

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	DOI
Thongolla R.; Pulabala R.; Gogula S.S.; Shenoy T.N.; Salam A.A.A.; Vankadari S.R.; Rondla R.; Puchakayala M.R.	Design, synthesis, and molecular docking studies of new phenanthrene-linked oxadiazoles as potential antimicrobial agents	2024	Journal of Molecular Structure	1300		137260			10.1016/j.molstruc.2023.137260
Somegowda V.K.; Diwakar Reddy S.E.; Gaddameedi A.; Kiranmayee K.N.S.U.; Naravula J.; Kavi Kishor P.B.; Penna S.	Genomics breeding approaches for developing Sorghum bicolor lines with stress resilience and other agronomic traits	2024	Current Plant Biology	37		100314			10.1016/j.cpb.2023.100314
Goud P.S.; Sastry P.N.; Sekhar P.C.	A novel intelligent deep optimized framework for heart disease prediction and classification using ECG signals	2024	Multimedia Tools and Applications	83	12		34715	34731	10.1007/s11042-023-16850-4
Mogilicharla S.; Mumjadi U.K.	Grain Quality Analysis from the Image Through the Approaches of Segmentation	2024	AIP Conference Proceedings	3007	1	70001			10.1063/5.0192997
Sabita G.; Savitha R.; Divya K.; Shivakumar E.; Bhaskar K.	Design, synthesis and biological evaluation of chalcone incorporated of Pyrimidine-Pyrazine-Oxazoles as anticancer agents	2024	Chemical Data Collections	51		101128			10.1016/j.cdc.2024.101128
Sreenu S.; Upendar J.; Sirisha B.	Implementation and study of switched impedance boost and KY-boost converters for electric vehicle	2024	International Journal of Power Electronics and Drive Systems	15	1		367	376	10.11591/ijpeds.v15.i1.pp367-376
Vankudothu N.; Srikanth B.; Reddy S.S.K.; Raju N.; Reddy M.S.; Reddy C.G.; Reddy P.Y.	Investigation on structural, electrical and magnetic properties of ErFeO <sub>3</sub> : Sintered at different temperature	2024	Physica B: Condensed Matter	680		415819			10.1016/j.physb.2024.415819
Asadi P.; Kodide K.; Thati J.; Busi M.R.	Predicting sulfanilamide solubility in mixed solvents: A comparative analysis of computational models	2024	Fluid Phase Equilibria	577		113966			10.1016/j.fluid.2023.113966

Anand Pandarinath M.; Hema Madhuri J.; Chanakya N.; Sameera Devi C.; Upender G.	Spectroscopic and thermal investigations on Zn <sup>2+</sup> and Ba <sup>2+</sup> ions modified 30TeO <sub>2</sub> -39.5B <sub>2</sub> O <sub>3</sub> -(30-x)ZnO-xBaO-0.5V <sub>2</sub> O <sub>5</sub> (0 ≤ x ≤ 30 mol %) glass system	2024	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	313		124088			10.1016/j.saa.2024.124088
Vedavyas S.; Nabil I.M.; Sekhar K.C.; Almousa N.; Issa S.A.M.; Shareefuddin M.; Zakaly H.M.H.	Characterization and analysis of physical, optical, and radiation attenuation properties of vanadium-infused in cadmium lead borate tellurite glasses	2024	Optical Materials	150		115157			10.1016/j.optmat.2024.115157
Appidi B.; Nagilla B.; Reddy P.K.	Isolation of 6-Gingerol from the Rhizome of Zinger (Zingiber officinale) and Evaluation of its Effect on the Bone Health of Streptozotocin-Induced Diabetic Rats	2024	Tropical Journal of Natural Product Research	8	2		6411	6417	10.26538/tjnpr/v8i2.32
John Steven Wesley K.; Shireesha K.; Divya V.; Rakesh D.; Shilpa Chakra C.H.; Sree Chandana K.; Sai Vamsi Ganesh Reddy S.; Deepti K.; Bala Narsaiah T.; Sadhana K.	Impact of surfactant on specific capacitance of nickel oxide nanoparticles for supercapacitor application	2024	Bulletin of Materials Science	47	1	30			10.1007/s12034-023-03101-3
Naresh B.; Laxman Naik J.	Investigation of structural, magnetic, and electric properties of Ni-Cr-Bi nano ferrites an effect of rare earth cerium element by sol-gel auto combustion method	2024	Results in Physics	59		107553			10.1016/j.rinp.2024.107553
Katuri R.; Jeedi V.R.; Prakash A.C.; Ganta K.K.; Yalla M.R.; Kundana N.	Impact of KNO <sub>3</sub> Concentration on Structural Properties, Dielectric and AC Conductivity Response of 80 PEO:20 PVDF Blend Polymer Electrolytes	2024	Korean Journal of Chemical Engineering	41	4		1093	1104	10.1007/s11814-024-00148-8
Shaik A.; Kondaparthi V.; Begum A.; Husain A.; Chinnagalla T.	Novel vanadyl complexes synthesis, characterization and interactions with bovine serum albumin—effects on STZ- diabetes rats	2024	BioMetals	37	2		357	369	10.1007/s10534-023-00552-3
Thupakula S.; Nimmala S.S.R.; Dawood S.M.; Padiya R.	Synergistic anti-diabetic effect of phloroglucinol and total procyanidin dimer isolated from Vitisvinifera methanolic seed extract potentiates via suppressing oxidative stress: in-vitro evaluation studies	2024	3 Biotech	14	3	76			10.1007/s13205-024-03929-4

Ramadugu S.; Ledella S.R.K.; Gaduturi J.N.J.; Pinninti R.R.; Sriram V.; Saxena K.K.	Environmental life cycle assessment of an automobile component fabricated by additive and conventional manufacturing	2024	International Journal on Interactive Design and Manufacturing	18	2		847	858	10.1007/s12008-023-01532-0
Mogilicharla S.; Mummadi U.K.	The Literature Survey: Precision Agriculture for Crop Yield Optimization	2024	AIP Conference Proceedings	3007	1	90005			10.1063/5.0192998
Govardhan B.; Anand V.K.; Nagaraja Rao P.; Balachandran Menon P.; Mithun S.; Sasikala M.; Sowmya T.R.; Anuradha S.; Smita C.P.; Nageshwar Reddy D.; Ravikanth V.	17-Beta-Hydroxysteroid Dehydrogenase 13 Loss of Function Does Not Confer Protection to Nonalcoholic Fatty Liver Disease in Indian Population	2024	Journal of Clinical and Experimental Hepatology	14	4	101371			10.1016/j.jceh.2024.101371
Sunku M.; Perala V.; Panaganti L.; Muga V.	A visible light driven photocatalyst Ag/AgBr/SrSb2O6 for removal of model organic contaminants and hexavalent chromium	2024	Optik	304		171731			10.1016/j.ijleo.2024.171731
Bale G.; Kulkarni A.V.; Padaki N.R.; Menon P.B.; Sharma M.; Iyengar S.; Sekaran A.; Pawar S.C.; Duvvur N.R.; Vishnubhotla R.	Comparing rare variants versus common in the pathogenesis of nonalcoholic fatty liver disease: a whole exome sequencing approach	2024	Journal of Gastroenterology and Hepatology (Australia)	39	3		587	595	10.1111/jgh.16394
Ajay Kumar A.; Ashok C.	Geochemistry and mineral chemistry of the armoor granitoids, eastern dharwar craton: implications for the redox conditions and tectono-magmatic environment	2024	Acta Geochimica	43	1		110	133	10.1007/s11631-023-00647-1
Swamy B.; Venkataramana K.; Madhuri C.; Bhogi A.; Reddy C.V.	Structural and electrical studies of Nd and Gd co-doped zirconia electrolytes for IT-SOFC applications	2024	Ionics	30	4		2167	2176	10.1007/s11581-024-05448-x
Reddy G.R.	Language, religion and political identity - The case of the Majlis-e-Ittehadul-Muslimeen in Andhra Pradesh	2024	Political Identity in South Asia				113	137	10.4324/9781032715575-4

Anjaneyulu B.; Reddy N.S.S.	Design of low power high-speed full, swing 11T CNTFET adder	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	8		100516			10.1016/j.prime.2024.100516
Rajagopal S.; Naravula J.; Kishor P.B.K.; Suravajhala P.	Unraveling the Clotting Cascade in Vitamin K Deficiency Associated Comorbidities	2024	Current Trends in Biotechnology and Pharmacy	18	1		1608	1615	10.5530/ctbp.2024.1.9
Reddyrajula R.; Etikyala U.; Manga V.; kumar Dalimba U.	Discovery of 1,2,3-triazole incorporated indole-piperazines as potent antitubercular agents: Design, synthesis, in vitro biological evaluation, molecular docking and ADME studies	2024	Bioorganic and Medicinal Chemistry	98		117562			10.1016/j.bmc.2023.117562
Parvathalu K.; Rajitha K.; Chandrashekar B.; Sathvik K.; Pranay Bhasker K.; Sreenivas B.; Pritam M.; Pushpalatha P.; Moses K.; Bala Bhaskar P.	Biomimetic Synthesis of Copper Nanoparticles Using Tinospora Cordifolia Plant Leaf Extract for Photocatalytic Activity Applications	2024	Plasmonics	19	2		825	834	10.1007/s11468-023-02037-y
Vinoda Rani M.; Pallati N.; Vuradi R.K.; Sadananda Chary A.; Narender Reddy S.	A study of the structural, electrical and bioactivity properties of antimony zinc borate glasses with Na <sub>2</sub> O added for a variety of applications	2024	Journal of Non-Crystalline Solids	629		122862			10.1016/j.jnoncrsol.2024.122862
Kumar E.P.; Chanakya N.; Siddiqua A.; Krishna K.G.; Kumar B.V.; Muralikrishna P.; Upender G.	Investigations on MWO <sub>4</sub> (M = Cu, Zn, Cd and Sn) nanostructures for detecting toluene gas at room temperature	2024	Sensors and Actuators A: Physical	368		115094			10.1016/j.sna.2024.115094
Sandhya K.; Bhagavanth Reddy G.; Ayodhya D.; Venkatesh B.; Kondaiah S.; Noorjahan M.; Yadagiri Swamy P.; Girija Mangatayaru K.	Ultrasound assisted biogenic synthesis of Palladium nanoparticles using Cocculus hirsutus leaf extract: Antimicrobial, anti-inflammatory and catalytic activities	2024	Journal of Molecular Structure	1306		137848			10.1016/j.molstruc.2024.137848
Ali S.A.M.; Prattipati Geya Sai M.; Hameeda B.	Downregulation of biofilm genes (csgD and bcsA) in Salmonella enterica by metalloprotease of B. subtilis MAH84	2024	Food Bioscience	58		103665			10.1016/j.fbio.2024.103665

Siddikha A.; Mujeeb M.A.; Swetha K.; Sathyanarayana B.; Vithal M.	Synthesis of novel Ag/AgBr/KO.4Y0.7Sb2O6.25 nanocomposite with enhanced photocatalytic properties	2024	Optik	303		171745			10.1016/j.ijleo.2024.171745
Kumar D.; Sinha S.N.; Gouda B.	Novel LC-MS/MS Method for Simultaneous Determination of Monoamine Neurotransmitters and Metabolites in Human Samples	2024	Journal of the American Society for Mass Spectrometry	35	4		663	673	10.1021/jasms.3c00326
Srinu M.; Rao E.S.; Sekhar P.C.	Design of low power SRAM cells with increased read and write performance using Read - Write assist technique	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	7		100381			10.1016/j.prime.2023.100381
Kaniganti S.; Khisti M.; Kishor P.B.K.; Reddy P.S.	Genome-Wide Identification and Characterization of the Strigolactone (SL) Pathway and Associated Genes in Sorghum	2024	Current Trends in Biotechnology and Pharmacy	18	1		1518	1530	10.5530/ctbp.2024.1.1
Katamreddy S.C.; Reddy B.P.; Kishor P.B.K.; Kumar A.A.; Reddy P.S.	Identification and expression profile of dhurrin biosynthesis pathway genes in sorghum vegetative tissues	2024	Plant Biotechnology Reports	18	2		195	205	10.1007/s11816-024-00886-5
Ramesh Reddy T.; Subrahmanyam A.R.; Ravindar Reddy M.; Siva Kumar J.; Jaipal Reddy M.; Venkata Ramana K.	Comparative Study on Structural, Dielectric Behavior and AC Conductivity of PPY-PVA Incorporated with TiO2 Fine and Nano Particles	2024	ECS Journal of Solid State Science and Technology	13	3	33007			10.1149/2162-8777/ad34fa
Prabhakar G.; Swetha K.; Rasool A.; Krismastuti F.S.H.	In vitro biological evaluation of Steroidal Saponins from seeds of Crotalaria verrucosa L. for cancer studies	2024	Environmental Advances	15		100471			10.1016/j.envadv.2023.100471
Devarapalli S.P.; Jagirdar R.; Pothuneni R.R.; Amente D.W.; Thomas V.; Safonova M.; Brosch N.	Multi-wavelength photometric study of five contact binaries in the field of globular cluster M4	2024	New Astronomy	107		102150			10.1016/j.newast.2023.102150

Reddy B.S.; Vijayabalaji S.; Thillaigovindan N.; Punniyamoorthy K.	Emerging Frameworks: 2-Multiplicative Metric and Normed Linear Spaces	2024	Mathematics and Statistics	12	2		199	203	10.13189/ms.2024.120209
Ramavath A.K.; Perumalla N.K.	A machine-learning approach to estimate satellite-based position errors	2024	Journal of Applied Geodesy	18	2		335	344	10.1515/jag-2023-0051
Srinivas B.; Katubi K.M.; Bhogi A.; Ahammed S.; Surendra T.V.; Hameed A.; Shareefuddin M.; Al-Buriah M.S.	Synthesis, optical, and spectroscopic studies of bismuth boro-tellurite glass system containing BaO and V2O5	2024	Optical and Quantum Electronics	56	5	784			10.1007/s11082-024-06596-0
Samdani M.; Basha B.; Alsufyani S.J.; Kebaili I.; Chandra Sekhar K.; Alrowaili Z.A.; Eke C.; Olarinoye I.O.; Al-Buriah M.S.	Corrigendum to "Gamma shielding performance of B2O3/BaO-based glassy system: Synthesis and simulation study" [Radiat. Phys. Chem. 214 (2024) 111301] (Radiation Physics and Chemistry (2024) 214, (S0969806X23005479), (10.1016/j.radphyschem.2023.111301))	2024	Radiation Physics and Chemistry	216		111397			10.1016/j.radphyschem.2023.111397
Vani K.; Hari Kumar N.; Ravinder D.; Naveena G.; Sathish B.; Sriramulu G.	Rare earth Gd <sup>3+</sup> -substituted Co spinel nanoferrites structural, dielectric and magnetic properties	2024	Chemical Physics Impact	8		100585			10.1016/j.chphi.2024.100585
Balchander V.; Ayodhya D.; Sunder R.S.	Sonochemical fabrication of efficient binary Cu/Bi2S3 heterojunction composites towards visible-light active photocatalytic degradation of CV, FL, and SO dyes for wastewater treatment	2024	Inorganic Chemistry Communications	162		112181			10.1016/j.inoch.2024.112181
Devi C.S.; Katta K.K.; Chanakya N.; Prasad G.; Upender G.	Gd <sup>3+</sup> and Sm <sup>3+</sup> doped CeO <sub>2</sub> for IT-SOFC and room temperature formaldehyde gas sensing applications	2024	Inorganic Chemistry Communications	160		111843			10.1016/j.inoch.2023.111843
Chatla A.J.; Yerrabelly J.P.R.; Dharavath N.; Shyam P.	Design, Synthesis and Anticancer Activity of Novel Substituted (E)-2-Morpholinoquinoline-3-carbaldehyde-O-((-1-aryl-1H-1,2,3-triazol-4-yl)methyl)oxime Derivatives	2024	Asian Journal of Chemistry	36	3		618	622	10.14233/ajchem.2024.30734

Kumar N.H.; Edukondalu A.; Ravinder D.	Structural, dielectric, and magnetic properties of Cu-doped Ni-Zn ferrites	2024	Journal of the Australian Ceramic Society	60	1		275	289	10.1007/s41779-023-00946-z
Konda S.; Batchu U.R.; Nagendla N.K.; Velpula S.; Matta S.; Rupula K.; Reddy Shetty P.; Mudiam M.K.R.	Silver Nanoparticles Induced Metabolic Perturbations in Pseudomonas aeruginosa: Evaluation Using the UPLC-QToF-MSE Platform	2024	Chemical Research in Toxicology	37	1		20	32	10.1021/acs.checrestox.3c00154
Chintalapati K.R.; Kada Y.; Malkhed V.; Palusa S.K.G.; Bera R.; Jagarlapudi V.S.K.	In silico Studies of Cilnidipine Degradation Products for Structure Confirmation, Toxicity Prediction and Molecular Docking	2024	Asian Journal of Chemistry	36	4		865	878	10.14233/ajchem.2024.31150
Poleboyina P.K.; Naik U.; Pasha A.; Ravinder D.; Bhanothu S.; Poleboyina S.M.; Amineni U.; Pawar S.C.	Virtual Screening, Molecular Docking, and Dynamic Simulations Revealed TGF- $\beta$ 1 Potential Inhibitors to Curtail Cervical Cancer Progression	2024	Applied Biochemistry and Biotechnology	196	3		1316	1349	10.1007/s12010-023-04608-5
Chikoti S.; Najiya Mahwish U.; Bhushan Raju S.; Gaddam S.; Jahan P.	Corrigendum to "Gender bias in the genetic vulnerability towards type 2 diabetes and diabetic nephropathy: Role of forkhead box Protein3 transcription factor gene variants" [Gene 774 (2021) 145426] (Gene (2021) 774, (S0378110921000202)	2024	Gene	891		147846			10.1016/j.gene.2023.147846
Rajashekhar K.; Naidu C.G.; Kumar C.N.S.S.P.; Ramachandra B.; Padiya R.	Analytical quality by design aided stability indicating a robust ultra-performance liquid chromatographic technique for the quantification of sonidegib and its organic impurities in bulk drug substance	2024	Separation Science Plus	7	3	2300181			10.1002/sscp.202300181
Bharath K.; Srujana Vahini N.; Dasari R.K.; Abegaonkar M.P.; PandhariPande V.M.	Beam-tilting antenna with low profile and increased gain for 5G mobile applications	2024	Microwave and Optical Technology Letters	66	2	e34085			10.1002/mop.34085
K R.; Pothukanuri N.; Reddy M.V.R.	Studies on pure and Zn doped NiO nanostructured thin films for enhanced ammonia gas sensing applications	2024	Chemical Physics Impact	8		100397			10.1016/j.chphi.2023.100397

Srikanth G.; Naik M.G.; Dhilip T.	Construction Delay Assessment using Compound Index and Fuzzy Optimization Technique: A Case Study of Hyderabad Construction Industry	2024	Journal of Advanced Research in Applied Sciences and Engineering Technology	34	2		30	49	10.37934/araset.34.2.3049
Wesley B.J.; Babu G.S.; Kumar P.S.	Design and control of LSTM-ANN controllers for an efficient energy management system in a smart grid based on hybrid renewable energy sources	2024	Engineering Research Express	6	1	15074			10.1088/2631-8695/ad1b71
Neelam S.; Koneti B.B.; Chidurala S.C.; Katlakunta S.; Lal B.; Butreddy R.R.	Low-temperature microwave hydrothermally synthesized Mn-doped NiCo <sub>2</sub> O <sub>4</sub> nanoparticles: enhanced structural and electrochemical properties	2024	Journal of Sol-Gel Science and Technology	110	1		246	255	10.1007/s10971-024-06345-5
Narsimha B.; Sekhar K.C.; Shareefuddin M.; Chary M.N.; Ramadevudu G.	Influence of In <sub>2</sub> O <sub>3</sub> on Optical, EPR, and Structural Properties of Barium Borate Glasses Containing Cu <sup>2+</sup> Spin Probe	2024	Brazilian Journal of Physics	54	2	40			10.1007/s13538-023-01413-7
Nijhawan M.; Dhyagala S.; Sailaja G.; Aleti R.; Saxena T.	Dipyridamole Cocystal Tablets with Enhanced Solubility and Dissolution at Intestinal pH; [Ba??rsak pH's?nda Geli?tirilmi? Çözünürlük ve Çözünme Özelli?ine Sahip Dipiridamol Kokristal Tabletler]	2024	Fabad Journal of Pharmaceutical Sciences	49	1		37	50	10.55262/fabadeczacilik.1318448
Mahajan Y.A.; Shinde B.A.; Shirke H.A.; Gandra J.; Suravajhala P.; Kavi Kishor P.B.; Kadoo N.Y.; Nikam T.D.	Unlocking the genetic and biotechnological potential of Gloriosa superba to enhance its alkaloid production	2024	Industrial Crops and Products	211		118144			10.1016/j.indcrop.2024.118144
Vardhan D.S.; Devi C.S.; Nagaraju P.; Muralikrishna P.; Vijaya Kumar B.; Upender G.	Room temperature sensing of ammonia and formaldehyde gases through novel anisotype heterojunction of p-Co <sub>3</sub> O <sub>4</sub> /n-Gd <sub>0.1</sub> Ce <sub>0.9</sub> O <sub>2</sub> -? as highly responsive and stable sensors	2024	Materials Chemistry and Physics	313		128694			10.1016/j.matchemphys.2023.128694
Sakariyas S.; Chacko G.; Vikas N.; Saxena U.	Impact of COVID-19 Medication (Favipiravir and Hydroxychloroquine) on High Frequency Hearing	2024	Indian Journal of Otolaryngology and Head and Neck Surgery	76	1		899	903	10.1007/s12070-023-04313-z



Srinu A.; Reddy K.S.	Velocity and Thermal Slips Impact on the Williamson Fluid Flow above a Stretching Sheet in the Existence of Radiation and Inclined Magnetic Field	2024	CFD Letters	16	7		118	135	10.37934/cfdl.16.7.118135
Swathi S.; Kumar B.S.; Upendar J.	Comparative analysis and validation of advanced control modules for standalone renewable micro grid with droop controller	2024	Bulletin of Electrical Engineering and Informatics	13	2		734	744	10.11591/eei.v13i2.5849
Bhemarajam J.; Varkolu M.; Syam Prasad P.; Prasad M.	Effect of Yb <sup>3+</sup> ions on spectroscopic and optical properties of Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -Li <sub>2</sub> O-PbO glass system	2024	Results in Optics	14		100582			10.1016/j.rio.2023.100582
Rekha V.S.; Vidyasagar E.	Reliability analysis of an automated radial distribution feeder for different configurations and considering the effect of forecasted electrical vehicle charging stations	2024	International Journal of Applied Power Engineering	13	1		178	185	10.11591/ijape.v13.i1.pp178-185
Sadhna; Kumar R.; Udaya Krithika S.M.; Hayavadana J.; Indu G.K.; Kapoor V.; Prakash C.	Study of moisture management properties of tri-layer knitted fabrics made from hollow polyester, bamboo, spun polyester and polypropylene	2024	Polymer Bulletin	81	4		3513	3525	10.1007/s00289-023-04889-0
Masula K.; Kore R.; Bhongiri Y.; Pola S.; Basude M.	Ag-Li-ZnO nanostructures for efficient photocatalytic degradation of organic dyes and textile wastewater under visible light treatment	2024	Journal of Molecular Structure	1305		137750			10.1016/j.molstruc.2024.137750
Maskar E.; Lamrani A.F.; Belaiche M.; Es-Smairi A.; Laref A.; Prasad M.; Sivakumar J.; Rai D.P.	Structural, mechanical, electronic, optical, and thermoelectric analysis of cubic-tetragonal halide perovskites CsGeX <sub>3</sub> (X = Cl, Br, I)	2024	Indian Journal of Physics	98	5		1661	1675	10.1007/s12648-023-02938-y
Kumar P.A.; Kumar J.S.	Environmentally Benign Nanofiller-Aided Enhancement of the Electrochemical Performance of Flexible Lithium Polymer Composite	2024	Journal of Polymers and the Environment	32	4		1631	1649	10.1007/s10924-023-03064-w

Bharadwaj S.; Lakshmi Y.K.; Dhand V.; Narayana M.V.; Rajendrachary M.	A brief comparison of structural and magnetic properties of bismuth ferrite prepared using hydrothermal and sol-gel synthesis methods	2024	Journal of Sol-Gel Science and Technology	109	3		810	816	10.1007/s10971-024-06316-w
Srinu A.; Reddy K.S.; Amar N.	Radiation and inclined magnetic field effects on Williamson fluid flow above a stretching sheet in the existence of velocity, thermal, and concentration slips	2024	Partial Differential Equations in Applied Mathematics	9		100611			10.1016/j.padiff.2023.100611
Sriramulu G.; Verma R.; Singh K.R.; Singh P.; Chakra C.S.; Mallick S.; Singh R.P.; Sadhana K.; Singh J.	Self-assembled copper oxide nanoflakes for highly sensitive electrochemical xanthine detection in fish-freshness biosensors	2024	Journal of Molecular Structure	1304		137640			10.1016/j.molstruc.2024.137640
Kuna K.; Baddam S.R.; Kalagara S.; Akkiraju P.C.; Tade R.S.; Enaganti S.	Emerging natural polymer-based architected nanotherapeutics for the treatment of cancer	2024	International Journal of Biological Macromolecules	262		129434			10.1016/j.ijbiomac.2024.129434
Uday K.; Malini M.	Review of the current diagnostic techniques for Deep Vein Thrombosis	2024	AIP Conference Proceedings	2942	1	20016			10.1063/5.0196236
Agarwal S.; Reddy C.R.K.	A smart intelligent approach based on hybrid group search and pelican optimization algorithm for data stream clustering	2024	Knowledge and Information Systems	66	4		2467	2500	10.1007/s10115-023-02002-5
Sitharamulu V.; Prasad K.R.; Reddy K.S.; Prasad A.V.K.; Dass M.V.	Hybrid classifier model for big data by leveraging map reduce framework	2024	International Journal of Data Mining, Modelling and Management	16	1		23	48	10.1504/IJDDMM.2024.136219
Vani K.; Hari kumar N.; Ravinder D.	Rare earth Gd <sup>3+</sup> substituted on cobalt ferrites: Structural and dielectric studies by citrate gel autocombustion method	2024	Inorganic Chemistry Communications	160		111920			10.1016/j.inoch.2023.111920

Nagamani R.; Ramesh G.; Srishailam K.; Nagaraju M.; Babu N.M.; Kumar D.S.	Synthesis, NMR, electronic properties using DFT study and anticancer activity of 3-methyl-6-(m-tolylamine) quinazolin-4(3H)-one	2024	Journal of Molecular Structure	1309		138144			10.1016/j.molstruc.2024.138144
Gangareddy K.; Reddy M.V.R.	Ethanol gas sensing properties of electron beam deposited Zn-doped NiO thin films	2024	Journal of Materials Science: Materials in Electronics	35	6	408			10.1007/s10854-024-12135-0
Erragolla M.; Gade R.; Kore R.; S. N.B.; Manorama S.V.; Chetti P.; Pola S.	Photomineralization of urban stormwater under visible light irradiation by using new tellurium-based defect pyrochlores	2024	Sustainable Chemistry for the Environment	5		100080			10.1016/j.scenv.2024.100080
Kalakonda P.; Bashitangu A.; Mandal P.; Jowhar Khanam S.; Banovath M.; Hasan I.; Bhaskar Podila B.	Sustainable solutions for clean water: Green synthesized Cu-Ag-Bimetallic nanoparticles based nano catalyst	2024	Materials Science and Engineering: B	301		117147			10.1016/j.mseb.2023.117147
Kumar N.H.; Edukondalu A.; Nagaraju G.; Ravinder D.	Structural, optical, thermoelectric, and magnetic properties of terbium doping on zinc cobalt nanoparticles and applications	2024	Indian Journal of Physics	98	4		1271	1278	10.1007/s12648-023-02906-6
N K.; Joseph M.K.; Sekhar P.C.	Design and analysis of an efficient low power low delay low leakage clock keeper domino logic	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	8		100525			10.1016/j.prime.2024.100525
Kotluri S.K.; Pandey P.; Pandey A.K.	A Google Earth and ArcGIS-based protocol for channel width extraction	2024	Journal of Earth System Science	133	1	9			10.1007/s12040-023-02229-4
Sriram K.; Vijaya A.; Lahiri D.; Agrawal V.K.	XMM-Newton's view of a RS CVn binary CF Tuc	2024	New Astronomy	106		102127			10.1016/j.newast.2023.102127

Mir M.I.; Mukkamula N.; Kumar B.K.; K R.; Parray J.A.; Khan I.; Hameeda B.; Babalola O.O.	Impact of microbial consortium of Rhizobium tropici and Rhizobium mayense on the growth of Phaseolus vulgaris L.	2024	South African Journal of Botany	168			562	572	10.1016/j.sajb.2024.04.004
Chandrashekhara G.; Ganesh V.; Venkatalaxmi A.	Bounds on the eigenvalues for the circular Rayleigh problem of hydrodynamic stability	2024	Proceedings of the Indian Academy of Sciences: Mathematical Sciences	134	1	1			10.1007/s12044-023-00771-1
Srividya D.V.; Vali Shaik K.; Hadya B.; Irfan Sadaq S.	Failure Analysis of GFRP and CFRP Composite laminated Pressure Vessel	2024	AIP Conference Proceedings	3007	1	100002			10.1063/5.0193899
Sowjanya P.; Thirupathi G.; Kumar M.S.; Ramesh T.; Reddy M.V.R.; Chelvane A.; Kumar N.P.	Comparison of structural, optical, electrical and magnetic properties between Ni <sub>0.5</sub> Co <sub>0.5</sub> Gd <sub>0.005</sub> Tb <sub>0.005</sub> Fe <sub>1.99</sub> O <sub>4</sub> and Ni <sub>0.5</sub> Co <sub>0.5</sub> Gd <sub>0.0033</sub> Tb <sub>0.0033</sub> Dy <sub>0.0033</sub> Fe <sub>1.99</sub> O <sub>4</sub>	2024	Journal of Alloys and Compounds	971		172623			10.1016/j.jallcom.2023.172623
Hashim M.; Salih S.J.; Ismail M.M.; Ahmed A.; Meena S.S.; Gaikwad A.A.; Jotania R.B.; Kumar S.; Ravinder D.; Kumar R.; Imran A.; Batoo K.M.; Shirsath S.E.	Effect of lightly substituted samarium ions on the structural, optical, magnetic and dielectric properties of the sonochemically synthesized M-type Sr-hexaferrite nanoparticles	2024	Physica B: Condensed Matter	681		415840			10.1016/j.physb.2024.415840
Joshi J.; Mudigonda M.; Morusupalli R.	RETINAL DISEASE PREDICTION USING LEAKY RECTIFIED LINEAR UNIT BASED GATED RECURRENT UNIT MODEL	2024	Journal of Theoretical and Applied Information Technology	102	4		1341	1353	
Rajeshwari T.; Kune R.; Sabawat H.S.N.	Numerical Solution of Darcy-Forchheimer Casson Nanofluid Flows with Joule Heating and Radiation	2024	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	114	1		76	92	10.37934/arfmts.114.1.7692
Saddeek Y.B.; Sekhar K.C.; Albedah M.A.; Nagaraju G.; Sagar D.K.; Hussein M.F.; Shareefuddin M.	Unveiling the elastic properties of PbF <sub>2</sub> -MoO <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glass: A comprehensive analysis using FTIR and Raman spectroscopy	2024	Ceramics International	50	2		3719	3726	10.1016/j.ceramint.2023.11.124

Manne P.; Sanagala R.R.; Menon S.M.R.; Gantla V.R.R.; Kethavath S.N.	Comparison of Blast, Bacterial Leaf Blight and Brown Plant Hopper Introgressed Lines for Yield and Morphological Traits Over Original Line	2024	Journal of Pure and Applied Microbiology	18	1		509	521	10.22207/JPAM.18.1.34
Rajashekhar K.; Vinod G.; Naik J.L.	Dielectric and Impedance Studies of Erbium (Er <sup>3+</sup> ) Ion Substituted Ni-Cu Nanoferrites	2024	Brazilian Journal of Physics	54	1	1			10.1007/s13538-023-01380-z
Sowmya K.K.; Srinivas V.	Applications of Onto Functions in Cryptography	2024	Mathematics and Statistics	12	2		135	141	10.13189/ms.2024.120203
Reddy S.V.; Manjula M.	Performance of the distribution network by connecting solar and wind DGs	2024	Renewable Energy Focus	48		100539			10.1016/j.ref.2024.100539
Pavani N.; Shyamala K.	Scrutinization of Text, Images and Audio Posts on Social Media for Identifying Fake Content	2024	Communications in Computer and Information Science	1956 CCIS			287	300	10.1007/978-3-031-48879-5_22
Swapna G.; Jayasri B.; Anantha Lakshmi P.V.	Co (II), Ni (II), and Cu (II) ternary complexes with 2,6-pyridinedicarboxylic acid: Thermal decomposition, DNA interaction, and biological activity studies	2024	Applied Organometallic Chemistry						10.1002/aoc.7437
Sailaja A.K.; Meghana T.	Formulation and Evaluation of Invasomal and Ethosomal Gel for Curcumin and Determination of Anti-Fungal Activity	2024	Current Nanomaterials	9	1		55	69	10.2174/2405461508666230329122937
Serabanda M.; Kumar B.S.; Malleshm G.	Performance Improvement of UPQC with Sliding Mode Fractional Order Proportional Integral Control with Enhancement of Harmonics Mitigation	2024	International Journal of Engineering Trends and Technology	72	1		184	192	10.14445/22315381/IJETT-V72I1P118

Banoth R.K.; Murthy B.V.R.	Soil Image Classification Using Transfer Learning Approach: MobileNetV2 with CNN	2024	SN Computer Science	5	1	199			10.1007/s42979-023-02500-x
Suja R.; Rathika A.; Jeba Reeda V.S.; Arun Kumar A.	Synthesis, crystal structure, Hirshfeld surface analysis, spectral characterisation, non-covalent interactions and anti-microbial investigation on morpholinium adipate: a combined experimental and DFT approach	2024	Molecular Physics			e2331622			10.1080/00268976.2024.2331622
Chinni M.; Aravind S.; Ramachandran D.; Gowri Sankar M.; Subbarao M.	Thermo physical properties and IR spectral studies of some binary liquid mixtures and correlation with the Jouyban–Acree model	2024	Physics and Chemistry of Liquids						10.1080/00319104.2024.2333955
Ramesh Babu K.; Buggaramulu J.	An Unsteady Flow of Fluid Velocity, Temperature, and Heat Emission on MHD Free Convection Flow of Some Nanofluids	2024	Trends in Mathematics	Part F2357			401	411	10.1007/978-3-031-41420-6_36
Naik B.M.; Kunooru B.; Nandigama S.V.; Muthukumar M.; Ramakrishna D.	DESIGN OF A SWITCHED BEAM ANTENNA SYSTEM USING A 4 × 4 BUTLER MATRIX FOR WIRELESS COMMUNICATION APPLICATIONS	2024	Telecommunications and Radio Engineering (English translation of <i>Elektrosvez</i> )	83	3		17	31	10.1615/TelecomRadEng.2023049647
Yesuratnam G.; Sriker A.; Jena M.K.; Prabhat P.	A practical approach to real-time network topology processing in a radial distribution system	2024	Electric Power Systems Research	226		109951			10.1016/j.epr.2023.109951
Eslavath R.; Mummadi U.K.	ENSIC: Feature Selection on Android Malware Detection Attributes Using an Enhanced Non-Linear SVM Integrated with Cross Validator	2024	International Journal of Intelligent Systems and Applications in Engineering	12	2		495	504	
Samdani M.; Basha B.; Alsufyani S.J.; Kebaili I.; Sekhar K.C.; Alrowaili Z.A.; Eke C.; Olarinoye I.O.; Al-Buriah M.S.	Gamma shielding performance of B2O3/BaO-based glassy system: Synthesis and simulation study	2024	Radiation Physics and Chemistry	214		111301			10.1016/j.radphyschem.2023.111301

Rath B.; Raju P.V.S.; Panduranga Reddy I.; Chaurasiya S.K.; Roshan V.	Application of EDS Based Automated Mineralogic System to Investigate Process Efficiency of a Processing Plant of Iron Ore Mine from Chhattisgarh, Central India	2024	Springer Proceedings in Earth and Environmental Sciences	Part F2412			113	123	10.1007/978-3-031-50262-0_7
Swamy R.L.	Novel switching sequence to reduce CMV without increase in current THD for three-level inverter	2024	International Journal of Power Electronics	19	2		132	151	10.1504/IJPELEC.2024.136559
Chepuri S.; Ramadevi Y.	A Novel Fusion Study on Disease Detection in Cotton Plants Using Embedded Approaches of Neural Networks	2024	Lecture Notes in Networks and Systems	897			171	181	10.1007/978-981-99-9704-6_15
Srisailam C.; Manjula M.; Goud K.M.	Load frequency control in deregulated power system with renewable energy sources: Hybrid GOA-SNN technique	2024	Optimal Control Applications and Methods						10.1002/oca.3099
Chaithanya A.S.; Devi L.N.	Localization of Defects on PCBs with Diverse Acquisitions	2024	Journal of Image and Graphics(United Kingdom)	12	1		53	65	10.18178/joig.12.1.53-65
Swathi M.; Ayodhya D.; Shivaraj	Design, structural characterization, DNA interaction studies, antibacterial, antioxidant, and cytotoxicity studies of Co(II), Ni(II), Cu(II), Zn(II) complexes containing 2-methoxy 5-trifluoromethyl benzenamine Schiff base	2024	Results in Chemistry	7		101231			10.1016/j.rechem.2023.101231
Pachipulusu S.; Merugu K.; Kurnool A.	MARALIXIBAT IN RAT PLASMA AND ITS PHARMACOLOGICAL STUDIES (BIO-ANALYTICAL METHOD DEVELOPMENT AND VALIDATION BY LC-MS)	2024	Rasayan Journal of Chemistry	17	1		105	112	10.31788/RJC.2024.1718492
Rachuru S.; Manthena R.; Ankamma K.; Padmavathi D.A.; Jagannadham V.	Application of Hammett and Taft Equations Together on the Deprotonation Equilibriums of Isoxazolium Cations: A One Hour Graduate Classroom Teaching	2024	World Journal of Chemical Education	12	1		1	5	10.12691/wjce-12-1-1

Kalakonda P.; Thodeti M.; Ganneboina C.; Ankathi K.; Kathri S.; Begari K.; Kante H.S.; Jupalli V.; Khaderabad Y.; Vijaylaxmi S.; Morampudi V.; Mandal P.; Yatham V.R.; Hasan I.; Podila B.B.	Eco-Friendly Fabrication of Silver Nanoparticles for Sustainable Water Purification and Antibacterial Synergy	2024	Plasmonics						10.1007/s11468-024-02251-2
Sirikonda S.; Parayitam L.; Hablani H.B.	Tightly Coupled NavIC and Low-Cost Sensors for Ground Vehicle Navigation	2024	IEEE Sensors Journal				1	1	10.1109/JSEN.2024.3367927
Dhasharatha G.; Mangu B.; Haseeb Khan M.	A novel switched-capacitor based multilevel voltage boost inverter for EV interface	2024	International Journal of Electronics						10.1080/00207217.2024.2312556
Swamy K.M.; Bhaskar K.	Novel triazolo pyridine derivatives and their anti cancer activity	2024	Research Journal of Chemistry and Environment	28	1		21	26	10.25303/281rje21026
Ramesh G.; Daravath S.; Babu K.J.; Dharavath R.; Ranjan A.; Ayodhya D.; Shivaraj	Design, Synthesis, Structural Investigation and Photo Induced Biological Investigations of Co(II), Ni(II) and Cu(II) Complexes Derived from N,O Donor Schiff Bases	2024	Journal of Fluorescence						10.1007/s10895-024-03657-1
Kumar P.S.; Vijayapal Reddy P.	Document Clustering using RoBERTa and Convolution Neural Network Model	2024	International Journal of Intelligent Systems and Applications in Engineering	12	8		221	230	
Naresh G.; Indira B.	Air Pollution Prediction using Multivariate LSTM Deep Learning Model	2024	International Journal of Intelligent Systems and Applications in Engineering	12	8s		211	220	
Rajiya S.; Samee M.A.; Shareefuddin M.; Sagar D.K.	An investigation on physical, thermal, linear, non-linear optical and structural properties of (70-x)B2O3-10ZnO-10CdO-10BaO-xBi2O3 glasses	2024	Applied Physics A: Materials Science and Processing	130	1	43			10.1007/s00339-023-07196-7



Sukanya V.; Jawade P.B.; Jayanthi M.	An optimized deep learning framework to enhance internet of things and fog based health care monitoring paradigm	2024	Multimedia Tools and Applications						10.1007/s11042-024-18814-8
Quadriya H.; Rajendran G.; Mir M.I.; Surekha K.; Hameeda B.	Role of Pseudomonas lini and Brevundimonas nasdae to Enhance Nitrogen Use Efficiency (NUE) and Yield of Oryza sativa L	2024	International Journal of Plant Production						10.1007/s42106-024-00289-0
Reddy R.J.; Kumar J.J.; Kumari A.H.	Recent trends in the synthesis and applications of $\alpha$ -iodovinyl sulfones: a decade of progress	2024	Organic and Biomolecular Chemistry						10.1039/d3ob01980b
Bandari S.; Nirmala Devi L.	A multi-objective approach for optimal target coverage UAV placement: hybrid heuristic formulation	2024	Journal of Control and Decision						10.1080/23307706.2024.2304032
Ajeesh Kumar N.S.; Radhika K.L.	Thermodynamic Modeling of Cementitious Paste Containing Sugarcane Bagasse Ash and Rice Husk Ash	2024	Lecture Notes in Civil Engineering	440			77	88	10.1007/978-981-99-7464-1_7
Rani D.S.; Shyamala K.	Tomato Leaf Disease Detection and Classification by Using Novel CNN Model	2024	Lecture Notes in Networks and Systems	898			233	241	10.1007/978-981-99-9707-7_22
Yadav U.R.; Devender K.; Poornima M.; Sekhar C.C.; Atcha K.R.; Reddy B.V.S.; Padmaja P.	Design, synthesis and biological evaluation of triazole, sulfonamide and sulfonyl urea derivatives of N-acylhomoserine lactone as quorum sensing inhibitors	2024	Journal of Molecular Structure	1295		136547			10.1016/j.molstruc.2023.136547
Rajender N.; Gopalachari M.V.	An efficient dimensionality reduction based on adaptive-GSM and transformer assisted classification for high dimensional data	2024	International Journal of Information Technology (Singapore)	16	1		403	416	10.1007/s41870-023-01552-9

Aelgani V.; Vadlakonda D.	A novel interpretable regularized cnn with a modified xlnet transformer for segmenting and classifying the ovarian cancer	2024	Multimedia Tools and Applications						10.1007/s11042-024-18106-1
Atheeq Ahmed C.; Altaf C.; Mohammad M.; Mohammed A.	An effective mechanism to mitigate packet dropping attack from manets using chaotic map based authentication technique	2024	Recent Patents on Engineering	18	3	e050423215467	66	76	10.2174/1872212118666230405134548
Someswara Rao C.; Raminaidu C.; Raju K.B.; Sujatha B.	Effective Fake News Classification Based on Lightweight RNN with NLP	2024	Annals of Data Science						10.1007/s40745-023-00506-z
Vanga M.K.; Bhukya R.; Thumma V.; Ambadipudi S.S.S.S.S.; Nayak V.L.; Andugulapati S.B.; Manga V.	Design and synthesis of Meldrum's acid based 7-azaindole anchored 1,2,3-triazole hybrids as anticancer agents	2024	RSC Medicinal Chemistry						10.1039/d4md00015c
Muddasani R.; Adepur R.; Molugaram K.	A Comprehensive Investigation of Pavement Evaluation Through Field and Laboratory and Prioritization	2024	Lecture Notes in Civil Engineering	377			239	265	10.1007/978-981-99-4464-4_16
Shankar J.; Mallesham G.	Automatic Generation Control of Multi Area Power Systems Using BELBIC	2024	Lecture Notes in Electrical Engineering	1107			169	181	10.1007/978-981-99-8007-9_13
Pollayi L.; Krishna D.R.	Design and Analysis of Wideband Cross Dipole Antenna with Bent Arms for Base Station Applications	2024	Progress In Electromagnetics Research C	139			119	127	10.2528/PIERC23061104
Guda K.; Kavitha K.; Sujatha B.	A Hybrid Multi-Client Filter Based Feature Clustering and Privacy Preserving Classification Framework on High Dimensional Databases	2024	International Journal of Intelligent Systems and Applications in Engineering	12	8s		93	107	

Bibballi S.S.	Kinetics and Mechanistic Studies of Forskolin Oxidation by Hexavalent Chromium, N-halosuccinimides, Ceric Ammonium Nitrate	2024	Chemistry Africa						10.1007/s42250-024-00934-1
Boda P.; Ramadevi Y.	Predicting Pedestrian Behavior at Zebra Crossings using Bottom-up Pose Estimation and Deep Learning	2024	International Journal of Intelligent Systems and Applications in Engineering	12	4s		527	544	
Srinath K.R.; Indira B.	ConvBiGRU deep learning classifier for sentiment analysis with optimization algorithm	2024	Multimedia Tools and Applications						10.1007/s11042-024-18929-y
Sonyanaik B.; Ravi D.; kishore K.; Shyam P.; Sakram B.	Green pathway for the construction of aryl-1,8-naphthyridine-thiazole scaffolds and in vitro-antimicrobial evaluation, DNA binding interactions, viscosity measurements, molecular modeling studies and ADME properties	2024	Research on Chemical Intermediates	50	1		265	279	10.1007/s11164-023-05176-3
Molakatala N.; Undru V.B.; Tambala S.R.; Tejaswini M.; Teja Kiran M.; Tejo Seshadri M.; Juturi V.S.	Fraudulent Practice Detection in Bullion Trade in Selling of Gold Jewellery Through AI Methods	2024	Lecture Notes in Computer Science (including subseries Lecture Notes in	14531 LNCS			380	393	10.1007/978-3-031-53827-8_34
Kushwah V.S.; Reddy M.R.; Charyulu M.L.N.; Sastry P.N.; Goyal S.	Design and analysis of frequency agile LP to CP convertor loaded silicon-graphene based MIMO array antenna in THz regime	2024	Journal of Optics (India)						10.1007/s12596-024-01783-4
Ratnakaram S.; Bansal V.; Chakravaram V.; Bhagavatham H.K.; Rao V.S.	Digitalization of the Apparel Industry—The Impact of COVID-19	2024	Lecture Notes in Networks and Systems	878			1	9	10.1007/978-981-99-9489-2_1
Karthan M.K.; Kuna D.; Naveen Kumar P.	Effect of satellite availability and time delay of corrections on position accuracy of differential NavIC	2024	Journal of Geodetic Science	14	1	20220169			10.1515/jogs-2022-0169

Sandya P.; Subbareddy K.V.; Nirmala Devi L.; Srividya P.	Directional Edge Coding for Facial Expression Recognition System	2024	Lecture Notes in Networks and Systems	832			57	69	10.1007/978-981-99-8129-8_6
Yesuratnam G.; Sriker A.; Jahnavi G.; Gollapudi S.	A Practical Approach to Volt Var Optimization in an Unbalanced Radial Distribution System	2024	Lecture Notes in Electrical Engineering	1099			135	152	10.1007/978-981-99-7630-0_11
Thumma V.; Mallikanti V.; Matta R.; Dharavath R.; Jalapathi P.	Design, synthesis, and cytotoxicity of ibuprofen-appended benzoxazole analogues against human breast adenocarcinoma	2024	RSC Medicinal Chemistry						10.1039/d3md00479a
Kumar D.N.; Joseph M.K.	Fused Feature Vector and Dual FCM for Lung Segmentation from Chest X-Ray Images	2024	International Journal of Intelligent Engineering and Systems	17	2		464	476	10.22266/ijies2024.0430.38
Jayasri B.; Shekhar B.; Anantha Lakshmi P.V.	Water soluble Zinc(II) complexes: Geometrical, thermal, DNA/HSA/BSA binding, and cytotoxicity studies	2024	Applied Organometallic Chemistry						10.1002/aoc.7459
Dong J.; Zahran E.-S.M.M.; Ghosh A.; Hu J.; Liu J.; Uddin F.; Chen C.-F.; Shi F.-N.; Radhouane A.; Adiguzel O.; Wang Z.; Hassanpour M.; Zubair M.; Mateev V.; Yuan M.; Ciaburro G.; Dobrota D.; Gucbilmez Y.; Yang A.; Grzegorz W.; Tin H.H.K.; Wu J.; Iyer V.G.; Afshari M.; Mucha J.; Hu C.; Hammadi L.; Vasconcelos H.C.; Mallaiah N.; Koteswara Rao N.V.; Ramakrishna D.	Preface	2024	Journal of Physics: Conference Series	2706	1	11001			10.1088/1742-6596/2706/1/011001
	Investigation of Beam Forming Algorithms Using Smart Antenna for Modern Wireless Communication	2024	International Journal of Intelligent Systems and Applications in Engineering	12	2s		615	620	
Sravanthi C.; Gajanana S.; Krishnaiah A.; Venkateswarlu C.	Mechanical, microstructure and machining characteristics of alloying elements optimized Al 7075 alloy modified with reinforcement- Silicon Carbide	2024	Advances in Materials and Processing Technologies						10.1080/2374068X.2024.2307249

Chatla E.; Vankudothu N.; Shravan Kumar Reddy S.; Shanmukharao Smatham S.; Sreenath Reddy M.; Gopal Reddy C.; Yadagiri Reddy P.	Impact of Tb substitution on structural, electrical and magnetic properties of Ho <sub>1-x</sub> Tb <sub>x</sub> FeO <sub>3</sub> orthoferrite	2024	Applied Physics A: Materials Science and Processing	130	1	10			10.1007/s00339-023-07182-z
Duruvasula S.; Kandasamy U.; Mulpuri S.	Computational identification, characterization, and expression analysis of MLO genes in two powdery mildew resistant and susceptible lines of sunflower	2024	Physiological and Molecular Plant Pathology	129		102197			10.1016/j.pmpp.2023.102197
Kumar L.K.S.; Shaziya H.; Zaheer R.	Lung Cancer Classification Using CNN: Addressing Class Imbalance and Model Performance Analysis	2024	Sustainability in Industry 5.0: Theory and Applications				177	205	10.1201/9781032686363-8
Jangir S.; Namilakonda S.	Monitoring and Control of Captive Generation Units in Presence of Grid Integrated Solar Power Plants	2024	Lecture Notes in Electrical Engineering	1099			227	238	10.1007/978-981-99-7630-0_18
Sabita G.; Syed T.; Savitha R.; Divya K.; Somaiah N.; Bhaskar K.	Design, Synthesis and Biological Evaluation of Aryl Benzimidazole-Pyridones as Cytotoxic Agents	2024	Synthetic Communications	54	3		229	237	10.1080/00397911.2023.2292703
Kanaka Chary M.; Vamshi Krishna C.H.; Rama Krishna D.	Accurate channel estimation and hybrid beamforming using Artificial Intelligence for massive MIMO 5G systems	2024	AEU - International Journal of Electronics and Communications	173		154971			10.1016/j.aeue.2023.154971
Tiruvayipati S.; Yellasiri R.; Narayandas V.; Maruthavanan A.; Meduri A.	METHODOLOGY FOR DEVELOPING AN IOT-BASED PARKING SPACE COUNTER SYSTEM USING XNO	2024	Scalable Computing	25	2		800	811	10.12694/scpe.v25i2.2459
Aelgani V.; Vadlakonda D.	Optimized Detection of Ovarian Cancer Using Segmentation with FR-CNN Classification	2024	Lecture Notes in Electrical Engineering	1116			459	472	10.1007/978-981-99-8646-0_36

Silivery A.K.; Rao K.R.M.; Kumar S.L.K.	Rap-Densenet Framework for Network Attack Detection and Classification	2024	Journal of Information and Knowledge Management						10.1142/S0219649224500333
Sony D.; Reddy D.K.; Kumar P.N.	SIS Error Estimation for Fault Detection of IRNSS Using Beeline Method	2024	International Journal of Aeronautical and Space Sciences	25	1		250	263	10.1007/s42405-023-00644-x
Prashanthi A.; Reddy R.R.	Enhancing Cyber security Frameworks: Integrating Pigeon-Inspired Optimization and Dense Neural Networks for Advanced Intrusion Detection Using the CIC-IDS-2017 Dataset	2024	International Journal of Intelligent Systems and Applications in Engineering	12	11s		220	233	
Chander N.; Upendra Kumar M.	Enhanced pelican optimization algorithm with ensemble-based anomaly detection in industrial internet of things environment	2024	Cluster Computing						10.1007/s10586-024-04303-y
Harshitha G.; Manikyamba C.; Santosh M.; Yang C.-X.; Keshav Krishna A.; Sessa Sai V.V.; Panduranga Reddy I.	Paleo-Mesoarchean sedimentary record in the Dharwar Craton, India: Implications for Archean ocean oxygenation	2024	Geoscience Frontiers	15	1	101701			10.1016/j.gsf.2023.101701
Kalakonda P.; Mandal P.; Laxmi Mynepally S.; Bashipangu A.; Kethavath A.; Khanam S.J.; Batchu M.; Kalakonda P.B.; Banne S.; Aitipamula D.; Banavoth M.; Kigoji M.; Shukla V.D.; Eluri Y.; Podila B.B.	Comparison of Multi-metallic Nanoparticles-Alternative Antibacterial Agent: Understanding the Role of Their Antibacterial Properties	2024	Journal of Inorganic and Organometallic Polymers and Materials						10.1007/s10904-023-02960-x
Baburao B.; Hari Kumar N.; Edukondalu A.; Ravinder D.	Structural, dielectric, thermoelectric, and magmatic properties of Er <sup>3+</sup> ion substituted Mg-Zn spinal nanoferrites: High charge-storage capacitors and high-frequency microwave device applications	2024	Materials Science and Engineering: B	299		116985			10.1016/j.mseb.2023.116985
Ganji S.; Manohar J.N.; Yesuratnam G.; Bhargavi R.N.	Review: Relay coordination in DGs with Electric Vehicle	2024	E3S Web of Conferences	472		3010			10.1051/e3sconf/202447203010

Vinod G.; Rajashekhar K.; Elayah N.A.; Ganga Reddy K.; Ramesh A.; Ramesh P.; Laxman Naik J.	Impact of cation distribution on structural, morphological, optical and low-temperature magnetic properties of Er <sup>3+</sup> substituted Cu <sub>0.8</sub> Cd <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles	2024	Inorganic Chemistry Communications	159		111817			10.1016/j.inoch.2023.111817
Samarthi P.; Molugaram K.	Mode Choice Behaviour in Leisure Travel: A Case Study of Indian Cities	2024	Lecture Notes in Civil Engineering	377			295	309	10.1007/978-981-99-4464-4_19
Sharma K.; Panwar U.; Madhavi M.; Joshi I.; Chopra I.; Soni L.; Khan A.; Bhrdwaj A.; Parihar A.S.; Mohan V.P.; Prajapati L.; Sharma R.; Agrawal S.; Hussain T.; Nayarisseri A.; Singh S.K.	Unveiling the ESR1 Conformational Stability and Screening Potent Inhibitors for Breast Cancer Treatment	2024	Medicinal Chemistry	20	3		352	368	10.2174/0115734064256978231024062937
Yerrabelly J.R.; Bommagani M.B.; Yerrabelly H.; Mullaguri S.C.; Kancha R.K.	Synthesis and anticancer activity of cinnoline sulphonamides and 4-heterocyclic derivatives: Cross-coupling approach	2024	Journal of Heterocyclic Chemistry						10.1002/jhet.4816
Bodapatla S.K.; Gaddam M.; Sarma P.M.	Robust H-infinity and ?-synthesis controllers to mitigate sub-synchronous control interaction in DFIG wind farms considering time delay	2024	Electrical Engineering						10.1007/s00202-024-02353-4
Pachipulusu S.; Merugu K.S.; Bhonsle R.R.; Kurnool A.	A facile microwave-mediated method of 1,4-dihydropyridine carboxylates synthesis by multicomponent reaction	2024	Journal of Heterocyclic Chemistry						10.1002/jhet.4817
Ashok Kumar K.; Prashanth B.; Anjana Priyadarshani K.; Kavi Kishor P.B.; Prashant S.	In Silico Identification and Gene Expression Analysis of SNAC Subgroup of NAC Superfamily Members in Zea mays	2024	Current Trends in Biotechnology and Pharmacy	18	1		1531	1547	10.5530/ctbp.2024.1.2
Penumaka M.S.; Sreerama S.; Raju D.R.K.L.N.; Appa Rao S.K.E.; Nagabathula V.	Outcomes of Cochlear Implant Recipient With ANSD: Intra and Post Operative Findings, Progress in Audition and Speech Skills	2024	Indian Journal of Otolaryngology and Head and Neck Surgery						10.1007/s12070-023-04448-z

Manne P.; Sanagala R.R.; Balmooru Y.; Marella L.S.; Menon S.M.R.; Gantla V.R.R.; Naik K.S.	Cost-effective multiplex PCR assay for simultaneous detection of bacterial leaf blight, blast and brown planthopper resistance genes in rice	2024	Journal of Plant Biochemistry and Biotechnology						10.1007/s13562-023-00870-0
Choudhary A.; Sharma R.; Manchala R.; Rao K.R.; Vishnupriya S.; Singh S.; Bandapalli O.R.; Suravajhala P.; Digumarthi R.; Vuree S.	Minimal Residual Disease (MRD) as a Prognostic Marker in Acute Myeloid Leukemia	2024	Hematopoiesis: Biochemical, Cellular, Molecular, and Genomic Perspectives				229	273	
Babu R.S.; Radhika K.	DDoS Attack Detection using Swarm Optimized Random Forest Classification	2024	International Journal of Intelligent Systems and Applications in Engineering	12	8s		231	238	
Banoji V.; Kumar Angajala K.; Vianala S.; Manne S.; rao Ravulapelly K.; Vannada J.	Synthesis, characterization, cytotoxic evaluation, and molecular docking studies of novel 1,2,3-triazole-based chalcones for potential anticancer applications	2024	Results in Chemistry	7		101294			10.1016/j.rechem.2023.101294
Potu N.; Jatoth C.; Parvataneni P.	OPTIMUM BATCH SCHEDULING MODEL FOR QUALITY AWARE DELAY SENSITIVE DATA TRANSMISSION OVER FOG ENABLED IOT NETWORK	2024	Scalable Computing	25	2		1152	1166	10.12694/scpe.v25i2.2620
Naik K.H.M.; Singh A.K.; Krishna D.R.	Polarization insensitive passive loaded wideband metamaterial absorber	2024	International Journal of Microwave and Wireless Technologies						10.1017/S1759078724000187
Sanuvala G.; Fatima S.S.; Kambhampati T.; Sanuvala R.	Automatic Short Answer Scoring on an Indian Dataset Using Transformer-Based Language Models	2024	Lecture Notes in Networks and Systems	898			287	295	10.1007/978-981-99-9707-7_27
Alahdal A.; Kumar D.S.; AlAhdal A.H.A.; Krichen M.; Almansour H.	Securing Data Based on Lightweight Algorithm for Internet of Things Networks	2024	Smart Innovation, Systems and Technologies	376			139	152	10.1007/978-981-99-7711-6_12



Srinath K.R.; Indira B.	Sentiment Analysis Using Self-Adaptive Stacking Ensemble Method for Classification	2024	SSRG International Journal of Electronics and Communication Engineering	11	1		67	85	10.14445/23488549/IJECE-V11I1P106
Jyothi N.; Daravath S.; Swathi M.; Jagadeshbabu K.; Ganji N.; Shivaraj	Synthesis, geometry optimization and non-isothermal kinetic parameters of copper(II), nickel(II) and cobalt(II) complexes of 5-(trifluoromethyl)-2-methoxybenzamine: DNA binding, cytotoxicity, antioxidant and antimicrobial activity	2024	Journal of Molecular Structure	1295		136529			10.1016/j.molstruc.2023.136529
Ramisetti P.; Dumpala M.; Danikonda S.K.; Suramoni R.; Nampally B.; Katakam M.	Synthesis of biopolymer blends nanocomposites embedded with mono-(Ag, Fe) and bi-(Ag-Fe) metallic nanoparticles using an eco-friendly approach for antimicrobial activities	2024	Bioprocess and Biosystems Engineering						10.1007/s00449-024-03011-6
Krishna R.K.; Lodhi A.K.; Mohammed Z.H.; Matheen M.A.; Khaled A.S.; Altaf C.	Hybrid energy balancer for clustering and routing techniques to enhance the lifetime and energy-efficiency of wireless sensor networks	2024	Journal of Autonomous Intelligence	7	2	961			10.32629/jai.v7i2.961
Matkala B.; Boggala S.; Basavaraju S.; Sarma Akella V.S.; Aytam H.P.	Influence of sulphonation on Al-MCM-41 catalyst for effective bio-glycerol conversion to Solketal	2024	Microporous and Mesoporous Materials	363		112830			10.1016/j.micromeso.2023.112830
Ravindhar B.; Suresh Kumar B.; Mangu B.	White Shark Optimization for Efficient Conservation Voltage Reduction in Photovoltaic-Enriched Distribution Grids with Smart Inverters and Network Reconfiguration	2024	International Journal of Intelligent Engineering and Systems	17	1		418	427	10.22266/ijies2024.0229.37
Baburao B.; Kumar N.H.; Batoo K.M.; Hussain S.; Ravinder D.	Chemical synthesis of Mg <sub>0.8</sub> Zn <sub>0.2</sub> SmxFe <sub>2-x</sub> O <sub>4</sub> nanoparticles structural characterization, optical studies, electromagnetic properties, and applications	2024	Indian Journal of Physics						10.1007/s12648-024-03144-0
Anuradha P.; Annapurna D.; Radhika K.L.	Flexural Behaviour of Hybrid and Graded Fibre Reinforced Concrete	2024	Lecture Notes in Civil Engineering	440			433	444	10.1007/978-981-99-7464-1_32

Zulfajri M.; Sudewi S.; Rasool A.; Hsu S.C.N.; Huang G.G.	Fluorescent Ink and Chemical Sensing Towards Tartrazine Based on Nitrogen-Doped Carbon Dots Derived from Durian Seed Waste	2023	Waste and Biomass Valorization	14	12		3971	3986	10.1007/s12649-023-02109-4
Bandi N.; Rao N.V.K.; Naik B.R.	IDENTIFICATION OF INTRA PULSE MODULATION SIGNAL IN THE PRESENCE OF NOISE	2023	ARPN Journal of Engineering and Applied Sciences	18	21		2445	2454	10.59018/1123295
Bhukya K.K.; Bhukya B.	Exploration of Antidiabetic, Cholesterol-Lowering, and Anticancer Upshot of Probiotic Bacterium <i>Pediococcus pentosaceus</i> OBK05 Strain of Buttermilk	2023	Probiotics and Antimicrobial Proteins	15	6		1484	1500	10.1007/s12602-022-10002-0
Maalegoundla C.; Sangeetha G.; Sekhar K.C.; Sreenivasu D.; Shareefuddin M.	The influence of the substitution of PbF <sub>2</sub> with Al <sub>2</sub> O <sub>3</sub> on physical, optical, and spectroscopic properties of multicomponent glasses	2023	Journal of Materials Science: Materials in Electronics	34	33	2171			10.1007/s10854-023-11534-z
Majeed Ganai A.; Gopichand K.; Nageswara Rao N.; Nagaraju R.; kamal A.; Venkateswar Rao P.	Structural, spectral and biological studies of (E)-2-((2-(benzo[d]thiazol-2-yl)hydrazineylidene)methyl)-4,6-dibromophenol (HL) and its metal complexes of Mn(II), Cu(II), Co(II), Ni(II), and Zn(II)	2023	Results in Chemistry	6		101001			10.1016/j.rechem.2023.101001
Kalakonda P.; Thudumu S.; Mynepally S.L.; Mandal P.; Banne S.; Kalakonda P.B.; Podili B.B.	Engineering micro/nano-fibrous scaffolds with silver coating for tailored wound repair applications	2023	Journal of Nanoparticle Research	25	12	254			10.1007/s11051-023-05903-2
Srinu A.; Reddy K.S.	Significance of Melting Heat Transfer, Inclined Magnetic Field, and Thermal Radiation on the Dynamics of Williamson Nanofluid Above a Stretching Sheet	2023	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	111	1		41	57	10.37934/arfmts.111.1.4157
Suresh B.; Shyama Chandra Prasad G.	An Energy Efficient Secure routing Scheme using LEACH protocol in WSN for IoT networks	2023	Measurement: Sensors	30		100883			10.1016/j.measen.2023.100883

Kalpana P.; Sudha P.V.	Hybrid optimisation enabled deep learning for sentiment rating prediction towards text summarisation and question answering system	2023	International Journal of Ad Hoc and Ubiquitous Computing	44	4		240	257	10.1504/IJAHUC.2023.135111
Lokya V.; Parmar S.; Pandey A.K.; Sudini H.K.; Huai D.; Ozias-Akins P.; Foyer C.H.; Nwosu C.V.; Karpinska B.; Baker A.; Xu P.; Liao B.; Mir R.R.; Chen X.; Guo B.; Nguyen H.T.; Kumar R.; Bera S.K.; Singam P.; Kumar A.; Varshney R.K.; Pandey M.K.	Prospects for developing allergen-depleted food crops	2023	Plant Genome	16	4	e20375			10.1002/tpg2.20375
Jangala M.; Manche S.K.; Katika M.M.; Koralla R.M.; Akka J.	Association of CYP1A2 and GST gene variants with asthma in cases presenting with allergic chronic rhinosinusitis	2023	Egyptian Journal of Medical Human Genetics	24	1	22			10.1186/s43042-023-00397-y
Parmar S.; Janila P.; Gangurde S.S.; Variath M.T.; Sharma V.; Bomireddy D.; Manohar S.S.; Varshney R.K.; Singam P.; Pandey M.K.	Genetic mapping identified major main-effect and three co-localized quantitative trait loci controlling high iron and zinc content in groundnut	2023	Plant Genome	16	4	e20361			10.1002/tpg2.20361
Matta R.; Pochampally J.; Dhoddi B.N.; Bhookya S.; Bitla S.; Akkiraju A.G.	Synthesis, antimicrobial and antioxidant activity of triazole, pyrazole containing thiazole derivatives and molecular docking studies on COVID-19	2023	BMC Chemistry	17	1	61			10.1186/s13065-023-00965-8
Jagadesh Babu K.; Ayodhya D.; Shivaraj	Comprehensive investigation of Co(II), Ni(II) and Cu(II) complexes derived from a novel Schiff base: Synthesis, characterization, DNA interactions, ADME profiling, molecular docking, and in-vitro biological evaluation	2023	Results in Chemistry	6		101110			10.1016/j.rechem.2023.101110
Mouchani N.; Farahmand-Dashtarjandi A.H.; Yourdkhani A.; Poursalehi R.; Simhachalam N.B.	Oxygen vacancy modulation of hematite thin films using annealing in graphite bed for photoelectrochemical applications	2023	Surfaces and Interfaces	42		103456			10.1016/j.surfin.2023.103456
Lingamaiah D.; Krishna Reddy D.; Kumar P.N.	Improved Reinforcement Learning for Reliable Routing in Medical Wireless Sensor Networks	2023	Instrumentation Measure Metrologie	22	6		265	275	10.18280/i2m.220605

Mudavath S.; Ashok D.	Effect of Verapamil, a P-glycoprotein-1 and Cytochrome P450 3A4 Inhibitor, on Pharmacokinetics and Metabolic Stability of Ripretinib: A Drug–Drug Interaction Study in Rats	2023	European Journal of Drug Metabolism and Pharmacokinetics	48	6		733	746	10.1007/s13318-023-00860-6
Begum A.; Vani K.; Husain A.; Chinnagalla T.; Pradeep Kumar M.; Swapna S.; Ayodhya D.; Shaik A.	A comprehensive review of anti-diabetic activity of vanadium-based complexes via PTP-1B inhibition mechanism	2023	Results in Chemistry	6		101154			10.1016/j.rechem.2023.101154
Gujja V.; Sadineni K.; Epuru M.R.; Rao Allaka T.; Banothu V.; Gunda S.K.; Koppula S.K.	Synthesis and in Silico Studies of Some New 1,2,3-Triazolyltetrazole Bearing Indazole Derivatives as Potent Antimicrobial Agents	2023	Chemistry and Biodiversity	20	12	e202301232			10.1002/cbdv.202301232
Babu A.; Ruthvik K.; Supraja P.; Navaneeth M.; Kumar K.U.; Kumar R.R.; Prakash K.; Raju N.	High-performance triboelectric nanogenerator using ZIF-67/PVDF hybrid film for energy harvesting	2023	Journal of Materials Science: Materials in Electronics	34	33	2195			10.1007/s10854-023-11644-8
Laxman A.; Reddy N.S.S.; Naik B.R.	Design and implementation of hybrid logic based MAC unit using 45 nm technology	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	6		100317			10.1016/j.prime.2023.100317
Jahan P.; Bhuwalka R.; Begum M.; Madduru D.; Ahmad A.; Bonu R.	UP-regulated levels of sHLA-G in women with a history of RPL in mid-gestation presumably to achieve ongoing pregnancy	2023	American Journal of Reproductive Immunology	90	6	e13798			10.1111/aji.13798
Poleboyina P.K.; Alagumuthu M.; Pasha A.; Ravinder D.; Pasumarthi D.; Pawar S.C.	Entrectinib a Plausible Inhibitor for Osteopontin (SPP1) in Cervical Cancer—Integrated Bioinformatic Approach	2023	Applied Biochemistry and Biotechnology	195	12		7766	7795	10.1007/s12010-023-04541-7
George M.; Prasad M.; Selvaraj R.; Sakthieswaran N.; Sivakumar J.; Al-Mohaimed A.M.; Chen T.-W.; Al-Bahrani M.; Capangpangan R.Y.; Alguno A.C.	Enhancement of vibrational characteristics of rotating CFRP composite tapered plates reinforced by graphene nanoparticles	2023	Polymer Composites	44	11		8021	8036	10.1002/pc.27685

Jarupula V.; Praveen Kumar E.; Bujji S.; Shivarathri P.; Neeradi S.; Morthad M.; Reddy K.L.	Synthesis of Novel Hybrids Containing 1,2,3-Triazole-Linked Tetrazole Moieties, Evaluation of Anticancer Activity and Molecular Docking Studies	2023	Russian Journal of General Chemistry	93	Suppl 4		S849	S857	10.1134/S1070363223170012
Praveena K.; Kumar P.N.; Reddy D.K.	Ionospheric irregularities measurement using Indian SBAS-GAGAN	2023	Aerospace Systems	6	4		595	604	10.1007/s42401-023-00222-9
Husain A.; Devi C.S.; Anupama B.	Synthesis, characterization, DNA binding, protein binding, antioxidant and anti microbial activity of tetrazole ring based complexes	2023	Journal of Molecular Structure	1291		135963			10.1016/j.molstruc.2023.135963
Tadepalli R.K.; Sastry D.V.A.R.; Rao K.N.; Rao C.S.P.	Comparison of Control Strategies in the Design of Semi-Active Secondary Suspension of a Railway Wagon	2023	International Journal of Vehicle Structures and Systems	15	6		797	801	10.4273/ijvss.15.6.11
Ahmed Mahmoodi M.M.; Ahmmad S.K.; Ramadevudu G.; Rammah Y.S.; Laxman Naik J.	Structure, Radiation Shielding Characteristics, Bioactive Studies and Artificial Intelligence Density Prediction of Mixed Alkali B2O3-SiO2-CaO-ZnO Glasses	2023	Silicon	15	18		7979	7993	10.1007/s12633-023-02645-7
Ramesh K.; Jagadha S.; Gopal D.; Naik S.H.S.; Kishan N.	One Dimensional Radiative Nanofluid Flow with Heat Generative Al <sub>2</sub> O <sub>3</sub> -H <sub>2</sub> O and Cu-H <sub>2</sub> O Nanoparticles Reactions Chemically	2023	AIP Conference Proceedings	2943	1	40001			10.1063/5.0190329
Bharath K.; Nandigama S.V.; Dasari R.K.; PandhariPande V.M.	Three-dimensional-printed dual-polarized high-isolation horn antenna at Ka-band	2023	Microwave and Optical Technology Letters	65	12		3312	3318	10.1002/mop.33859
Gayatri M.B.; Kancha R.K.; Behera A.; Patchva D.; Velugonda N.; Gundeti S.; Reddy A.B.M.	AMPK-induced novel phosphorylation of RUNX1 inhibits STAT3 activation and overcome imatinib resistance in chronic myelogenous leukemia (CML) subjects	2023	Cell Death Discovery	9	1	401			10.1038/s41420-023-01700-x

Naz A.; Subrahmanyam C.; Rachamalla S.S.	DEVELOPMENT OF QUANTITATIVE METHOD OF TULO BUTEROL HYDROCHLORIDE IN RAT PLASMA: VALIDATION AND APPLICATION TO PRECLINICAL PHARMACOKINETICS	2023	International Journal of Applied Pharmaceutics	15	6		229	234	10.22159/ijap.2023v15i6.49118
Radhika A.; Burgula S.; Badapanda C.; Hussain T.; Naushad S.M.	Elucidation of genetic determinants of dyslipidaemia using a global screening array for the early detection of coronary artery disease	2023	Mammalian Genome	34	4		632	643	10.1007/s00335-023-10017-0
Nagulapally S.D.; Edigi P.; Gurrupu N.; Thumma V.; Naikal P.S.	Synthesis, anticancer activity and molecular docking of hydroxyquinoline containing chalcone-1,2,3-triazole conjugates	2023	Chemical Data Collections	48		101076			10.1016/j.cdc.2023.101076
Venkata Subbareddy K.; Pavani B.; Sowmya G.; Ramadevi N.	Residual Neural Networks for Human Action Recognition from RGB-D Videos	2023	Journal of Image and Graphics(United Kingdom)	11	4		343	352	10.18178/joig.11.4.343-352
Sultana R.; Kumari A.S.; Ayodhya D.; Maragoni V.	Monowave synthesis of silver nanoparticles using guar gum: Characterization, anticancer, antimicrobial, antioxidant and catalytic activities	2023	Results in Chemistry	6		101082			10.1016/j.rechem.2023.101082
Chernapalli V.; Rokkala S.C.; Bhootham V.; Rupula K.	IN SILICO STUDIES ON THE BINDING AFFINITY OF ROSMARINIC ACID, ALPHA TOCOPHEROL AND THEIR DERIVATIVES WITH CYP51 OF Candida SPECIES AND THEIR DRUG LIKELINESS POTENCIES	2023	Applied Biological Research	25	3		291	302	10.5958/0974-4517.2023.00034.4
Sriram K.; Mamatha Rani G.	Optical and X-Ray Studies of Marginal Contact Binary RW Dor Using TESS and XMM-Newton Observatories	2023	Research in Astronomy and Astrophysics	23	11	115020			10.1088/1674-4527/acf442
Narendar G.; Shiva Kumar P.; Chandra Sekhar V.	CFD Investigation on Lift and Drag Coefficients on a Car at Various Angles of Rear Diffuser	2023	AIP Conference Proceedings	2821	1	80022			10.1063/5.0159074

Babu P.R.; Dasari R.K.	Ultra-wide band electromagnetic band gap (EBG) antenna with WiMAX, WLAN and satellite downlink communication band notching	2023	Information and Knowledge Systems				129	146	
Rachuru S.; Vandanapu J.	Transmission of substituent effect through $\pi$ -conjugation by cyclobutane ring	2023	Journal of Chemical Sciences	135	4	107			10.1007/s12039-023-02220-y
Bharathi A.; Ravi Shankar Reddy G.	A novel dual-sense polarization reconfigurable dual-band microstrip antenna	2023	AEU - International Journal of Electronics and Communications	171		154926			10.1016/j.aeue.2023.154926
Anitha N.; Jhansi Lakshmi P.; Mudavath R.; Sarala Devi C.	Experimental and theoretical studies on structural aspects of transition metal complexes of isonicotinoyl N-oxide hydrazone: Their DNA-binding interaction and cytotoxicity	2023	Applied Organometallic Chemistry	37	12	e7289			10.1002/aoc.7289
Sangolgi N.B.; Sasikala	Custom administering attention module for segmentation of magnetic resonance imaging of the brain	2023	International Journal of Reconfigurable and Embedded Systems	12	3		376	383	10.11591/ijres.v12.i3.pp376-383
Hashim M.; Nayak D.R.; Ahmed A.; Kumar S.; Shirsath S.E.; Ismail M.M.; Sharma S.K.; Alayasreh M.A.; Kumar R.; Ravinder D.; Jotania R.B.; Meena S.S.; Batoo K.M.	Corrigendum to "Structural, dielectric, electric and magnetic properties of magnesium substituted lithium nanoferrites" [Ceram. Int. 49 (2023) 31114–31123, (S0272884223019818), (10.1016/j.ceramint.2023.07.056)]	2023	Ceramics International	49	22		35700	35701	10.1016/j.ceramint.2023.08.244
Parameshwar G.; Rao N.V.K.; Devi L.N.	Slime Mould-Based Collaborative Deep Boltzmann Machine for Intrusion Detection Model in Mobile Ad Hoc Network	2023	SSRG International Journal of Electrical and Electronics Engineering	10	11		31	38	10.14445/23488379/IJEEE-V10I11P103
Sowjanya P.; Pavan Kumar N.; Chelvane A.; Ramana Reddy M.V.	Comparative study between Ni-Co ferrite and multi rare earth element doped Ni-Co ferrite	2023	Materials Science and Engineering: B	297		116753			10.1016/j.mseb.2023.116753

Peddaboina U.R.; Sadhula A.; Aniseti R.N.	Coumarin Imidazolone Hybrid as Inhibitor of Topoisomerase Type II and Hsp90 and as Potent Antimicrobials	2023	Asian Journal of Chemistry	35	11		2689	2702	10.14233/ajchem.2023.28004
Durgam M.K.; Bodiga V.L.; Vemuri P.K.; Aenugu V.R.; Bodiga S.	2-hydroxy-4-methoxy benzaldehyde from Hemidesmus indicus root extract suppresses toll-like receptor2-mediated migration and invasive mechanisms in rheumatoid arthritis	2023	Journal of Herbal Medicine	42		100820			10.1016/j.herm.2023.100820
Suman G.; Sreenath Reddy M.; Vinay Kumar Reddy K.; Gopal Reddy C.; Yadagiri Reddy P.	Natural background gamma radiation levels: A village, Peddamula, in the vicinity of proposed uranium mineralized area, Nalgonda District, Telangana State, India	2023	Nuclear and Particle Physics Proceedings	339-340			5	9	10.1016/j.nuclphysbps.2023.07.002
Bodapatla S.K.; Sarma P.M.; Gaddam M.	A Robust UDE-Based 2DOF Controller for Mitigating Sub-Synchronous Control Interaction in Wind Power Plants	2024	Electric Power Components and Systems	52	4		610	628	10.1080/1532508.2023.2228785
Gugulothu R.; Sanke N.	Experimental investigation of heat transfer characteristics for a shell and tube heat exchanger	2024	Energy Harvesting and Systems	11	1	20220147			10.1515/ehs-2022-0147
GuruBrahmam K.; Rao T.R.; Reddy M.C.S.	Study on Prediction of Added Damping from Inclined PZT-5 H for Bending and Torsional Modes	2023	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	47	4		2257	2275	10.1007/s40997-023-00638-w
Tunk N.; Kumar A.A.	Work from home - A new virtual reality	2023	Current Psychology	42	34		30665	30677	10.1007/s12144-021-02660-0
Manda K.; Kandula M.; Aytam P.H.; Basak P.; Sarma A.V.S.; Akula V.	Methane conversion to H2 and carbon nanofibers over supported Ni catalysts: A sustainable process through utilization of deactivated catalysts	2024	Environmental Progress and Sustainable Energy	43	1	e14222			10.1002/ep.14222



Jagadesh Babu K.; Daravath S.; Swathi M.; Ayodhya D.; Shivaraj	Synthesis, anticancer, antibacterial, antifungal, DNA interactions, ADMET, molecular docking, and antioxidant evaluation of novel Schiff base and their Co(II), Ni(II) and Cu(II) complexes	2023	Results in Chemistry	6		101121			10.1016/j.rechem.2023.101121
Venkata Subbareddy K.; Nirmala Devi L.	View Invariant Spatio-Temporal Descriptor for Action Recognition from Skeleton Sequences	2023	IEEE Transactions on Artificial Intelligence	4	6		1399	1412	10.1109/TAI.2023.3213234
Sreenivas B.; Ahmmad S.K.; Rammah Y.S.; Bindu P.H.	Radiation shielding capacity and machine learning density prediction of boro-bismuth cadmium zinc glasses	2023	Open Ceramics	16		100493			10.1016/j.oceram.2023.100493
Jawahar S.; Shridhar K.; Dhananjayan V.; Panjakumar K.; Ravichandran B.; Nath A.R.; Rao N.B.	Assessment of Particulate and Gaseous Fluoride in Phosphate Fertilizer Industry	2023	Nature Environment and Pollution Technology	22	4		2189	2194	10.46488/NEPT.2023.v22i04.045
Vasanth Rao A.; Narsimha K.; Swarupa G.; Anuradha N.; Kranthi Kumar B.; Ravinder Reddy D.; Upender G.; Vijaya Kumar B.	Sn doped CdWO <sub>4</sub> nanorods for augmented photodegradation of methyl orange	2023	Materials Letters	353		135304			10.1016/j.matlet.2023.135304
Shravan C.; Fatima K.; Sekhar P.C.	Design and Development of Novel Refresh Technique for Gain Cell Embedded DRAM	2023	SN Computer Science	4	6	786			10.1007/s42979-023-02223-z
Chandra Sekhar V.; Sudha Madhuri K.; Narendar G.	Tensile Behaviour of Natural Fibre Epoxy Composites	2023	AIP Conference Proceedings	2821	1	60016			10.1063/5.0165351
Myakala N.; Kandula K.; Rayala N.; Kuna S.; Thumma V.; Durga Bhavani Anagani K.	Design, Synthesis of Novel 1,2,3-Triazole Pendent Quinazolinones and Their Cytotoxicity against MCF-7 Cell Line	2023	Chemistry and Biodiversity	20	12	e202300800			10.1002/cbdv.202300800

Ulaganathan K.; Puranam K.; Mukta S.; Hanumanth S.R.	Expression profiling of luminal B breast tumor in Indian women	2023	Journal of Cancer Research and Clinical Oncology	149	15		13645	13664	10.1007/s00432-023-05195-y
Bedala K.K.; Gonugunta P.; Soleimani M.; Mádaí E.; Taheri P.; Padamati S.K.; Nagaraju P.; Upender G.; Vijaya Kumar B.	Facile synthesis of ZnIn <sub>2</sub> S <sub>4</sub> /Cu <sub>2</sub> O hierarchical heterostructures for enhanced selectivity and sensitivity of NH <sub>3</sub> gas at room temperature	2023	Applied Surface Science	640		158315			10.1016/j.apsusc.2023.158315
Suvarna T.; Ganga Reddy K.; Mohan V.M.; Lavanya G.; Ramana Reddy M.V.; Vardhani C.P.	Investigation on Sb-doped SnO <sub>2</sub> as an efficient sensor for the detection of formaldehyde	2023	Materials Today Communications	37		107438			10.1016/j.mtcomm.2023.107438
Gunda G.K.T.; Chauhan M.; Ansary M.; Chauhan P.; Goud S.; Batham A.; Sankaran B.	Volcanic Ash Modelling of Barren Island Volcano, India, Using Satellite Data	2023	Journal of the Indian Society of Remote Sensing	51	12		2403	2419	10.1007/s12524-023-01775-0
Maddu J.; Karrolla B.; Shaik R.U.	Experimental Investigation and Multi Objective Optimization of EDM Machining Performance Parameters on Ti-6Al-4V	2023	AIP Conference Proceedings	3006	1	30009			10.1063/5.0186572
Kumar M.P.; Ayodhya D.	Synergistic effect of Ag/CuO composites on g-C <sub>3</sub> N <sub>4</sub> nanosheets towards the visible-light active photocatalytic degradation of substituted benzoic acids in novel Ag/CuO@gCN heterojunction composites	2023	Results in Chemistry	6		101069			10.1016/j.rechem.2023.101069
Siliverly A.K.; Rao Kovvur R.M.; Solleti R.; Kumar L.S.; Madhu B.	A model for multi-attack classification to improve intrusion detection performance using deep learning approaches	2023	Measurement: Sensors	30		100924			10.1016/j.measen.2023.100924
Boppena K.; Mekala M.; Mallarapu L.P.; Mohammed R.W.; Uttaravalli A.N.; Gidla B.R.; Addanki V.K.	Extraction of rain water tree seed oil: Sustainable applications and management	2023	Bioresource Technology Reports	24		101657			10.1016/j.biteb.2023.101657

Srinivas D.; Reddy N.S.S.; Naik B.R.	Design and analysis of hybrid 10T adder for low power applications	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	6		100379			10.1016/j.prime.2023.100379
Mulkapuri S.; Siddikha A.; Ravi A.; Saha P.; Kumar A.V.; Boodida S.; Vithal M.; Das S.K.	Electrocatalytic Hydrogen Evolution by a Uranium(VI) Polyoxometalate: an Environmental Toxin for Sustainable Energy Generation	2023	Inorganic Chemistry	62	48		19664	19676	10.1021/acs.inorgchem.3c03018
Swetha K.; Bharadwaj S.; Kommuri K.; Venkatesh R.; Arout Chelvane J.; Siva Kumar K.V.; Kalyana Lakshmi Y.	Improvement of Magnetocaloric Effects and Study of Magneto-Transport Behavior of Lanthanum Strontium Manganites by Grain Boundary Management via Additives	2023	Journal of Electronic Materials	52	12		8250	8262	10.1007/s11664-023-10748-5
Vinaya Chandu Vidya Sagar G.; Reddy P.J.; Suravajhala P.; Suravajhala R.; Uday Kiran V.; Kavi Kishor P.B.; Venkateswarulu T.C.; Polavarapu R.	Performance evaluation of in-house developed Covid-19 IgG/IgM antibody rapid diagnostic kit	2023	AMB Express	13	1	116			10.1186/s13568-023-01620-0
Devi A.M.; Sankeshi V.; Ravali A.; Bandaru S.; Theendra V.K.; Sagurthi S.R.	Inhibitory effect of Nifedipine on aldose reductase delays cataract progression	2024	Naunyn-Schmiedeberg's Archives of Pharmacology	397	1		161	171	10.1007/s00210-023-02588-1
Radarapu S.; Gorityala N.; Banala U.K.; Sagurthi S.R.; Korripally P.	Functional Characterization of the Tmg-4 Magnesium Transporter with the GQN Motif from Neurospora crassa	2023	Journal of Pure and Applied Microbiology	17	4		2609	2619	10.22207/JPAM.17.4.60
Vandanapu J.; Rachuru S.; Skelton A.A.; Kumar K.S.	pK as of Five Membered Heterocyclic Ring Systems C <sub>4</sub> H <sub>4</sub> XH (X = N, P, As, Sb, Bi, Mc) Including the Novel Hypothetical Molecule Moscole (C <sub>4</sub> H <sub>4</sub> Mch)	2023	Russian Journal of Physical Chemistry A	97	11		2463	2469	10.1134/S0036024423110134
Yadav R.; Vikas; Lahariya V.; Tanwar M.; Kumar R.; Das A.; Sadhana K.	A study on the photophysical properties of strong green-fluorescent N-doped carbon dots and application for pH sensing	2023	Diamond and Related Materials	139		110411			10.1016/j.diamond.2023.110411

Fatema N.; Ali S.K.; Azooz R.E.; Vijjulatha M.; Arifuddin M.; Khan S.A.; Arif P.M.; Ullah Q.	Green and Efficient Chemo-selective Synthesis of Chalcone Imines (2,2-Unsaturated imine) using Baker's Yeast	2023	Asian Journal of Chemistry	35	11		2809	2814	10.14233/ajchem.2023.30302
Naik B.R.; Tyagi B.K.; Xue R.-D.	MOSQUITO-BORNE DISEASES IN INDIA OVER THE PAST 50 YEARS AND THEIR GLOBAL PUBLIC HEALTH IMPLICATIONS: A SYSTEMATIC REVIEW	2023	Journal of the American Mosquito Control Association	39	4		258	277	10.2987/23-7131
Kishor P.B.K.; Guddimali R.; Kulkarni J.; Singam P.; Somanaboina A.K.; Nandimandalam T.; Patil S.; Polavarapu R.; Suravajhala P.; Sreenivasulu N.; Penna S.	Impact of Climate Change on Altered Fruit Quality with Organoleptic, Health Benefit, and Nutritional Attributes	2023	Journal of Agricultural and Food Chemistry	71	46		17510	17527	10.1021/acs.jafc.3c03312
Spandana K.; Reddy C.G.; James A.R.	Structural and electrical properties of PLZT x/65/35 ceramics prepared via mechanical activation method near the morphotropic phase boundary	2023	Ceramics International	49	23		39409	39418	10.1016/j.ceramint.2023.09.286
Vishnu T.; Veerabhadraiah M.; Krishna Chaitanya V.; Nagamani M.; Raghavender M.; Jalapathi P.	Design, synthesis and anticancer activity of 5-((2-(4-bromo/chloro benzoyl) benzofuran-5-yl) methyl)-2-((1-(substituted)-1H-1,2,3-triazol-4-yl)methoxy)benzaldehyde analogues	2023	Molecular Diversity	27	6		2695	2713	10.1007/s11030-022-10575-6
Sirigiripeta S.; Dokala A.; Anupalli R.	Synergistic Anti-Cancer Potential of Phenethyl Isothiocyanate and Curcumin Induces Apoptosis and G2/M Cell Cycle Arrest in HER2-Positive Breast Cancer Cells	2023	Cytology and Genetics	57	6		611	624	10.3103/S0095452723060087
Sahya A.; Sonkamble S.; Jampani M.; Narsing Rao A.; Amerasinghe P.	Field site soil aquifer treatment shows enhanced wastewater quality: Evidence from vadose zone hydro-geophysical observations	2023	Journal of Environmental Management	345		118749			10.1016/j.jenvman.2023.118749
Farahmand-Dashtarjandi A.H.; Yourdkhani A.; Poursalehi R.; Simhachalam N.B.	Post-annealing of hematite films: The changes in surface chemistry, lattice dynamics, and photoelectrochemical properties	2023	Journal of Alloys and Compounds	962		171122			10.1016/j.jallcom.2023.171122

Oleti N.; Sunkara M.S.; Kurella P.; Manchi S.; Sattu H.	Novel Imidazole 2-Amino Pyrimidine Derivatives: In silico Studies, Evaluation of Their Anti-Cancer Activity Against Human-CDK2	2023	Hacettepe University Journal of the Faculty of Pharmacy	43	4		285	300	10.52794/hujph arm.1177687
Thalla B.; Rani K.N.P.; Doodla J.P.; Thella P.K.; Eda S.	Reactive Extraction of Free Fatty Acids from Jatropa Oil as a Pre-processing Step in Biodiesel Preparation: Experimental Evaluation and Parametric Optimization	2023	Arabian Journal for Science and Engineering	48	12		16051	16065	10.1007/s13369-023-07969-5
Swapna D.; Govardhan K.; Narender G.; Misra S.	Viscous Dissipation and Chemical Reaction on Radiate MHD Casson Nanofluid Past a Stretching Surface with a Slip Effect	2023	Journal of Heat and Mass Transfer Research	10	2		315	328	10.22075/JHMT R.2024.31758.1477
Ahmed S.A.; Ahmmad S.K.; Rammah Y.S.; Talaat S.; Pramod J.P.; Jaleeli K.A.	Effect of ion implantation on physical, optical properties and gamma-ray shielding capacity of boro-zinc bismuthate glasses	2023	Optical and Quantum Electronics	55	14	1214			10.1007/s11082-023-05515-z
Poleboyina S.M.; Poleboyina P.K.; Pawar S.C.; Guntuku G.	Homology Modeling, Screening, and Identification of Potential FOXO6 Inhibitors Curtail Gastric Cancer Progression: an In Silico Drug Repurposing Approach	2023	Applied Biochemistry and Biotechnology	195	12		7708	7737	10.1007/s12010-023-04490-1
Jagadeesh S.; Chenna Krishna Reddy M.; Tarakaramu N.; Ahmad H.; Askar S.; Shukhratovich Abdullaev S.	Convective heat and mass transfer rate on 3D Williamson nanofluid flow via linear stretching sheet with thermal radiation and heat absorption	2023	Scientific Reports	13	1	9889			10.1038/s41598-023-36836-4
Bindu G.H.; Ramaswamy K.; Veerasomaiah P.; Vithal M.	Synthesis, characterization and photocatalytic studies of visible light responsive K3MTe3O12 (M = Cr, Fe and Ga)	2023	Chemical Papers	77	12		7603	7614	10.1007/s11696-023-03039-0
Rakesh S.; Hegde N.P.; Venu Gopalachari M.; Jayaram D.; Madhu B.; Hameed M.A.; Vankdothu R.; Suresh Kumar L.K.	Moving object detection using modified GMM based background subtraction	2023	Measurement: Sensors	30		100898			10.1016/j.meas en.2023.100898

Reshma; Shaik H.; Manohar K.; Mukesh B.; Boddu R.R.; Ittikyala S.; Somaiah P.V.	Synthesis, Characterization, Biological Activity of PEG Capped Silver Nanoparticles and Photocatalytic Degradation of Methylene Blue Dye using LC-MS Method	2023	Asian Journal of Chemistry	35	11		2715	2725	10.14233/ajchem.2023.27005
Bontha L.; Edigi P.K.; Dokala A.; Pingili D.; Putta V.R.; Vuradi R.; Kotha L.R.; Sirasani S.	Synthesis, in-silico based virtual screening, anti-cancer potential of novel 1,2,3-triazole-thiadiazole hybrid derivatives as Aurora kinase A (ARK-A) and Extracellular regulated kinase 2 (ERK2) dual inhibitors	2023	Medicinal Chemistry Research	32	11		2419	2431	10.1007/s00044-023-03132-9
Meenakshamma A.; Mounika P.M.; Gurulakshmi M.; Susmitha K.; Haranath D.; Goswami L.; Gupta G.; Someshwar P.; Raghavender M.	Voltage- and Power-Conversion Performance of Bi-functional ZrO <sub>2</sub> : Er <sup>3+</sup> / Yb <sup>3+</sup> Assisted and Co-sensitized Dye Sensitized Solar Cells for Internet of Things Applications	2023	ChemPhysChem	24	22	e202300572			10.1002/cphc.202300572
Lakkadi A.; Vuppala S.; Nampally V.; Kim J.; Kim K.; Jang J.; Tigulla P.	Development of novel chromones as antioxidant COX2 inhibitors: in vitro, QSAR, DFT, molecular docking, and molecular dynamics studies	2024	Journal of Biomolecular Structure and Dynamics	42	6		2793	2808	10.1080/07391102.2023.2212785
Desai N.C.; Khasiya A.G.; Jadeja D.J.; Monapara J.D.; Jethawa A.M.; Dave B.P.; Sivan S.K.; Manga V.; Mhaske P.C.; Chaudhary D.R.	Synthesis, Antifungal Ergosterol Inhibition, Antibiofilm Activities, and Molecular Docking on $\beta$ -Tubulin and Sterol 14-Alpha Demethylase along with DFT-Based Quantum Mechanical Calculation of Pyrazole Containing Fused Pyridine-Pyrimidine Derivatives	2023	ACS Omega	8	41		37781	37797	10.1021/acsomega.3c01722
Krishna P.S.; Nenavath R.K.; Sudha Rani S.; Anupalli R.R.	Cardioprotective action of Amaranthus viridis methanolic extract and its isolated compound Kaempferol through mitigating lipotoxicity, oxidative stress and inflammation in the heart	2023	3 Biotech	13	9	317			10.1007/s13205-023-03680-2
Nirish M.; Rajendra R.	Modeling and optimization of process parameter for fatigue strength improvement by selective laser melting of AlSi10Mg	2023	Computational Intelligence based Optimization of Manufacturing Process for				147	162	10.1201/9781003257714-8
Parvathalu K.; Kumar D.N.; Rajitha K.; Kishan M.G.; Kumar B.N.; Bhemarajam J.; Naidu S.R.; Merlinsheeba G.L.; Mandal P.; Banne S.; Dayanand A.; Morampudi V.; Murali B.; Vinodini S.E.N.; Reddy Y.V.; Bhaskar P.B.	Facile Synthesis of Silver Nanoparticles Using Green Tea Leaf Extract and Evolution of Antibacterial Activity	2023	Plasmonics	18	5		1837	1845	10.1007/s11468-023-01899-6

Kotte S.; Durga G.K.	A thermally aware performance analysis of quantum cellular automata logic gates	2023	International Journal of Electrical and Computer Engineering	13	5		4987	4995	10.11591/ijece.v13i5.pp4987-4995
Kaushal A.; Khurana I.; Yadav P.; Allawadhi P.; Banothu A.K.; Neeradi D.; Thalugula S.; Barani P.J.; Naik R.R.; Navik U.; Bharani K.K.; Khurana A.	Advances in therapeutic applications of silver nanoparticles	2023	Chemico-Biological Interactions	382		110590			10.1016/j.cbi.2023.110590
Jagirdar R.; Pothuneni R.R.; Devarapalli S.P.; Medari R.P.; Manurkar B.	The first photometric, period variation, and flare activity studies of TIC 24233294: Reviewing with the latest results of well-studied late-type active binaries	2023	Advances in Space Research	72	8		3509	3530	10.1016/j.asr.2023.06.011
Vijaya Krishna B.; Seetharamaiah N.; Siva Rama Krishna L.	Performance Evaluation of A Hydrodynamic Journal Bearing using Nano Ferro Fluid Lubricants with Varying Concentration of Iron Oxide Nanoparticle Additives (Fe <sub>3</sub> O <sub>4</sub> )	2023	SSRG International Journal of Mechanical Engineering	10	8	IJME-V10I8P106	60	74	10.14445/23488360/IJME-V10I8P106
Rakhin K.V.; Onkar P.S.; Hayavadana J.	Modelling and prediction of visual-haptic perception in textiles	2023	Indian Journal of Fibre and Textile Research	48	3		253	261	10.56042/ijfr.v48i3.6053
Kularkar A.; Chaudhari S.D.; Rohilla G.; Ravi M.; Muralidhar Reddy P.; Nagababu P.	An insight into mimic of photo-Fenton degradation of ciprofloxacin and tetracycline	2023	Separation and Purification Technology	319		124100			10.1016/j.seppur.2023.124100
Rao P.N.; Sekhar K.C.; Ramesh T.; Reddy M.C.S.; Rao K.V.; Shareefuddin M.; Rao B.A.	Effect of glass modifier to former ratio on spectroscopic and transport properties of silver boro-tellurite glass system	2023	Journal of Materials Science: Materials in Electronics	34	25	1756			10.1007/s10854-023-11165-4
Saritha J.; Waghray K.	Mathematical Modelling of Dried Carica papaya Leaves	2023	Agricultural Science Digest	43	4		514	520	10.18805/ag.D-5669

Rama Devi G.R.; Swamy Das M.; Ramana Murthy M.V.	Secure cross-layer routing protocol with authentication key management scheme for manets	2023	Measurement: Sensors	29		100869			10.1016/j.meas-en.2023.100869
Kuchkulla N.; Gaddam M.; Narasimhulu V.	Concert Exploration of DFIG Grid-integrated MMC using Artificial Intelligence	2023	Engineering, Technology and Applied Science Research	13	4		11466	11471	10.48084/etasr.6109
Gajula S.K.; Kanthala S.K.; Narra M.R.; Vanamala V.D.	Individual and interactive biochemical profile damages in Labeo rohita (Cyprinidae) by imidacloprid and clothianidin	2023	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	271		109689			10.1016/j.cbpc.2023.109689
Yalla M.R.; Jeedi V.R.; Shashi Devi S.; Narender Reddy S.; Sadananda Chary A.	Impact of EC-plasticizer on electrical and dielectrical properties of PEO/PVdF/NaNO3 solid polymer electrolyte systems	2023	Bulletin of Materials Science	46	3	167			10.1007/s12034-023-03007-0
Gobena W.T.; Duressa G.F.; Challa L.S.	Fitted Difference Scheme on a Non-uniform Mesh for Singularly Perturbed Parabolic Reaction–Diffusion with Large Negative Shift and Non-local Boundary Condition	2023	International Journal of Applied and Computational Mathematics	9	5	109			10.1007/s40819-023-01553-z
Nagesh T.; Ramesh K.; Ashok B.; Jyothi L.; Vijaya Kumar B.; Upender G.	Insights into charge transfer via Z-scheme for Rhodamine B degradation over novel Co3O4/ZnFe2O4 nanocomposites	2023	Optical Materials	143		114140			10.1016/j.optmat.2023.114140
Jawale S.N.; Joshi R.N.; Hayavadana	Tensile and surface properties of ring, compact and hybrid double yarns	2023	Asian Textile Journal	32	45513		58	62	
Baddam S.R.; Kalagara S.; Kuna K.; Enaganti S.	Recent advancements and theranostics strategies in glioblastoma therapy	2023	Biomedical Materials (Bristol)	18	5	52007			10.1088/1748-605X/acf0ab



Karumanchi A.R.; Poda S.; Satya K.; Meghana K.; Tejaswi N.; Padala G.G.; Kishor P.B.K.	Discerning the Dynamics of Sodium Transport in Plants Crucial for Developing Crops Resilient to Salt Stress	2023	Current Trends in Biotechnology and Pharmacy	17	3		968	978	10.5530/ctbp.2023.3.34
Deepika G.; Suresh V.; Rupula K.; Bantal V.; RB S.	Synthesis and evaluation of anti-inflammatory and anti-nociceptive potentials of biopolymer based curcumin nanoparticle construct: In silico, in vitro and in vivo studies	2023	Bioactive Carbohydrates and Dietary Fibre	30		100381			10.1016/j.bcdf.2023.100381
Maheshwaram S.; Gaddameedi S.; Chidurala S.C.; Katlakunta S.; Mudutanapalli V.N.; Daripalli S.; Butreddy R.R.	Structural and electrochemical properties of Cu doped NiCo <sub>2</sub> O <sub>4</sub> prepared by microwave hydrothermal method	2023	Materials Letters	348		134650			10.1016/j.matlet.2023.134650
Sharath Babu M.; Srivani A.; Srinivasa Rao B.; Ayodhya D.	Indium exchanged heteropoly tungstates: Efficient catalysts for the synthesis of glycerol carbonate from glycerol and urea	2023	Inorganica Chimica Acta	556		121655			10.1016/j.ica.2023.121655
Padmasree R.; Naik B.R.	Improvement in the Quality of Services in Sub-6 GHz/mm Wave Using Equalizers and Decoupling of UL and DL with Machine Learning Approach	2023	Journal of Communications	18	9		599	607	10.12720/jcm.18.9.599-607
Samineni S.; Ramesh K.	Measuring the Impact of Microfinance on Economic Enhancement of Women: Analysis with Special Reference to India	2023	Global Business Review	24	5		1076	1091	10.1177/0972150920923108
Kumar T.S.; Sriramulu G.; Raju P.; Ramesh T.; Praveena K.; Katlakunta S.	Structural, Optical, Magnetic and Dielectric Properties of Ce-Doped MgFe <sub>2</sub> O <sub>4</sub> Prepared by Microwave Hydrothermal Method	2023	ECS Journal of Solid State Science and Technology	12	9	93014			10.1149/2162-8777/ac7ef
Ambala S.; Thumma V.; Mallikanti V.; Aitha S.; Matta R.; Pochampally J.	Design, Synthesis, and Cytotoxicity of Some New Benzimidazole-Piperazine Conjugate Analogues Against Human Breast Adenocarcinoma	2023	ChemistrySelect	8	31	e202302393			10.1002/slct.202302393

Maalegoundla C.; Hameed A.; Ramadevudu G.; Shareefuddin Md.	The Physical, Optical and EPR Studies of PbF <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -CuO Glasses	2023	AIP Conference Proceedings	2839	1	50004			10.1063/5.0167723
Ramanujan C.S.; Alrowaili Z.A.; Sekhar K.C.; Alzahrani J.S.; Shareefuddin M.; Haritha L.; Olarinoye I.O.; Nagaraju R.; Al-Buriah M.S.	Synthesis and Optimization of Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -Cr <sub>2</sub> O <sub>3</sub> Glass System for Structural, Optical, and Radiation Shielding Properties	2023	Journal of Electronic Materials	52	10		6445	6459	10.1007/s11664-023-10613-5
Jayasri B.; Rajeshwari K.; Vasantha P.; Anantha Lakshmi P.V.	Ternary Cobalt (II)-Metformin-Glycine/Histidine/Proline Complexes: Multispectroscopic DNA, HSA, and BSA Interaction and Cytotoxicity Studies	2023	Biological Trace Element Research	201	11		5481	5499	10.1007/s12011-023-03606-2
Lahiri D.; Rani G.M.; Sriram K.	A study of flare emission in DV Psc using TESS data	2023	Astrophysics and Space Science	368	10	90			10.1007/s10509-023-04243-w
Balu V.; Krishnaveni K.; Malla P.; Malla S.G.	Improving the power quality and hydrogen production from renewable energy sources based microgrid	2023	Engineering Research Express	5	3	35037			10.1088/2631-8695/acecdb
Alumuri T.; Merugu K.S.; Namburi L.A.A.; Kurnool A.; SaravanaVadivu A.; Balasubramanian S.	An Antiviral Drug-Peramivir: Degradation and Identification of Impurities and the Endorsement of an HPLC-MS Method	2023	Journal of AOAC International	106	5		1138	1144	10.1093/jaoacint/qsad046
Bhavsingh B.; Babu G.S.; Mangu B.; Bhukya R.	A receiver-side power control method for series-series magnetic topology in inductive contactless electric vehicles battery charger application	2023	International Journal of Advances in Applied Sciences	12	3		234	249	10.11591/ijaas.v12.i3.pp234-249
Chennamsetti P.; Chevula K.; Patnam N.; Thumma V.; Manga V.	Design, synthesis of novel substituted imidazole derivatives: Cytotoxicity and molecular docking studies	2023	Chemical Data Collections	47		101061			10.1016/j.cdc.2023.101061

Raajitha R.; Srinivas C.S.; Goteti S.S.; Rao A.N.; Nowbattula P.K.	Learning Critical Thinking Skills through Reading during Pandemic Time	2023	AIP Conference Proceedings	2794	1	20036			10.1063/5.0166160
Nitnavare R.B.; Pothana A.; Yeshvekar R.K.; Bhattacharya J.; Sapara V.; Reddy P.S.; Ramtirtha Y.; Tarafdar A.; Sharma M.; Bhatnagar-Mathur P.	Chickpea Defensin Gene Family: Promising Candidates for Resistance Against Soil-Borne Chickpea Fungal Pathogens	2023	Journal of Plant Growth Regulation	42	10		6244	6260	10.1007/s00344-022-10811-1
Allu I.; Sahi A.K.; Koppadi M.; Gundu S.; Sionkowska A.	Decellularization Techniques for Tissue Engineering: Towards Replicating Native Extracellular Matrix Architecture in Liver Regeneration	2023	Journal of Functional Biomaterials	14	10	518			10.3390/jfb14100518
Srinivasulu C.; Jalapathi P.; Vishnu T.; Umapathi N.; Raghavender M.	Synthesis, antimicrobial activity and molecular docking study of (e)-4-(4-((3-benzylidene-2-oxoindolin-1-yl) methyl)-1h-1,2,3-triazol-1-yl)benzoic acid derivatives	2023	Research Journal of Chemistry and Environment	27	9		39	45	10.25303/2709rjce039045
Shetty A.N.; Rao S.; Honnale H.N.; Parveda M.; Modi R.; Kavi Kishor P.B.	Heterologous expression of SbAP37-transcription factor in Sesamum indicum L. alleviates salt stress and improves antioxidant enzyme activities	2023	Plant Physiology Reports	28	3		418	428	10.1007/s40502-023-00734-8
Rajashekhar K.; Vinod G.; Kumar K.M.; Harikishan G.; J L.N.	Sm <sup>3+</sup> induced structural phase transition, spectral, morphological, magnetic, dielectric and impedance properties of Ni <sub>0.1</sub> Cu <sub>0.9</sub> SmFe <sub>2-x</sub> O <sub>4</sub> nanoferrites	2023	Journal of Rare Earths	41	11		1736	1745	10.1016/j.jre.2022.09.011
Gottemukkula L.D.; Singh R.; Prathyusha N.; Akhila J.; Devender B.; Ramya Sri. S.	Formulation and Evaluation of Immediate Release Tablets of Zopiclone	2023	Research Journal of Pharmacy and Technology	16	8		3755	3758	10.52711/0974-360X.2023.00620
Karthan M.K.; Perumalla N.K.	Comparative analysis of regression algorithms for the prediction of NavIC differential corrections	2023	Journal of Applied Geodesy	17	4		415	425	10.1515/jag-2023-0025

Sumanraju V.; Rao T.R.; Sanke N.	Constant Steam Inlet Conditions and their Impact on the Thermal Efficiency of a Cogeneration Power Plant	2023	International Journal of Heat and Technology	41	4		847	853	10.18280/ijht.410407
Suneetha G.; Ayodhya D.; Manjari P.S.	Schiff base stabilized palladium nanoparticles: Synthesis, characterization, catalytic degradation of organophosphorus pesticides, and fluorometric detection of Cr <sup>6+</sup> in aqueous media	2023	Inorganic Chemistry Communications	156		111279			10.1016/j.inoch.2023.111279
Ganapathiwari S.; Pappula R.; Banothu A.K.; Bhukya B.	Causatum of Probiotic Yeast Saccharomyces cerevisiae SBO1 Supplementation on Growth and Aflatoxin Amelioration in Broilers	2023	Indian Journal of Microbiology	63	3		253	262	10.1007/s12088-023-01078-5
Raghu Prasad M.; Jagirdar R.; Devarapalli S.P.	First investigations of 14 neglected, late-type contact binaries	2023	Astrophysics and Space Science	368	9	72			10.1007/s10509-023-04230-1
Devarapalli S.P.; Wakgari D.; Jagirdar R.	Photometric and Period Variation study of two contact binaries ASAS J034931-0431.2 and KIC 11413213	2023	Advances in Space Research	72	6		2418	2426	10.1016/j.asr.2023.05.022
Rani K.U.; Sharma G.V.M.; Saxena S.; Guruprasad L.; Padmavathi D.A.	Synthesis, DFT and Molecular docking study of novel bis 1,2,3-triazole derivatives of 2-hydroxyquinoline-4-carboxylate as antimicrobial agents	2023	Indian Journal of Biochemistry and Biophysics	60	9		729	740	10.56042/ijbb.v60i9.3877
Purnakanti A.; Lakshmi Y.K.; Kumar S.; Venkatesh R.; Reddy M.S.	Grain boundary modification in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> manganites with additives: impact on magneto-transport properties	2023	Applied Physics A: Materials Science and Processing	129	10	706			10.1007/s00339-023-06995-2
Kuna D.; Perumalla N.K.	Assessment of android smartphones positioning in multi-GNSS/NavIC environment	2023	Journal of Applied Geodesy	17	4		325	331	10.1515/jag-2022-0062

Srinivas A.; Mosiganti J.P.	A brain stroke detection model using soft voting based ensemble machine learning classifier	2023	Measurement: Sensors	29		100871			10.1016/j.meas-en.2023.100871
Ludhiya V.; kumar N.H.; Edukondalu A.; Ravinder D.	Solution combustion synthesis of nanostructured Mg <sub>0.5</sub> Ni <sub>0.3</sub> Cu <sub>0.2</sub> Ce <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub> ferrites: structural, optical and electromagnetic properties	2023	Applied Physics A: Materials Science and Processing	129	9	614			10.1007/s00339-023-06906-5
Kumar M.P.; Rambabu A.; Sumalatha V.; Balraj G.; Ayodhya D.	Fabrication of dual-functional heterostructured p-CuO/n-ZnS nanocomposite for enhanced visible-light active photocatalytic response and fluorometric sensor for selective sensing of thiol-containing amino acids	2023	Chemical Engineering Research and Design	198			92	104	10.1016/j.cherd.2023.08.034
Chiranjeevi P.; Sriram K.; Malu S.; Agrawal V.K.	Detection of lags in an atoll source 4U 1728-34 using AstroSat	2023	Astrophysics and Space Science	368	9	77			10.1007/s10509-023-04233-y
Jonnalagadda S.; Kattula S.; Guntuku R.	Energy-Aware MAX-LEACH Routing Protocol for Homogeneous and Heterogeneous WSNs	2023	Wireless Personal Communications	132	2		1527	1551	10.1007/s11277-023-10673-0
Praneeth J.; Venkatesh S.; Krishna L.S.	A Review on Additive Manufacturing Processes	2023	E3S Web of Conferences	430		1282			10.1051/e3sconf/202343001282
Gayatri M.B.; Kancha R.K.; Patchva D.; Velugonda N.; Gundeti S.; Reddy A.B.M.	Metformin exerts antileukemic effects by modulating lactate metabolism and overcomes imatinib resistance in chronic myelogenous leukemia	2023	FEBS Journal	290	18		4480	4495	10.1111/febs.16818
Chembuli V.S.S.N.A.; Chittipolu A.; Katasani H.	Molecular level analogy and approaches of gibson assembly in genome-wide analysis	2023	Applications of Synthetic Biology in Health, Energy, and Environment				212	234	10.4018/978-1-6684-6577-6.ch011

Shaik A.; Kondaparth V.; Begum A.; Husain A.; Manwal D.D.	Enzyme PTP-1B Inhibition Studies by Vanadium Metal Complexes: a Kinetic Approach	2023	Biological Trace Element Research	201	10		5037	5052	10.1007/s12011-023-03557-8
Shanthakumari P.; kumar N.H.; Edukondalu A.; Ravinder D.	Effect of neodymium doping on structural, optical, and dielectric properties of Ni ferrites synthesized by citrate gel auto-combustion method	2023	Journal of Materials Science: Materials in Electronics	34	25	1775			10.1007/s10854-023-11193-0
Maheshwaram S.; Gaddameedi S.; Chidurala S.C.; Katlakunta S.; Mudutanapalli V.N.; Daripalli S.; Butreddy R.R.	Enhanced Structural and Electrochemical Properties of Zn-Doped NiCo <sub>2</sub> O <sub>4</sub> Synthesized by Low-Temperature Microwave Hydrothermal Process	2023	ECS Journal of Solid State Science and Technology	12	9	93008			10.1149/2162-8777/acf4bc
Munnaluri R.K.; Chevula J.; Patnam N.; Yamini L.; Manga V.	One-pot synthesis, spectral characterization, biological evaluation, molecular docking studies and in silico ADME/Tox profiling of new 2,4,5 triaryl imidazole derivatives as anti tubercular agents	2023	Indian Journal of Tuberculosis	70	4		451	459	10.1016/j.ijtb.2023.01.005
Arjun D.; Hayavadana J.; Prakash C.	Thermo-regulative finish on polyester blend knitted fabric	2023	Indian Journal of Fibre and Textile Research	48	3		247	252	10.56042/ijfr.v48i3.6059
Bhimagavni N.K.; Thondepu A.	REFINING THE STRUCTURE OF BAYESIAN NETWORK LEARNT WITH AGGLOMERATIVE CLUSTERING TECHNIQUE FOR PROSTATE CANCER DISEASE	2023	Journal of Theoretical and Applied Information Technology	101	15		6043	6053	
Dakuri A.; Lolla R.T.	Antibacterial and comfort properties of untreated bamboo fabric related to cotton fabrics treated with zinc oxide	2023	Textile and Leather Review	6			360	372	10.31881/TLR.2023.095
Ajaykumar C.; Doneti R.; Akbar P.; Chembuli V.S.S.N.A.	New trends in developing therapeutic proteins by synthetic cells on diseased tissues	2023	Applications of Synthetic Biology in Health, Energy, and Environment				162	178	10.4018/978-1-6684-6577-6.ch008

Gadwala N.; Kumar N.H.; Ravinder D.	Rare Earth Gd <sup>3+</sup> -Substituted BiFeO <sub>3</sub> Perovskite Nanoparticles: Synthesis, Structural, Optical, and Magnetic Properties	2023	Brazilian Journal of Physics	53	5	136			10.1007/s13538-023-01349-y
Ajaykumar C.; Swathi K.; Dasari P.	Effect of ocimum sanctum on cancer progression and its effective therapeutic activity	2023	Natural Products as Cancer Therapeutics				1	23	10.4018/979-8-3693-0703-8.ch001
Srilatha D.; Kiran V.	A Study on Tripled Fixed Point Results in GJS-Metric Space	2023	Mathematics and Statistics	11	5		767	777	10.13189/ms.2023.110502
Tirupathi V.; Sagar K.	A SDN-Based Load Balancing Algorithm for IoT Traffic Data and Network Performance Evaluation	2023	SSRG International Journal of Electronics and Communication Engineering	10	8		108	117	10.14445/23488549/IJECE-V10I8P111
Vimal Babu U.; Rama Krishna M.; Naga Mani M.; Tejaswini M.	RETRACTED: Environmental and health hazards of fuel adulteration and its detection, safeguards, (International Journal of Electrical Engineering & Education, (2020))	2023	International Journal of Electrical Engineering and Education	60	1_suppl		429	443	10.1177/0020720920940609
Kandukuri K.; Bhatracharyulu N.C.	New method of precipitation forecast model and validation	2023	Mausam	74	4		1065	1072	10.54302/mausam.v74i4.4359
Kularkar A.; Chaudhari S.; Pola S.; Rayalu S.S.; Chan S.I.; Nagababu P.	Hijacking the hydrogen atoms in photo-splitting of H <sub>2</sub> O <sub>2</sub> for efficient reduction of CO <sub>2</sub> to CH <sub>3</sub> OH	2023	Fuel	349		128716			10.1016/j.fuel.2023.128716
Jakkampudi A.; Sarkar P.; Unnisa M.; Patil A.; Koutarapu C.; Jaggaiahgari S.; Naik P.; Sarkar S.; Prasanna A.; Chintaluri S.; Reddy D.N.; Beedu S.R.; Talukdar R.	Kynurenine pathway alteration in acute pancreatitis and its role as a biomarker of infected necrosis	2023	Pancreatology	23	6		589	600	10.1016/j.pan.2023.07.003

Shankar V.; Reddy N.S.S.	Hybrid Taguchi-Salp Swarm Optimization Based Energy Efficient MIMO System with Data Reordering and Scheduling Using Battle Royale Optimization Approach for the 5G Technologies	2023	Wireless Personal Communications	132	3		1731	1750	10.1007/s11277-023-10654-3
Pavani B.; Venkata Subbareddy K.; Nirmala Devi L.	Relay-assisted wireless energy harvesting for multihop clustered IoT network	2023	Intelligent and Converged Networks	4	3		206	224	10.23919/ICN.2023.0018
Vasavi K.; Masula K.; Basude M.; Thalari G.	ECO-FRIENDLY SYNTHESIS AND CHARACTERIZATION OF MONO, BIMETALLIC AND NON-METAL DOPED SNO2: PHOTODEGRADATION OF DYE AND ITS ANTI-MICROBIAL ACTIVITY	2023	Rasayan Journal of Chemistry	16	4		2261	2271	10.31788/RJC.2023.1648641
Ramachandru M.; Hymavathi D.; Chenna Krishna Reddy M.; Fareeduddin M.; Kishan N.; Umshaiah M.; Gill H.S.	Role of bioconvection and activation energy on MHD flow of Maxwell's nanofluid with gyrotactic microorganisms in porous media: The Cattaneo-Christov model	2023	International Journal of Modern Physics B	37	25	2350300			10.1142/S0217979223503009
Kamatata C.R.; Venkateswarlu M.; Kumar M.S.; Venkanna P.; Saiprakash P.K.	Ultrasonic and Microwave Effects on the Benzamide/Sulfuryl Chloride Mediated Benzoylation of Benzene Derivatives under Vilsmeier-Haack Conditions	2023	Chemical Methodologies	7	9		650	658	10.48309/chemm.2023.50558
Sumalatha V.; Anuja C.; Balchander V.; Dhanalaxmi B.; Pradeep Kumar M.; Ayodhya D.	Hydrothermal fabrication of n-CeO <sub>2</sub> /p-CuS heterojunction nanocomposite for enhanced photodegradation of pharmaceutical drugs in wastewater under visible-light and fluorometric sensor for detection of uric acid	2023	Inorganic Chemistry Communications	155		110962			10.1016/j.inoch.2023.110962
Nagaraju P.; Beulah P.; Jaldhani V.; Manasa Y.; Madhusudan N.; Sundaram R.M.; Hariprasad A.S.; Sruthi K.; Sheshu Madhav M.; Kota S.; Kalyani M.B.; Mahender Kumar R.; Sreedevi B.; Rani H.S.; Pawar S.C.; Roja Rani A.; Senguttuvel P.	Assessment of reproductive stage drought tolerance using stress indices in improved restorer lines of KMR-3R in rice	2023	Cereal Research Communications	51	3		715	728	10.1007/s42976-022-00334-6
Sampath M.B.; Prakash C.; Hayavadana J.; Indu G.K.; Kapoor V.	Study on Comfort Characteristics of Moisture Management Finished Microdenier Polyester Knitted Fabrics	2023	AATCC Journal of Research	10	5		272	279	10.1177/24723444231172220



Latha T.V.; Sultana U.; Vanamala P.; Gul M.Z.	Microbial biofilms - Pollutant load suppressor	2023	Aquatic Contamination: Tolerance and Bioremediation				219	238	10.1002/9781119989318.ch14
Srilatha M.; Bharathi A.	Modified Cuckoo Search and Hill Climbing Algorithm Based Spectrum Hole Detection in Cognitive Radio Networks	2023	Journal of Electrical Engineering and Technology	18	6		4425	4440	10.1007/s42835-023-01511-1
Spandana K.; Reddy C.G.; Ravi M.; James A.R.	Structural, electrical and electron emission property studies of high dielectric constant (Pb0.88La0.12)(Zr0.65Ti0.35)O3 ceramics for ferroelectric cathode applications	2023	Ceramics International	49	17		27939	27948	10.1016/j.ceramint.2023.06.024
Hussain M.; Srividya P.; Venkateswara Rao C.R.; Vijaya Rama Raju V.; Kulkarni S.	Application of Multiple Linear Regression and Artificial Neural Networks in River Water Quality Modelling to Predict Dissolved Oxygen in Rivers: A Case Study of Krishna River in India	2023	AIP Conference Proceedings	2754	1	120002			10.1063/5.0161265
Sriramulu G.; Praveena K.; Reddy B.R.; Kandasami A.; Katlakunta S.	Observation of rhombohedral CoFe2O4 phase in Co-Mg co-doped SrFe12O19 hexaferrite	2023	Journal of Magnetism and Magnetic Materials	583		171046			10.1016/j.jmmm.2023.171046
Rachamala R.K.; Sanke N.; Seshu Kumar A.	Experimental investigation of Segregated Dry Municipal Solid Waste (SDMSW) and biomass blends in the gasification process	2023	Energy Harvesting and Systems	10	2		259	265	10.1515/ehs-2022-0052
Kumar A.M.; Sao S.; Sagar E.V.	An Intelligent Power Management and Power Quality Enhancement for Grid Integrated Renewable Sources and EV Fed UPQC	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10		176	196	10.14445/23488379/IJEEE-V10I10P117
Prasad Prajapati J.; Toppo A.; Majhi P.; Pradhan U.; Das A.; Das D.; Sriramulu G.; Mallick S.; Katlakunta S.; Shukla A.K.	Biogenic Synthesis, Characterization, and Antifungal Activity Studies of Copper Oxide Nanoparticles Using Aqueous Extract of Moringa oleifera Leaves	2023	ChemistrySelect	8	34	e202300531			10.1002/slct.202300531

Laxman A.; Siva Sankara Reddy N.; Naik B.R.	Design and Analysis of Low Power Hybrid Logic Adder for Signal Processing Applications	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10	IJEEE-V10I10P118	197	206	10.14445/23488379/IJEEE-V10I10P118
Gogula S.S.; Kamireddy K.R.; Meesa S.; Misra S.; Lincoln C.A.; Muralidhar Reddy P.	Indium (III)-mediated efficient synthesis and antifungal activity of chromenopyridine scaffolds	2023	Chemical Papers	77	9		4823	4829	10.1007/s11696-023-02821-4
Hashim M.; Ravinder Nayak D.; Ahmed A.; Kumar S.; Shirsath S.E.; Ismail M.M.; Sharma S.K.; Alayasreh M.A.; Kumar R.; Ravinder D.; Jotania R.B.; Meena S.S.; Batoo K.M.	Structural, dielectric, electric and magnetic properties of magnesium substituted lithium nanoferrites	2023	Ceramics International	49	19		31114	31123	10.1016/j.ceramint.2023.07.056
Gogula S.S.; Prasanna D.V.; Thumma V.; Misra S.; Lincoln C.A.; Reddy P.M.; Hu A.; Subbareddy B.V.	Efficient Green Synthesis, Anticancer Activity, and Molecular Docking Studies of Indolemethanes Using a Bioglycerol-Based Carbon Sulfonic Acid Catalyst	2023	ACS Omega	8	39		36401	36411	10.1021/acsomega.3c05293
Gouthami S.; Hegde N.P.	Improving Sentiment Analysis on Imbalanced Airlines Twitter Data Using DSMOTE Technique	2023	SSRG International Journal of Electronics and Communication Engineering	10	9		38	51	10.14445/23488549/IJECE-V10I9P105
Ranganatha Rao B.; Sujatha B.	A hybrid elliptic curve cryptography (HECC) technique for fast encryption of data for public cloud security	2023	Measurement: Sensors	29		100870			10.1016/j.measen.2023.100870
Gul M.Z.; Rao B.S.; Rupula K.	Nanotechnology-based applications: A valuable tool for wastewater clean-up	2023	Aquatic Contamination: Tolerance and Bioremediation				291	312	10.1002/9781119989318.ch17
Shikuku V.O.; Masinde N.W.	Machine learning applications in adsorption of water pollutants	2023	Artificial Intelligence Applications in Water Treatment and Water Resource				1	30	10.4018/978-1-6684-6791-6.ch001

Ravula A.K.; Ahmad S.S.; Singh A.K.; Sweeti; Kaur A.; Kumar S.	Multi-level collaborative framework decryption-based computing systems	2023	AIP Conference Proceedings	2782		20131			10.1063/5.0154572
Bollakayala V.L.; Etakula N.; Vuba K.K.; Uttaravalli A.N.; Ganta H.; Dinda S.; Gidla B.R.; Gadde L.; Katiki G.; Manda S.T.; Mutyapu S.; Seelam N.R.	Enhancement of wood-plastic composite properties in presence of recycled vehicular soot as a carbon source material: Sustainable management approach	2023	Process Safety and Environmental Protection	174			286	297	10.1016/j.psep.2023.04.013
Nagu A.; Raju A.; Vennela A.; Varkolu M.; Raju B.D.; Rao K.S.R.	Single-step conversion of levulinic acid to valeric acid over bimetallic Ni-Co/H-ZSM-5 catalysts	2023	ChemistrySelect	8	20	e202300509			10.1002/slct.202300509
Pandey D.; Lelisho M.E.; Kotti J.; Gowwrii G.; Shahul A.; George A.S.H.; Dadheech P.	Strategic survival analysis of gastric cancer patients for augmented reality: A comparison of the cox proportional hazard and accelerated failure time	2023	Applications of Neuromarketing in the Metaverse				234	257	10.4018/978-1-6684-8150-9.ch018
Manokari M.; Cokulraj M.; Badhepuri M.K.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	Microstructural and histochemical modifications in leaves at successive stages of in vitro development of the terrestrial orchid <i>Spathoglottis plicata</i> Blume	2023	Horticulture Environment and Biotechnology	64	3		497	510	10.1007/s13580-022-00485-9
Poloji N.; Hasan P.; Hasan S.N.	The Bar-Bulge Relation in Non-dwarf SB0 Galaxies in the Central Region of Coma Cluster	2023	Research in Astronomy and Astrophysics	23	6	65019			10.1088/1674-4527/acbae
Premasagar Miriyala V.; Raj Thommandru P.; Kashanna J.; Govinda V.; Ravi G.; Kishore R.	Design, Synthesis and Cytotoxicity of New Coumarin-1,2,3-triazole Derivatives: Evaluation of Anticancer Activity and Molecular Docking Studies	2023	Chemistry and Biodiversity	20	7	e202300269			10.1002/cbdv.202300269
Valiyamattam G.J.; Katti H.; Chaganti V.K.; O'Haire M.E.; Sachdeva V.	Circumscribed interests in autism: Can animals potentially re-engage social attention?	2023	Research in Developmental Disabilities	137		104486			10.1016/j.ridd.2023.104486

Purnachary M.; Adilakshmi T.	FINETUNED ROBERTA ARCHITECTURE FOR MOOCS EVALUATION USING ADVERSARIAL TRAINING	2023	Journal of Theoretical and Applied Information Technology	101	10		4014	4022	
Goli J.K.; Hameeda B.	Production of xylitol and ethanol from acid and enzymatic hydrolysates of Typha latifolia by Candida tropicalis JFH5 and Saccharomyces cerevisiae VS3	2023	Biomass Conversion and Biorefinery	13	11		9741	9751	10.1007/s13399-021-01868-1
Swathi S.; Kumar B.S.; Upendar J.	Voltage and frequency stabilization by fuzzy integrated droop control of a multi renewable source micro grid	2023	Indonesian Journal of Electrical Engineering and Computer Science	30	3		1308	1320	10.11591/ijeecs.v30.i3.pp1308-1320
Patnam N.; Chevula K.; Chennamsetti P.; Kramadhathi S.; Alaparathi M.D.; Manga V.	Novel thiazolidinedione (TZD) scaffolds as aldose reductase inhibitors, synthesis and molecular docking studies	2023	Chemical Data Collections	46		101045			10.1016/j.cdc.2023.101045
Bharadwaj S.; Lakshmi Y.K.; Ramya K.; Reddy C.V.K.; Pola S.	A Study of Magnetic and Dielectric Properties for Iron Ion Variation in Cobalt Ferrite	2023	SPIN	13	2	2340008			10.1142/S2010324723400088
Jampaiah D.; Damma D.; Venkataswamy P.; Chalkidis A.; Arandiyan H.; Reddy B.M.	Enhanced water-gas shift reaction performance of MOF-derived Cu/CeO2 catalysts for hydrogen purification	2023	International Journal of Hydrogen Energy	48	64		24860	24870	10.1016/j.ijhydene.2022.11.034
Krishnasailaja A.; Gazi A.S.	Formulation of Methotrexate Loaded Solid Lipid Nanoparticles By Micro Emulsion Technique	2023	Current Nanomaterials	8	2		153	161	10.2174/2405461507666220428121823
Badhepuri M.K.; Manokari M.; Cokul Raj M.; Jogam P.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Singisala N.R.; Shekhawat M.S.	Meta-Topolin enhanced direct shoot organogenesis and regeneration from leaf explants of Coleus forskohlii (Willd.) Briq	2023	Industrial Crops and Products	197		116584			10.1016/j.indcrop.2023.116584

Reddy R.J.; Sharadha N.; Krishna G.R.	Pd(II)-Catalyzed Tandem Cycloannulative-Alkenylation of o-Alkynyl-Phenols/Anilines with (E)- $\beta$ -Iodovinyl Sulfones: A Direct Strategy To Construct 3-(Vinyl sulfonyl)benzoheterole Derivatives	2023	Journal of Organic Chemistry	88	13		8889	8903	10.1021/acs.joc.3c00671
Bindu N.P.; Sastry P.N.	Automated brain tumor detection and segmentation using modified UNet and ResNet model	2023	Soft Computing	27	13		9179	9189	10.1007/s00500-023-08420-5
Chougule P.R.; Sangaraju R.; Patil P.B.; Qadri S.S.Y.H.; Panpatil V.V.; Ghosh S.; Mungamuri S.K.; Bhanoori M.; Sinha S.N.	Effect of ethyl gallate and propyl gallate on dextran sulfate sodium (DSS)-induced ulcerative colitis in C57BL/6 J mice: preventive and protective	2023	Inflammopharmacology	31	4		2103	2120	10.1007/s10787-023-01254-5
Saidulu B.; Reddy K.S.	Evaluation of combined heat and mass transfer in hydromagnetic micropolar flow along a stretching sheet when viscous dissipation and chemical reaction is present	2023	Partial Differential Equations in Applied Mathematics	7		100467			10.1016/j.padiff.2022.100467
Ande A.; Prasad M.	Silver nanoparticles doped heavy metal oxide borate glasses: luminescence and spectroscopic investigations	2023	Optical Materials	142		114017			10.1016/j.optmat.2023.114017
Rupa B.; Manohar J.N.; Manjula M.	Power Quality Improvement using Dual Multilevel Converter for Micro Grid-Connected PV Energy Systems using ANFIS	2023	International Journal of Electrical and Electronics Research	11	2		550	558	10.37391/ijeer.110242
Pradeep M.; Vishnuvardhan M.; Gangadhar T.	An efficient microwave assisted synthesis of (E)-1-(2,4-Bis((1-Aryl-1H-1,2,3-Triazol-4-YL) Methoxy) Phenyl)-3-(2-(Pyrrolidin-1-YL) Quinolin-3-YL) Prop-2-En-1-Ones and their antimicrobial activity	2023	Chemical Data Collections	46		101020			10.1016/j.cdc.2023.101020
Babu J.R.; Nayak M.R.; Mangu B.	Development and Application of an Energy Management System for Electric Vehicles Integrated with Multi-input DC-DC Bidirectional Buck-Boost Converter	2023	International Journal of Electrical and Electronics Research	11	2		457	464	10.37391/IJEER.110228

Gullapally R.; Reddy N.S.S.; Sekhar P.C.	Design and Analysis of Low Power VLSI based SRAM Cell using CMOS, FinFET and GNRFT Technologies	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3		942	957	
Varimalla S.; Boggala S.; Manda K.; Aytam P.H.; Akula V.	Rutile TiO <sub>2</sub> a desirable support for Ni catalyst in the synthesis of $\gamma$ -valerolactone: Influence of titania crystal phase on the product distribution	2023	Applied Catalysis A: General	662		119282			10.1016/j.apcata.2023.119282
Vallavoju R.; Kore R.; Parikirala R.; Subburu M.; Gade R.; Kumar V.; Raghavender M.; Chetti P.; Pola S.	Synthesis and Characterization of New Tetradentate N <sub>2</sub> O <sub>2</sub> -Based Schiff's Base Cu (II) Complexes for Dye Photodegradation	2023	Photochem	3	2		274	287	10.3390/photoc hem3020016
Chekuri S.; Vyshnav S.S.; Somiseti S.L.; Cheniya S.B.K.; Gandu C.; Anupalli R.R.	Isolation and anticancer activity of quercetin from Acalypha indica L. against breast cancer cell lines MCF-7 and MDA-MB-231	2023	3 Biotech	13	8	289			10.1007/s13205-023-03705-w
Ravi G.; Swamy Das M.; Karmakonda K.	Reliable cluster based data aggregation scheme for IoT network using hybrid deep learning techniques	2023	Measurement: Sensors	27		100744			10.1016/j.measen.2023.100744
Karumanchi A.R.; Sivan P.; Kummari D.; Rajasheker G.; Kumar S.A.; Reddy P.S.; Suravajhala P.; Podha S.; Kishor P.B.K.	Root and Leaf Anatomy, Ion Accumulation, and Transcriptome Pattern under Salt Stress Conditions in Contrasting Genotypes of Sorghum bicolor	2023	Plants	12	13	2400			10.3390/plants12132400
Shankar A.N.; Prasad M.; Siddique M.J.; Reddy V.M.; Al-Bahrani M.; Saeed A.M.; Sivakumar J.; Selvaraj R.; Yvaz A.	Static Deflection and Free Vibration behavior of Sandwich Plates Made of Hybrid Flax/Glass Fiber Composite Skins and PLA Core	2023	Fibers and Polymers	24	7		2411	2424	10.1007/s12221-023-00218-4
Ramachandran L.K.; Srinivasa B.R.; Radhakrishna G.	Structural requirements for the biological activity of Polymyxin B	2023	Peptide Antibiotics Biosynthesis and Functions: Enzymatic Formation of				427	443	10.1515/9783110837834-040

Srinu C.; Parayitam L.	Performance of GNSS-SDR for IRNSS L5 Signals Using a Low-Cost RF Front-End	2023	Navigation, Journal of the Institute of Navigation	70	2				10.33012/navi.573
Chander N.; Upendra Kumar M.	Metaheuristic feature selection with deep learning enabled cascaded recurrent neural network for anomaly detection in Industrial Internet of Things environment	2023	Cluster Computing	26	3		1801	1819	10.1007/s10586-022-03719-8
Shekhar V.; Sudhakar C.; Veerareddy N.	Stereospecific Total Synthesis of Putaminoxin 1 by Ring Closing Metathesis and Enantioselective Epoxidation	2023	Current Organocatalysis	10	2		128	132	10.2174/2213337210666230228105711
Saidulu B.; Reddy K.S.	Comprehensive analysis of radiation impact on the transfer of heat and mass micropolar MHD free convective fluid flow across a stretching permeability sheet with suction/injection	2023	Heat Transfer	52	4		3317	3332	10.1002/htj.22829
Kumaraswamy K.; Bhattacharyulu N.C.	Statistical brand switching model: an Hidden Markov approach	2023	OPSEARCH	60	2		942	950	10.1007/s12597-022-00613-0
Srilatha N.	Distributed Generation Placement Using Voltage Stability Index and Optimal Sizing Using Adaptive Particle Swarm Optimization	2023	E3S Web of Conferences	399		1007			10.1051/e3sconf/202339901007
Sharada G.; Thirupathi G.; Shwetha G.; Kumar N.P.; Sowjanya P.; Sreenivasu D.	Synthesis, Spectral, and Magnetic Studies of Yb-Doped CoFe <sub>2</sub> O <sub>4</sub>	2023	ECS Journal of Solid State Science and Technology	12	6	63006			10.1149/2162-8777/acde0e
Kandukuri V.; Samunnatha V.	Role of EDPs in Harnessing Local Resources—with Special Reference to Hyderabad and Rangareddy Districts	2023	Journal of Entrepreneurship and Innovation in Emerging Economies	9	2		288	311	10.1177/23939575221145767

Suman G.; Reddy M.S.; Reddy K.V.K.; Reddy Ch.G.; Reddy P.Y.	Radiological Risk Assessment due to Radon and Thoron in the Dwellings of Peddamula Village, Nalgonda District, Telangana, India	2023	Indian Journal of Pure and Applied Physics	61	6		467	471	10.56042/ijpap.v61i6.2420
Srisailam B.; Reddy K.S.; Narender G.; Malga B.S.	The Effect of Viscous Dissipation and Chemical Reaction on the Flow of MHD Nanofluid	2023	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	107	2		150	170	10.37934/arfmts.107.2.150170
Chander N.; Kumar M.U.	METAHEURISTICS WITH DEEP CONVOLUTIONAL NEURAL NETWORK FOR CLASS IMBALANCE HANDLING WITH ANOMALY DETECTION IN INDUSTRIAL IOT ENVIRONMENT	2023	Journal of Theoretical and Applied Information Technology	101	10		3890	3908	
Swathi R.; Reddy G.B.; Rajkumar B.; Yaku G.; Kondaiah S.; Swamy P.Y.	Microwave-assisted green synthesis of Pithecellobium dulce seed pods derived fluorescent carbon dots for Pd <sup>2+</sup> detection	2023	Emergent Materials	6	4		1207	1215	10.1007/s42247-023-00517-9
Shailaja G.; Bhavya T.; Sandeepa K.; Prasanna Rani K.N.; Kumar T.P.	Kinetics of reactive extraction of free fatty acids in jatropha oil with monoethanolamine in methanol: A key biodiesel pre-processing step	2023	Biomass and Bioenergy	174		106857			10.1016/j.biombioe.2023.106857
Kumar P.A.; Mallikarjun A.; Reddy M.M.; Reddy M.J.; Kumar J.S.	Effective nanocomposite flexible electrochemical storage with Li <sup>+</sup> /PVdF-HFP/PEO/n-ZrO <sub>2</sub> complex	2023	Journal of Polymer Research	30	6	195			10.1007/s10965-023-03571-3
Kumar D.; Sinha S.N.; Vasudev K.	Development and Validation of a New UFLC-MS/MS Method for the Detection of Organophosphate Pesticide Metabolites in Urine	2023	Molecules	28	15	5800			10.3390/molecules28155800
Balraj G.; Rammohan K.; Anilkumar A.; Ayodhya D.	An efficient, reusable heterogeneous Ceria promoted lanthanum catalyst developed for the synthesis of (e)-1-(Arylmethylene)-2-phenylhydrazines	2023	Research Journal of Chemistry and Environment	27	6		36	41	10.25303/2706rjce036041



Shankar D.S.; Rambabu A.; Swathi M.; Lakshmi P.V.A.; Shivaraj	Copper(II) Complexes Derived from Schiff Bases Containing 4-Methylbenzylamine as a Core Unit: Cytotoxicity, pBR322-DNA Studies, Biological Assays, and Quantum Chemical Parameters	2023	Chemistry and Biodiversity	20	7	e202300030			10.1002/cbdv.202300030
Sreenivas D.; Suvarna T.; Lavanya G.; Vardhani C.P.	Structural, Optical, and Magnetic Properties of Nitrogen-Doped Graphene Oxide Synthesized by Hydrothermal Method	2023	ECS Journal of Solid State Science and Technology	12	6	61002			10.1149/2162-8777/acdaf6
Venkateswarlu M.; Janaiah R.; Merugu S.; Ravichandra A.P.	Granites of the Cuddapah Basin, southern parts of Chityala, Telangana, India: Computational Assessments of Petrological and Geochemical Studies	2023	AIP Conference Proceedings	2477		30032			10.1063/5.0133337
Babu K.R.	MHD nanofluid flow towards a non-linearly stretching sheet with viscous dissipation and thermal radiation	2023	AIP Conference Proceedings	2548	1	20007			10.1063/5.0119185
Shanti M.; Pulusu V.; Shylaja S.; Yaku G.; Kumar U.U.	NANOSCALE BISMUTH SELENIDE AS AN EFFICIENT CATALYST FOR SOLVOTHERMAL, AND MICROWAVE-ASSISTED ONE-POT SYNTHESIS OF BIS(INDOLYL)METHANES	2023	Rasayan Journal of Chemistry	16	3		1286	1297	10.31788/RJC.2023.1638247
Reddy T.S.; Prasad T.S.; Devi Y.R.	Secure Routing Protocols Comparison Analysis Between RNBR, SAA, A-UPK	2023	International Journal on Recent and Innovation Trends in Computing and	11	7 s		107	117	10.17762/ijritcc.v11i7s.6982
Pramod Kumar P.; Sagar K.	Reinforcement learning and neuro-fuzzy GNN-based vertical handover decision on internet of vehicles	2023	Concurrency and Computation: Practice and Experience	35	12	e7688			10.1002/cpe.7688
Vallavoju R.; Kore R.; P. R.; Subburu M.; Basude M.; Chetti P.; Pola S.	Degradation of organic pollutants in the presence of new Mn (II) complexes under ambient light or darkness conditions	2023	Journal of Photochemistry and Photobiology A: Chemistry	442		114775			10.1016/j.jphotochem.2023.114775

Mukkamula N.; Beema N.; Dasari S.; Kiran Kumar B.	Assessment of genetic diversity in <i>Maerua oblongifolia</i> (Forssk.) A. Rich. accessions based on RAPD markers	2023	Ecological Genetics and Genomics	27		100171			10.1016/j.egg.2023.100171
Ambapuram M.; Mounika Parnapalli M.; Maddala G.; Kalvapalli S.; Pola S.; Mitty R.	Dual-Function NaYF <sub>4</sub> : Yb <sup>3+</sup> /Er <sup>3+</sup> Boosts Efficiency for Multi-Dye Sensitized Solar Cells and Carbon-Based CsPbI <sub>2</sub> Br Perovskite Solar Cells	2023	ChemPhotoChem	7	7	e202200302			10.1002/cptc.202200302
Yagnasri P.; Seetharamaiah N.; Sri P.U.; Vithal M.	Synthesis and characterization of nano magnetorheological fluid using inverse spinel ferrite (NiFe <sub>2</sub> O <sub>4</sub> )	2023	AIP Conference Proceedings	2492		40062			10.1063/5.0113875
Keshapaga U.R.; Jathoth K.; Singh S.S.; Gogada R.; Burgula S.	Characterization of high-yield <i>Bacillus subtilis</i> cysteine protease for diverse industrial applications	2023	Brazilian Journal of Microbiology	54	2		739	752	10.1007/s42770-023-00992-6
Bhaskar B.; Raghavender M.; Ramesh Naidu B.; Venkateswarlu K.; Kumar K.S.	Tamarindus indica seed ash extract for C–C coupling under added organics and volatile organic solvent-free conditions: a waste repurposing technique for Suzuki–Miyaura reaction	2023	Environmental Science and Pollution Research	30	28		71430	71438	10.1007/s11356-022-20407-7
Banu M.; Pathan A.A.K.; Chaitanya K.V.	Diagnostics for Genetically Inherited Disorders: From Cytogenetics to Genomics Technologies- A Review	2023	Biomedical and Pharmacology Journal	16	2		639	651	10.13005/bpj/2646
Masula K.; Sreedhar P.; Vijay Kumar P.; Bhongiri Y.; Pola S.; Basude M.	Synthesis and characterization of NiO–Bi <sub>2</sub> O <sub>3</sub> nanocomposite material for effective photodegradation of the dyes and agricultural soil pollutants	2023	Materials Science in Semiconductor Processing	160		107432			10.1016/j.mssp.2023.107432
Janakamma C.H.; Hegde N.P.	NIFR-NODE INTERFERENCE AND FAILURE RECOVERY FRAMEWORK FOR MULTIMEDIA TRANSMISSION IN WMSNs	2023	Journal of Theoretical and Applied Information Technology	101	12		5187	5193	

Spandana V.; Paidimarry C.S.	A Novel Design of Hilbert Huang Based All Digital Phase Locked Loop Using FPGA	2023	International Journal of Electrical and Electronic Engineering and Telecommunication Processes	12	4		235	244	10.18178/ijeetc.12.4.235-244
Rameshwar Y.; Srinivas G.; Rao A.K.; Mahabaleshwar U.S.; Laroze D.	Nonlinear Analysis of Cross Rolls of Electrically Conducting Fluid under an Applied Magnetic Field with Rotation	2023		11	7	1945			10.3390/pr11071945
Lingakari M.; Maddala M.; Bandi S.	Larvicidal effect of Pongamia pinnata plant extracts against Papilio demoleus Linnaeus (Insecta: Lepidoptera: Papilionidae)	2023	Journal of Biological Control	37	2		113	122	10.18311/jbc/2023/32497
Kumar B.R.; Burhanuddin M.; Laxmi G.U.	A detailed gravity picture of Nallamalai Fold Belt–Nellore Schist Belt (NSB) of Eastern Dharwar Craton with marginal Eastern Ghats Mobile Belt in Krishna Region, South India with special reference to Late Archaean NSB evolution	2023	Journal of Earth System Science	132	2	82			10.1007/s12040-023-02096-z
Nagaraju L.; Naikoti K.	The effects of thermal radiation on unsteady MHD free convective flow through the porous medium between two vertical plates with Hall effects	2023	Heat Transfer	52	4		3074	3093	10.1002/htj.22817
Ragoju R.; Venkateshwar Rao M.; Pavani L.	Nonlinear instability analysis of internally heated convection in a porous layer with the impact of magnetic field and variable gravity	2023	Heat Transfer	52	5		3582	3594	10.1002/htj.22841
Nagendar V.; Raju N.; Reddy S.S.K.; Reddy M.S.; Reddy C.G.; Reddy P.Y.	Impact of Gd <sup>3+</sup> on structural, electrical and magnetic properties of Er <sub>1-x</sub> Gd <sub>x</sub> FeO <sub>3</sub> orthoferrites	2023	Journal of Materials Science: Materials in Electronics	34	20	1535			10.1007/s10854-023-10929-2
Sukanya V.; Ramachandram S.	A Novel All Members Group Search Optimization Based Data Acquisition in Cloud Assisted Wireless Sensor Network for Smart Farming	2023	International Journal of Computer Networks and Applications	10	4		651	667	10.22247/ijcna/2023/223318

Dirisipam K.; Madduru D.; Jahan P.; Gujrati D.	Can circulating levels of transforming growth factor- $\beta$ 1 in early pregnancy serve as a predictive marker of unfavourable outcome?	2023	Placenta	137			65	69	10.1016/j.place nta.2023.04.004
Tabassum N.; Reddy C.R.K.	Review on QoS and security challenges associated with the internet of vehicles in cloud computing	2023	Measurement: Sensors	27		100562			10.1016/j.meas en.2022.100562
Mallikanti V.; Thumma V.; Matta R.; Valluru K.R.; Konidena L.N.S.; Boddu L.S.; Pochampally J.	Synthesis, antimicrobial activity and molecular docking of novel benzimidazole conjugated 1,2,3-triazole analogues	2023	Chemical Data Collections	45		101034			10.1016/j.cdc.2 023.101034
Akula S.; Mullaguri S.C.; Melton N.M.; Katta A.; Naga V.S.G.R.; Kandula S.; Pedada R.K.; Subramanian J.; Kancha R.K.	Large-scale pathogenicity prediction analysis of cancer-associated kinase mutations reveals variability in sensitivity and specificity of computational methods	2023	Cancer Medicine	12	16		17468	17474	10.1002/cam4.6 324
Nagaraju L.; Naikoti K.	Laminar unsteady magnetohydrodynamic flow of Newtonian nongray optically thin fluid through porous medium between two concentric vertical cylinders	2023	Heat Transfer	52	5		3774	3798	10.1002/htj.228 51
Bhrdwaj A.; Abdalla M.; Pande A.; Madhavi M.; Chopra I.; Soni L.; Vijayakumar N.; Panwar U.; Khan M.A.; Prajapati L.; Gujrati D.; Belapurkar P.; Albogami S.; Hussain T.; Selvaraj C.; Nayarisseri A.; Singh S.K.	Structure-Based Virtual Screening, Molecular Docking, Molecular Dynamics Simulation of EGFR for the Clinical Treatment of Glioblastoma	2023	Applied Biochemistry and Biotechnology	195	8		5094	5119	10.1007/s12010 -023-04430-z
Parvathalu K.; Chinmayee S.; Preethi B.; Swetha A.; Maruthi G.; Pritam M.; Sreenivas B.; Naidu S.R.; Merlinsheeba G.L.; Murali B.; Vijay M.; Moses K.; Krishna D.C.; Bhaskar P.B.	Green Synthesis of Silver Nanoparticles Using <i>Argyrea nervosa</i> Leaf Extract and Their Antimicrobial Activity	2023	Plasmonics	18	3		1075	1081	10.1007/s11468 -023-01835-8
Damera T.; Kondaparthi V.; Bingi M.; Mustyala K.K.; Malkhed V.	Identification of novel scaffolds to inhibit Mycobacterium tuberculosis PimA protein—A computational approach	2023	Journal of Cellular Biochemistry	124	6		836	848	10.1002/jcb.304 12

Gupta A.; Verma K.K.; Kumar R.; Perugu C.S.; Prasad M.; Agrawal S.; Khatirkar R.	Electron Backscattered Diffraction Analysis Across the Welded Interface of Post Weld Heat Treated 2205 Duplex Stainless-Steel and 316L Austenitic Stainless-Steel Dissimilar Weldment	2023	Journal of Materials Engineering and Performance	32	12		5493	5513	10.1007/s11665-022-07476-y
Swathi M.; Shankar D.S.; Daravath S.; Ganji N.; Anantha Lakshmi P.V.; Shivaraj	Computational studies, cytotoxicity, DNA interactions of bioactive novel 2-methoxy 5-trifluoromethyl benzenamine Schiff base metal complexes	2023	Inorganic Chemistry Communications	153		110826			10.1016/j.inoch.2023.110826
Gandla V.; Chiluka M.; Gupta H.; Sinha S.N.; Chakraborty P.	Sediment-water partitioning and risk assessment of organochlorine pesticides along the urban, peri-urban and rural transects of Krishna River Basin, Peninsular India	2023	Science of the Total Environment	874		162360			10.1016/j.scitotenv.2023.162360
Purnakanti A.; Manendar M.; Kumar S.; Venkatesh R.; Kalyana Lakshmi Y.; Sreenath Reddy M.	Magneto transport behavior of La <sub>0.67</sub> Pb <sub>0.33</sub> MnO <sub>3</sub> manganite system with various additives	2023	Journal of Solid State Chemistry	324		124112			10.1016/j.jssc.2023.124112
Kumar N.R.; Y R.K.	Efficient medical image retrieval system using Geometric Invariant Point Bilateral Transformation (GIPBT)	2023	Measurement: Sensors	27		100705			10.1016/j.measen.2023.100705
Sureshkumar V.; Somarajadikshitar R.; Beeram B.S.	A Novel Representation and Prediction Initiative for Underground Water by Using Deep Learning Technique of Remote Sensing Images	2023	Computer Journal	66	7		1784	1801	10.1093/comjnl/bxac101
Gouthami S.; Hegde N.P.	AN IMPROVED SENTIMENT CLASSIFICATION MODEL USING BERT CLASSIFICATION WITH RANGER ADABELIEF OPTIMIZER	2023	Journal of Theoretical and Applied Information Technology	101	12		5102	5113	
Kumari P.S.; Kumar D.R.; Charan G.V.; Sagurthi S.R.	Structural, photocatalytic, and anticancer activity Ni-substituted Cu nanochromites synthesized by citrate gel auto-combustion method	2023	Chemical Papers	77	8		4727	4745	10.1007/s11696-023-02798-0

Babu J.R.; Nayak M.R.; Mangu B.	Design and Control of a Tricycle with a Hybrid Electric Motor Cooling System Powered By Solar Photovoltaics	2023	International Journal of Electrical and Electronics Research	11	2		465	472	10.37391/IJEER.110229
Adil S.; Krishnaiah A.; Rao D.S.	Machining improvement on MDN 350 alloy with optimum machining parameters	2023	AIP Conference Proceedings	2492		40015			10.1063/5.0113208
Kumar S.; Darshan S.; Baggi T.R.	Recent Advances in Analytical Techniques for Antidepressants Determination in Complex Biological Matrices: A Review	2023	International Journal of Toxicology	42	4		352	364	10.1177/10915818221150779
Krishna P.S.; Ramesh Kumar N.; Swathi; Rani S.; Roja Rani A.	Amaranthus viridis methanolic extract and its active compound kaempferol ameliorate myocardial infarction induced by isoproterenol through decreasing oxidative stress and cell death via Nrf-2/HO-1 and MMP/Bax/Bcl-2/TLR-4 pathways in rats	2023	Comparative Clinical Pathology	32	4		661	670	10.1007/s00580-023-03474-1
Nagula S.; Subhashini N.J.P.; Bhikshapathi D.V.R.N.; Mamatha P.; Rao S.P.	Anti-Urolithiatic and Nephroprotective Activity of Quercetin and Betulin in Conjunction with a Bio Enhancer - An in Vivo Study	2023	Biomedical and Pharmacology Journal	16	2		847	862	10.13005/bpj/2667
Nawale S.; Tarana K.; Kedar K.; Raju M.G.	Nano-formulation of Tabernaemontana divericata extract for the management of inflammation	2023	Medicinal Plants	15	2		409	418	10.5958/0975-6892.2023.00041.2
Bhattacharya J.; Srinivas Reddy D.; Prasad K.; Nitnavare R.B.; Bhatnagar-Mathur P.; Sudhakar Reddy P.	Ectopic expression of pigeonpea Orf147 gene imparts partial sterility in Cicer arietinum	2023	Gene	868		147372			10.1016/j.gene.2023.147372
Jahangir M.Z.; Chandra Sekhar P.	A 1.2GHz Frequency Range, 153.4 dBc/Hz FoM, Low Phase Noise, Current Starved Multi-Path Ring VCO	2023	Journal of Integrated Circuits and Systems	18	1				10.29292/jics.v18i1.676

K R.; Pothukanuri N.; Dasari S.G.; Reddy M.V.R.	Investigations of spray-deposited NiO thin films for ultrasensitive formaldehyde detection	2023	Journal of Alloys and Metallurgical Systems	2		100009			10.1016/j.jalme s.2023.100009
Gugulothu K.; Jatoth R.; Gudipati R.; Rajitha N.; Dandela R.; Shiva Kumar K.	Pd-catalyzed homo-coupling of benzofurans: one-pot synthesis of diverse 3,3'-bisbenzofurans	2023	Organic and Biomolecular Chemistry	21	27		5587	5591	10.1039/d3ob00658a
Baburao B.; Kumar N.H.; Edukondalu A.; Ravinder D.	Influence of Er/Fe Substitution on Mg-Zn Nanoparticles' Electromagnetic Properties and Applications	2023	Brazilian Journal of Physics	53	4	91			10.1007/s13538-023-01300-1
Saida D.; Keerthi Vardhan K.L.S.D.T.; Premchand P.	Effective Brain Tumor Classification Using Deep Residual Network-Based Transfer Learning	2023	International Journal of Electrical and Computer Engineering Systems	14	6		625	634	10.32985/ijeces.14.6.2
Rani S.V.; Anitha P.; Sabitha N.; Sagar D.K.	Effects of Aberrations on the Point Spread Function of a Three Zone Aberrated Optical Imaging System with Variable Apodization	2023	Photonics Letters of Poland	15	1		10	12	10.4302/plp.v15i1.1199
Ramanuja M.; Kavitha J.; Sudhakar A.; Babu A.A.; Kamala Sree H.; Ramesh Babu K.	Effect of Chemically Reactive Nanofluid Flowing Across Horizontal Cylinder: Numerical Solution	2023	Journal of Advanced Research in Numerical Heat Transfer	12	1		1	17	
Kaleru A.; Venkatesh S.; Kumar N.	Numerical and experimental study of a shell and tube heat exchanger for different baffles	2023	Heat Transfer	52	3		2186	2206	10.1002/htj.22780
Gugulothu K.; Jatoth R.; Edukondalu P.; Vanga A.; Matta R.; Shiva Kumar K.	Synthesis of fused bis-indazoles/indazoles via a one-pot sequential strategy	2023	Organic and Biomolecular Chemistry	21	13		2816	2821	10.1039/d3ob00121k

Nagaraju J.; Babu K.R.; Reddy G.S.K.; Ragoju R.	On oscillatory rotating convection of a couple-stress fluid with helical force	2023	Heat Transfer	52	3		2576	2592	10.1002/htj.22796
Sreeramulu T.; Devi L.N.; Rao A.R.; Laxmiarayana G.	Ring Laser Gyros: Improving Precision and Accuracy Through Soft-Core Processor-Based Active Current Balance Control Approach-Simulation and Implementation Results	2023	International Journal on Recent and Innovation Trends in Computing and	11	4		141	147	10.17762/ijritcc.v11i4.6397
Lakshmi G.V.N.; Jayalaxmi A.; Veeramsetty V.	Optimal placement of distributed generation based on DISCO's financial benefit with loss and emission reduction using hybrid Jaya-Red Deer optimizer	2023	Electrical Engineering	105	2		965	977	10.1007/s00202-022-01709-y
Sangeetha G.; Hameed A.; Ramadevudu G.; Shareefuddin M.	Physical, EPR and optical studies of SrO-ZnO-Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> -CuO glass system	2023	AIP Conference Proceedings	2779		30001			10.1063/5.0142556
Gedam S.P.; Chiriki S.; Padmavathi D.A.	Advanced machine learning based global optimizations for Pt nanoclusters	2023	Journal of the Indian Chemical Society	100	5	100978			10.1016/j.jics.2023.100978
Jannapu Reddy R.; Jagadesh Kumar J.; Haritha Kumari A.	Mn(OAc) <sub>3</sub> -Mediated Unexpected Cycloannulative Sulfonyl Migration Cascade using (E)- $\beta$ -Iodovinyl Sulfones and ortho-Alkynylphenols for Direct Synthesis of Chromene-Derived Vinyl Sulfones	2023	Organic Letters	25	13		2207	2212	10.1021/acs.orglett.3c00309
Krishnaprasad S.; Shareefuddin M.; Lakshmi pathi Rao M.; Ramadevudu G.	Physical, Optical, and Spectroscopic Characteristics of Mixed Alkali Tetraborate Glasses RO-ZnO-Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> -K <sub>2</sub> B <sub>4</sub> O <sub>7</sub> : Impact of Alkaline Earth Oxides (R = Mg, Ca)	2023	ECS Journal of Solid State Science and Technology	12	5	53002			10.1149/2162-8777/acd1b3
Vangari V.; reddy P.R.; rao L.N.; Mohammed A.; Kumar U.U.; Reddy A.P.	Rapid green synthesis of palladium nanoparticles using grape seed extract for catalytic reduction of 4-nitrophenol and crystal violet	2023	Reaction Kinetics, Mechanisms and Catalysis	136	2		1021	1032	10.1007/s11144-023-02399-8



Korikani M.; Fathima N.; Nadiminti G.; Akula S.; Kancha R.K.	Applications of promiscuity of FDA-approved kinase inhibitors in drug repositioning and toxicity	2023	Toxicology and Applied Pharmacology	465		116469			10.1016/j.taap.2023.116469
Yadaiah K.; Reddy Y.V.; Rao V.L.; Ganesh G.; Kumar N.P.; Padmasree G.; Vinodini S.E.N.; Kumar T.S.; Nagabhushanam M.	Role of Temperature on Charge Carrier Transport in Cadmium Lead Sulfide Ternary Semiconductors	2023	Journal of Electronic Materials	52	4		2737	2745	10.1007/s11664-023-10236-w
Indugula R.; Venkata Vajjha H.	Spatial variations of trace metals, salinization processes and multivariate analysis in the near surface aquifer systems of Krishna delta, Andhra Pradesh, India	2023	Environmental Earth Sciences	82	10	246			10.1007/s12665-023-10910-6
Bindu G.H.; Ramaswamy K.; Trinadh A.; Veerasomaiah P.; Vithal M.	Fabrication of Ag/AgBr/LaAlO <sub>3</sub> composite with enhanced photocatalytic performance for the degradation of methylene blue and 4-chlorophenol	2023	Journal of the Australian Ceramic Society	59	2		403	413	10.1007/s41779-023-00842-6
Kavi Kishor P.B.; Ganie S.A.; Wani S.H.; Guddimalli R.; Karumanchi A.R.; Edupuganti S.; Naravula J.; Kumar V.; Polavarapu R.; Suravajhala P.; Penna S.	Nuclear Factor-Y (NF-Y): Developmental and Stress-Responsive Roles in the Plant Lineage	2023	Journal of Plant Growth Regulation	42	5		2711	2735	10.1007/s00344-022-10739-6
Deekonda S.	Agri-food supply chains from circular economy perspective	2023	Handbook of Research on Designing Sustainable Supply Chains to Achieve a				286	305	10.4018/978-1-6684-7664-2.ch014
Mahipal B.; Venkatesh N.; Kumar D.R.; Veerasomaiah P.	Structural, optical, magnetic and dielectric properties of Ag doped Mg nano ferrites prepared by citrate gel auto combustion method	2023	Journal of Molecular Structure	1277		134843			10.1016/j.molstruc.2022.134843
Yaku G.; Ramulu D.; Thumma V.; Paluri A.; Dharavath R.	New 2-Phenylquinoline-Based Bis-Methoxymethyl-1,2,3-Triazoles as Potential Antimicrobial Agents: Synthesis and Molecular Docking Studies against COVID-19	2023	ChemistrySelect	8	14	e202300255			10.1002/slct.202300255

Sydhulua R.; Hemasria Y.	Synthesis of Novel Isoxazoline/Isoxazolyl Pyrano Heterocyclic Annulated Flavones	2023	Asian Journal of Chemistry	35	3		624	628	10.14233/ajchem.2023.27286
Kalyani B.; Alzahrani J.S.; Alrowaili Z.A.; Pujari N.; Edukondalu A.; Srinivasa Reddy M.; Olarinoye I.O.; Al-Buriahi M.S.	Optimising the physical, thermal, optical, and gamma-ray shielding features of B2O3–As2O3–Li2O–PbO glasses	2023	Journal of Materials Science: Materials in Electronics	34	7	652			10.1007/s10854-023-10062-0
Jahangir M.Z.; Paidimarry C.S.	A DIGITALLY CONTROLLED OSCILLATOR FOR ADPLL USING COMBINATIONAL FREQUENCY MULTIPLIER AND NOVEL VARIABLE DELAY INVERTER	2023	ARPN Journal of Engineering and Applied Sciences	18	8		956	960	10.59018/0423126
Sumalatha V.; Ayodhya D.; Balchander V.	Facile synthesis of hexagonal-shaped CuO NPs from Cu(II)-Schiff base complex for enhanced visible-light-driven degradation of dyes and antimicrobial studies	2023	Inorganica Chimica Acta	548		121358			10.1016/j.ica.2022.121358
Lunavath R.; Mohammad S.H.; Bhukya K.K.; Barigela A.; Banoth C.; Banothu A.K.; Bhukya B.	Antimycotic effect of 3-phenyllactic acid produced by probiotic bacterial isolates against Covid-19 associated mucormycosis causing fungi	2023	PLoS ONE	18	45354	e0279118			10.1371/journal.pone.0279118
Ramakrishna Reddy A.; Panasa Reddy A.; Thirumala Chary M.	Ruthenium(III) Catalyzed Oxidation of Hypoxanthine and Xanthine by Mn(VII) in Aqueous Brønsted Acid Solutions: A Kinetic and Mechanistic Study	2023	Asian Journal of Chemistry	35	5		1074	1078	10.14233/ajchem.2023.27618
Ashok B.; Ramesh K.; Madhu D.; Nagesh T.; Vijaya Kumar B.; Upender G.	Characterization and photocatalysis of visible light driven Z-scheme Bi2WO6/Bi2MoO6 heterojunction for Rhodamine B degradation	2023	Inorganic Chemistry Communications	150		110495			10.1016/j.inoch.2023.110495
Navitha K.; Madhusudan Rao B.; Sandhya R.	Assessment of Groundwater Potential Zone using Multi-criteria Decision-making Technique: A Case Study in the South-western Part of Yadadri Bhuvanagiri District, Telangana, India	2023	Journal of the Geological Society of India	99	4		539	544	10.1007/s12594-023-2342-9

Rajesh K.; Pothukanuri N.; Reddy M.V.R.	Synthesis and Characterization of Pure and Cu-doped NiO Thin Films for Detection of Ethanol	2023	Asian Journal of Chemistry	35	5		1250	1256	10.14233/ajchem.2023.27654
Ravi K.; Dhoddi B.N.; Pochampally J.	DBU-Mediated Efficient Synthesis of Indole-Conjugated Chromene Derivatives and Their Anticancer Evaluation and Molecular Modeling Study	2023	Russian Journal of Organic Chemistry	59	5		907	914	10.1134/S1070428023050214
Ravi K.; Dhoddi B.N.; Pochampally J.; Matta R.	Synthesis of Benzothiazole/Benzimidazole-Conjugated Imidazoles as Anticancer Agents and Their Molecular Modeling	2023	Russian Journal of Organic Chemistry	59	5		915	923	10.1134/S1070428023050226
Chatla A.K.; Rao K.V.N.; Pandey D.; Devi L.S.; Satyanarayana V.	ISOLATED AND COMBINED EFFECT OF STRENGTH TRAINING AND SPECIFIC STRENGTH TRAINING ON PERFORMANCE LEVELS AMONG ARCHERS	2023	Physical Education Theory and Methodology	23	2		214	220	10.17309/tmfv.2023.2.09
Phaneendra K.; Emineni S.P.	Trigonometric spline method for boundary layer differential difference equations with mixed shifts	2023	AIP Conference Proceedings	2707		20051			10.1063/5.0143128
Konatham S.; Patangay S.	ABIRATERONE ACETATE LOADED SOLID LIPID NANOPARTICLES FOR IMPROVED ORAL BIOAVAILABILITY: DESIGN OF EXPERIMENTS BASED FORMULATION OPTIMIZATION, IN VITRO, EX-VIVO AND IN VIVO CHARACTERIZATION	2023	International Journal of Applied Pharmaceutics	15	2		131	139	10.22159/ijap.2023v15i2.46710
Sowjanya J.N.; Rao P.R.	Development, optimization, and invitro evaluation of novel fast dissolving oral films (FDOF's) of Uncaria tomentosa extract to treat osteoarthritis	2023	Heliyon	9	3	e14292			10.1016/j.heliyon.2023.e14292
John R.A.B.; Shruthi J.; Ramana Reddy M.V.; Ruban Kumar A.	Hole concentration modulated gas sensor for selective detection of 2-methoxy ethanol	2023	Ceramics International	49	6		9122	9129	10.1016/j.ceramint.2022.11.071

Mahesh R.; Reddy P.V.	An Investigation of Superconducting Properties of Some Alkali Doped (A=Li, Na, K, Rb, Cs) Fe Based Superconductors – A First Principles Study	2023	Journal of Superconductivity and Novel Magnetism	36	5		1353	1363	10.1007/s10948-023-06576-7
Keshav P.K.; Banoth C.; Kethavath S.N.; Bhukya B.	Lignocellulosic ethanol production from cotton stalk: an overview on pretreatment, saccharification and fermentation methods for improved bioconversion process	2023	Biomass Conversion and Biorefinery	13	6		4477	4493	10.1007/s13399-021-01468-z
Vankdothu R.; Hameed M.A.; Bhukya R.; Garg G.	Entropy and sigmoid based K-means clustering and AGWO for effective big data handling	2023	Multimedia Tools and Applications	82	10		15287	15304	10.1007/s11042-022-13929-2
Babu G.L.A.; Badugu S.	Deep learning based sequence to sequence model for abstractive telugu text summarization	2023	Multimedia Tools and Applications	82	11		17075	17096	10.1007/s11042-022-14099-x
Reddy T.S.; Rama Devi Y.; Siliveri A.K.	Secure routing protocol comparison analysis between RNBR with TMR and face	2023	AIP Conference Proceedings	2724		40004			10.1063/5.0129257
Sirgamalla R.; Adem K.; Thumma V.; Devaram J.; Prathibha V.; Suresh D.; Boda S.	Palladium (II)-catalyzed C–H bond functionalization of aromatic and heteroaromatic esters with acrylates under ligand-free conditions and their Anti-microbial evaluation	2023	Chemical Data Collections	44		101006			10.1016/j.cdc.2023.101006
Bapat V.A.; Kavi Kishor P.B.; Jalaja N.; Jain S.M.; Penna S.	Plant Cell Cultures: Biofactories for the Production of Bioactive Compounds	2023	Agronomy	13	3	858			10.3390/agronomy13030858
Mahipal B.; Venkatesh N.; Kumar D.R.; Veerasomaiah P.	Al-substituted Mg nanoferrite structural, optical and electromagnetic behaviour prepared via citrate gel auto-combustion method	2023	Chemical Papers	77	5		2839	2858	10.1007/s11696-023-02670-1

Ayodhya D.	Semiconductors-based Z-scheme materials for photoelectrochemical water splitting: A review	2023	Electrochimica Acta	448		142118			10.1016/j.electacta.2023.142118
Lavuri R.	Intrinsic factors affecting online impulsive shopping during the COVID-19 in emerging markets	2023	International Journal of Emerging Markets	18	4		958	977	10.1108/IJOEM-12-2020-1530
Allu I.; Kumar Sahi A.; Kumari P.; Sakhile K.; Sionkowska A.; Gundu S.	A Brief Review on Cerium Oxide (CeO <sub>2</sub> NPs)-Based Scaffolds: Recent Advances in Wound Healing Applications	2023	Micromachines	14	4	865			10.3390/mi14040865
Bathula R.; Muddagoni N.; Dasari M.; Nakkala S.; Lanka G.; Potlapally S.R.	Synthesis and Molecular Docking Study of Novel Pyrazole-Integrated 1,3,4-Oxadiazole Derivatives as Potential Cyclin-Dependent Kinase 2 Inhibitors	2023	Russian Journal of Organic Chemistry	59	3		528	535	10.1134/S1070428023030211
Naidu T.M.P.; Sekhar P.C.	A Fast-Dehazing Technique using Generative Adversarial Network model for Illumination Adjustment in Hazy Videos	2023	Journal of Scientific and Industrial Research	82	3		328	337	10.56042/jsir.v8i2i03.71760
Ravi K.; Dhoddi B.N.; Pochampally J.; Matta R.	One-Pot Synthesis of Pyrazole-Conjugated Indole Derivatives and Evaluation of Their Anticancer Activity	2023	Russian Journal of Organic Chemistry	59	5		924	931	10.1134/S1070428023050238
Mandla S.; Illendula S.	Composition of mosquito species in three selected villages in mahabubnagar district, telangana	2023	Indian Journal of Entomology	85	1		181	183	10.55446/IJE.2022.527
Naresh M.; Kumar N.P.; Reddy C.V.	Influence of Sr and Ce Codoping on Structural, Electrical and Thermoelectric Properties of CaMnO <sub>3</sub>	2023	ECS Journal of Solid State Science and Technology	12	5	53005			10.1149/2162-8777/acd278

Kamble G.; Ganai A.M.; Lakshmi D.V.; Rao N.N.; Rajarikam N.; Rao P.V.	Impact of pyrolysis temperature on physicochemical properties of carbon nitride photocatalyst	2023	Semiconductor Science and Technology	38	5	55020			10.1088/1361-6641/acca3f
Suvarna Kumari T.; Sagar K.	A Semantic Approach to Solve Scalability, Data Sparsity and Cold-Start Problems in Movie Recommendation Systems	2023	International Journal of Intelligent Systems and Applications in Engineering	11	6		825	837	
Reddy M.V.; Sahoo P.K.; Krishnaiah A.; Ghosal P.; Nandy T.K.	Densification and microstructure studies of Mo-30–40 wt% Cu nanocomposites prepared through chemical route	2023	Journal of Alloys and Compounds	941		168740			10.1016/j.jallcom.2023.168740
Renthlei Z.; Prasad M.; Sivakumar J.; Zuala L.; Pachua L.; Devi Y.R.; Singh N.S.; Abdurakhmanov G.; Laref A.; Rai D.P.	A Thorough Investigation of Electronic, Optical, Mechanical, and Thermodynamic Properties of Stable Glasslike Sodium Germanate under Compressive Hydrostatic Pressure: Ab Initio Study	2023	ACS Omega	8	19		16869	16882	10.1021/acsomega.3c00499
Gali S.; Raghu D.; Vodnala S.; Mallikanti V.; Mupparapu P.K.; Bhaskar K.; Vaddiraju N.	Synthesis of New Phenylthiazolidinone-Linked Benzamide Derivatives and Their Antimicrobial and Molecular Docking Studies	2023	Russian Journal of General Chemistry	93	3		601	609	10.1134/S1070363223030179
Venkatesh N.; Kumar D.R.; Goud S.; Ahmad S.I.; Veerasomaiah P.; Ravinder D.	Structural, photocatalytic, electromagnetic properties of rare-earth metal Gd-doped Mg nanoferrites synthesized by citrate gel auto-combustion method	2023	Chemical Papers	77	5		2749	2767	10.1007/s11696-023-02664-z
Sakhile K.; Sarkar J.P.; Gupta P.; Rao L.N.; Gundu S.; Shaik F.	Elimination of contaminants from petroleum wastewater by inverse fluidization technique	2023	AIP Conference Proceedings	2690		20052			10.1063/5.0119503
Gooda S.K.; Chinthamu N.; Selvan S.T.; Rajakumareswaran V.; Paramasivam G.B.	Automatic Detection of Road Cracks using EfficientNet with Residual U-Net-based Segmentation and YOLOv5-based Detection	2023	International Journal on Recent and Innovation Trends in Computing and	11			84	91	10.17762/ijritcc.v11i4s.6310

Morabi Jouybari H.; Ghorbani A.; Mousazadeh H.; Golafshan A.; Akbarzadeh Almani F.; Dénes D.L.; Krisztián R.	Smartphones as a Platform for Tourism Management Dynamics during Pandemics: A Case Study of the Shiraz Metropolis, Iran	2023	Sustainability (Switzerland)	15	5	4051			10.3390/su15054051
Janakamma C.H.; Hegde N.P.	NRP-WMSN: A NOVEL ROUTING PROTOCOL FOR MULTIMEDIA TRANSMISSION IN WIRELESS MULTIMEDIA SENSOR NETWORKS	2023	Journal of Theoretical and Applied Information Technology	101	6		2426	2432	
Arora T.; Kumar S.; Khan R.; Jalander D.; Ahmed S.	Electrical imaging to decode the potential aquifer locations for water security in semiarid Niger, Africa	2023	Geosystems and Geoenvironment	2	2	100072			10.1016/j.geogeo.2022.100072
Veenachary V.; Ramana E.V.; Babu S.N.; Puli V.S.; Srinivas A.; Srinivasan G.; Saha S.; Prasad G.; Prasad N.V.	Magnetic and Magnetolectric Properties of AurivilliusThree- and Four-Layered Intergrowth Ceramics	2023	Crystals	13	3	426			10.3390/cryst13030426
Sriram K.; Lahiri D.; Agrawal V.K.; Nour D.; Choi C.S.	Probing the Variation of Reverberation Lags along with X-Ray Flux in the AGN Mrk 704	2023	Research in Astronomy and Astrophysics	23	3	35008			10.1088/1674-4527/acb87a
Chinthamu N.; Gooda S.K.; Shenbagavalli P.; Krishnamoorthy N.; Selvan S.T.	Detecting the Anti-Social Activity on Twitter using EGBDT with BCM	2023	International Journal on Recent and Innovation Trends in Computing and	11			109	115	10.17762/ijritcc.v11i4s.6313
Ludhiya V.; Hari kumar N.; Ravinder D.; Edukondalu A.	Structural, optical, dielectric and magnetic properties of Nd <sup>3+</sup> ion substituted Ni-Mg-Cu spinel ferrites	2023	Inorganic Chemistry Communications	150		110558			10.1016/j.inoch.2023.110558
Ramakrishna B.; Krishna M.V.S.M.; Sri P.U.	Effect of injection timing on exhaust emissions of insulated diesel engine with biogas	2023	AIP Conference Proceedings	2715		20027			10.1063/5.0154666

Malik A.; Ratnakaram S.; Chakravaram V.; Bhagavatham H.K.	Role of AI in various industrial managerial disciplines	2023	Advances in Soft Computing Applications				233	245	
Vijaya A.; Sriram K.	Evidence of a Third Body and Photometric Solutions of a High Temperature Marginal Contact Binary CW Aqr	2023	Research in Astronomy and Astrophysics	23	5	55009			10.1088/1674-4527/acc154
Meka S.S.L.; Kandadai R.M.; Alugolu R.; Haragopal V.V.; Borgohain R.	Effect of medication and deep brain stimulation on gait in Parkinson's disease and its quantitative analysis using Mobishoe - A comparative study	2023	Annals of Indian Academy of Neurology	26	2		156	160	10.4103/aian.aian_769_22
Singh R.U.; Sekhar K.C.; Alzahrani J.S.; Alrowaili Z.A.; Shareefuddin M.; Purushotham Y.; Olarinoye I.O.; Al-Buriah M.S.	Effect of MoO3 on Na2O-B2O3-CdO-ZnO glasses: Applications in optoelectronics, communication devices, and radiation shielding	2023	Ceramics International	49	7		11600	11611	10.1016/j.ceramint.2022.12.007
Sriram K.; Vijaya A.; Lahiri D.; Choi C.S.	Understanding the flare emission in CF Tucanae using TESS	2023	Publications of the Astronomical Society of Japan	75	2		476	488	10.1093/pasj/psad013
Naik B.M.; Naga Raju V.	m-Continuity and Fixed Points in N-Complete G-Metric Spaces	2023	Mathematics and Statistics	11	2		340	344	10.13189/ms.2023.110213
Chinthamu N.; Gooda S.K.; Venkatachalam C.; Swaminathan S.; Malathy G.	IoT-based Secure Data Transmission Prediction using Deep Learning Model in Cloud Computing	2023	International Journal on Recent and Innovation Trends in Computing and	11			68	76	10.17762/ijritcc.v11i4s.6308
Aare N.Y.; Anoor P.K.; Swathi Raju M.; Naik N.S.; Burgula S.	Neutrophil gelatinase associated lipocalin a proinflammatory polypeptide necessary for host cell survival in bacterial infection	2023	Journal of Applied Biology and Biotechnology	11	3		77	84	10.7324/JABB.2023.98854



Rama Rao J.V.; Ravi Kumar B.; Veeraiah B.	A possible paleorift zone in the Central Dharwar Craton of South Indian Shield: Evidence from regional gravity anomalies	2023	Geosystems and Geoenvironment	2	2	100141			10.1016/j.geogeo.2022.100141
Kour S.; Biswas I.; Sheoran S.; Arora S.; Sheela P.; Duppala S.K.; Murthy D.K.; Pawar S.C.; Singh H.; Kumar D.; Prabhu D.; Vuree S.; Kumar R.	Artificial intelligence and nanotechnology for cervical cancer treatment: Current status and future perspectives	2023	Journal of Drug Delivery Science and Technology	83		104392			10.1016/j.jddst.2023.104392
Supriya M.; Adilakshmi T.	Secure Cluster-based Routing using TCSA and Hybrid Security Algorithm for WSN	2023	International Journal on Recent and Innovation Trends in Computing and	11	5		120	127	10.17762/ijritcc.v11i5.6585
Lingampally V.; Kavuri R.	Combining Super Resolution and EfficientNet Models to Reduce False Positives and False Negatives in Breast Cancer Detection	2023	International Journal of Engineering Trends and Technology	71	5		386	401	10.14445/22315381/IJETT-V71I5P239
Rameshwar Y.; Srinivas G.; Laroze D.	Finite Amplitude Oscillatory Convection of Binary Mixture Kept in a Porous Medium	2023	Processes	11	3	664			10.3390/pr11030664
Prasad C.; Nagesh P.; Kishan C.; Krishna V.M.; Balaswamy A.; Manga V.; Prashanth B.; Aparna Y.	Synthesis, Antimicrobial Evaluation, and In Silico Molecular Docking Studies of Chalcone-Based 1,2,3-Triazoles	2023	Russian Journal of General Chemistry	93	5		1162	1170	10.1134/S1070363223050171
Thoudam P.; Anwar I.; Bino E.; Thoudam M.; Chanu A.M.; Saleem I.	Passionate, motivated and creative yet not starting up: A moderated-moderation approach with entrepreneurship education and fear of failure as moderators	2023	Industry and Higher Education	37	2		294	308	10.1177/09504222221120779
Aluvalu R.; Mudrakola S.; V U.M.; Kaladevi A.C.; Sandhya M.V.S.; Bhat C.R.	The novel emergency hospital services for patients using digital twins	2023	Microprocessors and Microsystems	98		104794			10.1016/j.micpro.2023.104794

Modem N.; Nurhayati A.; Venkata Ramana K.; Swamy B.; Reddy C.V.	Structural, Electrical, and Thermoelectric Properties of La and Sr Co-Doped CaMnO <sub>3</sub> Compounds	2023	ECS Journal of Solid State Science and Technology	12	3	33008			10.1149/2162-8777/acc427
Lakkimsetty N.R.; Al Rahbi B.; Karunya S.; Kavitha G.; Gundu S.	Experimental studies on conversion of waste plastic into low-emissive hydrocarbon fuels	2023	AIP Conference Proceedings	2690		20051			10.1063/5.0119482
Ramesh T.; Sadhana K.; Praveena K.	Enhanced microwave absorbing properties of manganese zinc ferrite: polyaniline nanocomposites	2023	Journal of Materials Science: Materials in Electronics	34	15	1245			10.1007/s10854-023-10651-z
Shankar A.N.; Prasad M.; Selvaraj R.; George M.; Mohanty A.; Sivakumar J.	Experimental Investigation of the Hydrophobic and Modal Properties of Epoxy Nanocomposites Reinforced with Graphene Nanofillers	2023	Transactions of the Indian Institute of Metals	76	5		1313	1319	10.1007/s12666-022-02847-4
Babu A.B.; Bhavani Anagani K.D.; Sravanthi P.	Green Synthesis of Gold Nanoparticles using Carambola Fruit Extract and Evaluation of their Antioxidant and Anticancer Efficiency	2023	Asian Journal of Chemistry	35	3		739	747	10.14233/ajchem.2023.26988
Aitha S.; Thumma V.; Ambala S.; Matta R.; Panga S.; Pochampally J.	Bis 1, 2, 3- Triazoles Linked Deoxybenzoin Hybrids as Antimicrobial Agents: Synthesis, In Vitro and In Silico Screening	2023	ChemistrySelect	8	13	e202300405			10.1002/slct.202300405
Gangipelli C.; Akavaram V.; Venkataraman G.	On the condition for wave number in the stability of hydromagnetic swirling-flows	2023	AIP Conference Proceedings	2707		30001			10.1063/5.0143050
Prasad M.; Maneengam A.; Siddique M.J.; Selvaraj R.	Static and dynamic characteristics of jute/glass fiber reinforced hybrid composites	2023	Structures	50			954	962	10.1016/j.istruc.2023.01.116

Vemula S.; Kovvur R.M.R.; Marneni D.	CryptNoSQL – A Methodology for Secure Querying and Processing of Encrypted NoSQL Data on the Cloud Environment	2023	SSRG International Journal of Electronics and Communication Engineering	10	5	IJECE-V10I5P102	14	27	10.14445/23488549/IJECE-V10I5P102
Chaitanya V.K.; Jalapathi P.; Chandar M.R.; Vishnu T.; Veerabhadrarajah M.; Raghavender M.	Novel hybrid molecules based on triazole-quinoline as potential anticancer agents: screening on MCF-7 cell line, docking studies, and pharmacokinetics evaluation	2023	Journal of the Iranian Chemical Society	20	4		995	1006	10.1007/s13738-022-02737-y
Gurubrahmam K.; Ramamohan Rao T.; Chandra Sekhar Reddy M.	Study on added damping due to resistive shunting on cantilever, simply supported beam, and effect on the variation of amplitude at resonance	2023	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering	237	7		1613	1630	10.1177/09544062221132186
Laghaoui S.; Fakhim Lamrani A.; Ahl Laamara R.; Maskar E.; Laref A.; Prasad M.; Sivakumar J.; Rai D.P.	Study of electronic, magneto-optical and transport properties of double perovskite Ca <sub>2</sub> XMnO <sub>6</sub> (X = Ti, Cr) under uniaxial compressive strain by using a DFT method	2023	Modern Physics Letters B	37	12	2350026			10.1142/S0217984923500264
Sukanya V.; Ramachandram S.	Cat and Mouse Based Task Optimization Model for Optimized Data Collection in Smart Agriculture	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11	4		160	174	10.17762/ijritcc.v11i4.6399
Botla A.; Durga G.K.; Paidimarry C.	Design and Implementation of C/A code Generation for SOC-based GNSS-SDR Applications	2023	International Journal of Engineering Trends and Technology	71	4		128	139	10.14445/22315381/IJETT-V71I4P212
Komaraiah D.; Sayanna R.	Structural, optical properties and photocatalytic activity of spin-coated CuO thin films	2023	Advances in Natural Sciences: Nanoscience and Nanotechnology	14	1	15006			10.1088/2043-6262/acc455
Reddy S.V.; Manjula M.	Reliable and efficient operation of distribution network by connecting solar distributed generation	2023	International Journal of Applied Power Engineering	12	1		83	89	10.11591/ijape.v12.i1.pp83-89

Reddy R.J.; Kumari A.H.; Krishna G.R.	Unified Radical Sulfonylative-Annulation of 1,6-Enynols with Sodium Sulfonates: A Modular Synthesis of 2,3-Disubstituted Benzoheteroles	2023	Journal of Organic Chemistry	88	3		1635	1648	10.1021/acs.joc.2c02696
Priyadarshini T.S.; Hameed M.A.; Qadeer S.A.	Developing a Deep Learning Heart Stroke Prediction Model Using Combination of Fixed Row Initial Centroid Method with Navie Bayes and Decision Tree Classifiers	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine				381	388	10.1109/ICCCMLA58983.2023.10346639
Ch Vidyasagar K.E.; Srimanth Raj M.; Mahreen S.; Saikia M.J.	Gaze Tracking Control System for Wheelchair and Smart Home Automation	2023	2023 IEEE 19th International Conference on Body Sensor Networks, BSN 2023						10.1109/BSN58485.2023.10331573
Bhoi K.; Pradhan D.K.; Chandrakanta K.; Simhachalam N.B.; Singh A.K.; Vishwakarma P.N.; Kumar A.; Rack P.D.; Pradhan D.K.	Investigations of room temperature multiferroic and magneto-electric properties of (1-?) PZTFT-? CZFMO particulate composites	2023	Journal of Applied Physics	133	2	24101			10.1063/5.0120665
Patil K.N.; Manikanta P.; Nikam R.R.; Srinivasappa P.M.; Jadhav A.H.; Aytam H.P.; Rama Rao K.S.; Nagaraja B.M.	Effect of precipitating agents on activity of co-precipitated Cu–MgO catalysts towards selective furfural hydrogenation and cyclohexanol dehydrogenation reactions	2023	Results in Engineering	17		100851			10.1016/j.rineng.2022.100851
Rajesham S.; Sekhar K.C.; Shareefuddin M.; Kumar J.S.	Impact of MoO <sub>3</sub> on physical and spectroscopic (optical, FTIR, Raman and EPR) studies of B <sub>2</sub> O <sub>3</sub> -CdO-Al <sub>2</sub> O <sub>3</sub> -ZnF <sub>2</sub> glasses for optical and shielding applications	2023	Optik	272		170241			10.1016/j.ijleo.2022.170241
Gogula S.S.; Konakalla R.; Kamireddy K.R.; Puchakayala M.R.; Lincoln C.A.; Basireddy V.S.R.	Diisobutylaluminium hydride mediated efficient synthesis of Morita–Baylis–Hilman adducts through ?-functionalization of alkyl propiolates	2023	Journal of Heterocyclic Chemistry	60	3		471	476	10.1002/jhet.4602
Jagadeesh S.; Reddy M.C.K.	Convection of 3D MHD non-Newtonian couple stress nanofluid flow via stretching surface	2023	Heat Transfer	52	2		1081	1096	10.1002/htj.22730

Bindu G.H.; Kammar V.; Srilekha P.; Swetha K.; Laxmi Y.K.; Veerasomaiah P.; Vithal M.	Preparation, characterization and photocatalytic studies of LaAlO <sub>3</sub> Fe <sub>0.5</sub> O <sub>3</sub> , LaAlO <sub>3</sub> Cr <sub>0.5</sub> O <sub>3</sub> and LaCrO <sub>3</sub> Fe <sub>0.5</sub> O <sub>3</sub>	2023	Journal of Molecular Structure	1273		134220			10.1016/j.molstruc.2022.134220
Sumalatha V.; Ayodhya D.	Synthesis of Schiff base stabilized AgNPs for enhanced catalytic degradation of antibiotics, Hg(II) detection, antioxidant, and antimicrobial activities	2023	Materials Today: Proceedings	92			1240	1245	10.1016/j.matpr.2023.05.346
Ramesh J.; Reddy S.S.K.; Srinivas B.; Reddy M.S.; Reddy Ch.G.; Reddy P.Y.	The structural, electrical properties, and surface morphology of Gd doped LaFeO <sub>3</sub> polycrystalline materials	2023	Materials Today: Proceedings	92			1138	1141	10.1016/j.matpr.2023.05.160
Balram G.; Kumar P.S.	Harmonics Reduction and Balanced Transition in Hybrid Renewable Energy Sources in a Micro Grid Power System	2023	Journal of New Materials for Electrochemical Systems	26	4		233	242	10.14447/jnmes.v26i4.a01
Pinaki B.S.; Reddy M.D.; Kapardi S.	A Comparative Study about Content-Based Image Retrieval using Features from Deep Convolutional Neural Networks	2023	2023 International Conference on Communication, Security and Artificial				250	254	10.1109/ICCSAI59793.2023.10421161
Yadav S.; Dixit S.; Chakka S.R.	Neural Network-based Synthesis for Digital Sound Processing	2023	2023 International Conference on Cognitive Computing and Complex Data				133	138	10.1109/ICCD59681.2023.10420779
Roy Munna K.R.; Jogu R.	FLUID-SEARCH: A Heuristic based search for large data sets	2023	Proceedings of the 2023 1st International Conference on Cyber Physical Systems, Power						10.1109/ICPEEV58650.2023.10391834
Phani P.R.C.; Srinivas M.; Kamvisis I.; Ananda Reddy R.	Lamprophyre sites of Wajrakarur Kimberlite Field, southern India- potential candidates for developing as geoparks	2023	International Journal of Geoheritage and Parks	11	1		21	38	10.1016/j.ijgeop.2022.09.002

Balraj G.; Ambala A.; Rammohan K.; Ayodhya D.	A facile, an efficient and improved solvent-free protection of amines using reusable 5 wt% SnO <sub>2</sub> /La <sub>2</sub> O <sub>3</sub> heterogeneous catalyst	2023	Materials Today: Proceedings	92			1263	1267	10.1016/j.matpr.2023.05.350
Supriya M.; Adilakshmi T.	Security Aware Cluster-Based Routing Using MTCSA and HEA for Wireless Sensor Networks	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2		663	669	
Nagamma J.; Ratnakar J.; Ajay kumar A.; Ashok C.H.	Geochemical studies of hybrid granite from Madugulapalli area, Eastern Dharwar Craton, Southern India: Implications for crustal mixing	2023	Acta Geochimica	42	1		9	23	10.1007/s11631-022-00568-5
Sana S.S.; Pasha A.; Kumbhakar D.V.; Pawar S.C.; Li H.; Hou T.; Sharma M.; Gupta V.K.; Zhang Z.	SnO <sub>2</sub> -NPs (synthesized from crude rosmarinic acid) inhibit HeLa cells progression in vitro for anti-tumor investigation and act as an angiogenic inhibitor in ovo CAM xenograft	2023	Nano-Structures and Nano-Objects	33		100918			10.1016/j.nanos.2022.100918
Ashok A.; Sonyanaik B.; Sakram B.	Green synthesis of substituted 1,8-naphthyridin-thiazole scaffolds, molecular docking studies and biological evaluation	2023	Research on Chemical Intermediates	49	3		1029	1041	10.1007/s11164-022-04951-y
Gaddam M.; Muktevi C.; Mangu B.	Long - Term operational Energy production analysis of 200KWp Roof Top Grid Interactive Solar PV System: A Research Study	2023	2023 IEEE International Conference on Power Electronics, Smart Grid, and						10.1109/PESGR E58662.2023.10404640
Bhanutej J.N.; Kumar G.G.; Kalahasthi N.; Mahalakshmi K.S.	Analysis and Design of Reliable Converter Topology for Grid Connected PV Systems with ANN Controller	2023	2023 3rd International Conference on Smart Generation Computing						10.1109/SMART GENCON60755.2023.10442287
Nandigama S.V.; Kunooru B.; Ramakrishna D.; Pandharipande V.M.	Pattern Similarity and Gain Enhancement of Dual-Band Antenna Using an ENZ Metamaterial	2023	Journal of Electromagnetic Engineering and Science	23	6		461	469	10.26866/jees.2023.6.r.191

Poloji N.; Hasan P.; Hasan S.N.	Possible merger signatures of the bulges of non-dwarf galaxies in the core of the Coma Cluster	2023	New Astronomy	99		101963			10.1016/j.newast.2022.101963
Ayodhya D.	Fabrication of SPR triggered Ag-CuO composite from Cu(II)-Schiff base complex for enhanced visible-light-driven degradation of single and binary-dyes and fluorometric detection of nitroaromatic compounds	2023	Inorganic Chemistry Communications	148		110295			10.1016/j.inoch.2022.110295
Venkatesham P.; Ranjan N.; Mudiraj A.; Kuchana V.; Chedupaka R.; Manga V.; Babu P.P.; Vedula R.R.	New class of fused [3,2-b][1,2,4]triazolothiazoles for targeting glioma in vitro	2023	Bioorganic and Medicinal Chemistry Letters	80		129103			10.1016/j.bmcl.2022.129103
Ungarala R.; Sinha S.N.; Sunder R.S.	Ultra high-Performance Liquid Chromatography (UHPLC) method development and validation for the identification of oxidized product of Epigallocatechin-3-Gallate (EGCG)	2023	Journal of Chromatographic Science	61	2		140	150	10.1093/chromsci/bmac028
Nayak S.K.; Kore R.; Ahmed M.S.; Verma P.; Vallavoju R.; Banerjee D.; Pola S.; Soma V.R.; Chetti P.; Raavi S.S.K.	Femtosecond nonlinear optical properties of polycyclic aromatic hydrocarbon-based Benzo[e]pyrene derivatives	2023	Optical Materials	137		113603			10.1016/j.optmat.2023.113603
Radha E.; Komaraiah D.; Sivakumar J.	Structural, luminescence emission and photocatalytic properties of pure and Dy <sup>3+</sup> doped anatase TiO <sub>2</sub> nanorods	2023	Materials Chemistry and Physics	297		127312			10.1016/j.matchemphys.2023.127312
Krishnaprasad G.; Bhanumurthy S.; Nath N.K.; Babu P.R.	Experimental investigation of delamination of carbon and glass fiber during abrasive water jet machining	2023	Materials Today: Proceedings	92			1526	1532	10.1016/j.matpr.2023.06.013
Baburao B.; Hari Kumar N.; Edukondalu A.; Venkata Narayana M.; Ravinder D.	Structural, optical, DC electrical, thermo-electric, dielectric and magnetic properties of Mg <sub>0.8</sub> Zn <sub>0.2</sub> GdxFe <sub>2-x</sub> O <sub>4</sub> nanoparticles synthesised by citrate-gel auto combustion method	2023	Inorganic Chemistry Communications	148		110355			10.1016/j.inoch.2022.110355

Kavitha B.; Sekhar K.C.; Kumar K.S.; Narsimlu N.	Influence of NaBr on structural studies of PVA/TiO <sub>2</sub> polymer composites	2023	Optik	272		170244			10.1016/j.ijleo.2022.170244
Basheer Md.A.; Samdani Md.; Hussain S.T.; Prasad N.V.	Voigt Profile is Suitable for Impedance Spectroscopic Analysis of BLSF Ceramics	2023	Jordan Journal of Physics	16	5		579	585	10.47011/16.5.8
Kumar R.V.; Kumar D.R.	Recycled plastic (HDPE) coarse aggregate manufacturing method and performance in concrete	2023	Materials Today: Proceedings	92			1304	1309	10.1016/j.matpr.2023.05.489
Ayodhya D.	A review of recent progress in 2D MXenes: Synthesis, properties, and applications	2023	Diamond and Related Materials	132		109634			10.1016/j.diamond.2022.109634
Sathyanarayana M.; Ramakrishna Goud T.	Characteristics of MHD nanofluid flow towards a vertical cone under convective cross-diffusion effects through numerical solutions	2023	Heat Transfer	52	2		1734	1753	10.1002/htj.22761
Madhuri J.H.; Chanakya N.; Satyavardhan D.; Ramesh C.; Upender G.	XPS, FTIR, DSC and optical absorption investigations on 55B <sub>2</sub> O <sub>3</sub> -20ZnO-(25-x)Li <sub>2</sub> O-xBi <sub>2</sub> O <sub>3</sub> (0 ≤ x ≤ 25 mol%) glass system	2023	Journal of Non-Crystalline Solids	600		122019			10.1016/j.jnoncrsol.2022.122019
Reddy R.J.; Kumari A.H.; Sharadha N.	CYCLOANNULATION STRATEGIES FOR THE DIRECT CONSTRUCTION OF 3-FUNCTIONALIZED BENZOHETEROLE	2023	Targets in Heterocyclic Systems	27			223	253	10.17374/targets.2024.27.223
Swarupa M.L.; Lakshmi G.S.; Sreeshobha E.	Design and Emulation of Solar Panel Output Power Characteristics Using Arduino	2023	Proceedings - 2023 International Conference on Advanced and Global				65	70	10.1109/AGECS7922.2023.00024



Beg A.A.; Thamer M.B.; Ali M.A.	Assessment of Basin Morphometric Measurements Accuracy Based on Different DEM Data, Chai Dakuk Basin, Northeast Iraq: A Case Study	2023	Iraqi Geological Journal	56	1		246	262	10.46717/igj.56.18.18ms-2023-2-26
GangaReddy K.; Reddy M.V.R.	Physical vapour deposition of Zn <sup>2+</sup> doped NiO nanostructured thin films for enhanced selective and sensitive ammonia sensing	2023	Materials Science in Semiconductor Processing	154		107198			10.1016/j.mssp.2022.107198
Mallika G.; Shailaja K.	Phytochemical Composition, Antioxidant and Antibacterial Studies on Celtis Timorensis Leaf Extract	2023	Biomedical and Pharmacology Journal	16	4		2377	2385	10.13005/bpj/2813
Venugopal R.; Narsimlu N.; Srinivas Ch.	Fabrication of PVA-MWCNT nanocomposite films for UV-shielding applications	2023	Materials Today: Proceedings	92			1167	1174	10.1016/j.matpr.2023.05.222
Chary B.S.; Balakrishna A.; Srinivas B.; Sekhar K.C.; Hameed A.; Shareefuddin M.	Impact of BaF <sub>2</sub> on physical and spectroscopic studies of TeO <sub>2</sub> -Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> glasses modified with Cu <sup>2+</sup> ions	2023	Optical Materials	137		113517			10.1016/j.optmat.2023.113517
Nayak K.; Rani H.P.; Rameshwar Y.; Brestenský J.	WEAKLY NONLINEAR ANALYSIS OF MAGNETOCONVECTION WITH ANISOTROPIC DIFFUSIVITIES IN EARTH'S CORE CONDITIONS NEAR THE ONSET OF STATIONARY CONVECTION	2023	21st Conference of Czech and Slovak Physicists, Proceedings				21	22	
Malathi A.R.; Madhavi K.; Prasad G.	Frequency and temperature dependent electrical characteristics of NBT based ceramics prepared by Sol-gel method	2023	Materials Today: Proceedings	92			1340	1343	10.1016/j.matpr.2023.05.501
Kambampati S.; Emineni S.P.; Reddy M C.K.; Kolloju P.	FOURTH ORDER COMPUTATIONAL SPLINE METHOD FOR TWO-PARAMETER SINGULARLY PERTURBED BOUNDARY VALUE PROBLEM	2023	International Journal of Applied Mechanics and Engineering	28	4		79	93	10.59441/ijame/176516

Pothuneni R.R.; Devarapalli S.P.; Jagirdar R.	The First Photometric and Spectroscopic Study of Contact Binary V2840 Cygni	2023	Research in Astronomy and Astrophysics	23	2	25017			10.1088/1674-4527/aca6e
Bethany G.; Raj G.E.; Gupta M.	Machine Learning and Deep Learning Techniques to Classify Depressed Patients from Healthy, by Using Brain Signals from Electroencephalogram (EEG)	2023	Data Modelling and Analytics for the Internet of Medical Things				171	185	10.1201/9781003359951-13
Anand S.; Raja R.G.; Sheela T.	An overview of AI platforms, frameworks, libraries, and processes	2023	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies				93	113	
Shashi Devi S.; Reddy Y.M.; Laxmi S.U.	Nano alumina effect on ionic conductivity of (X)KNO <sub>3</sub> - (1-X)Ba(NO <sub>3</sub> ) <sub>2</sub>	2023	Materials Today: Proceedings	92			1118	1121	10.1016/j.matpr.2023.05.142
Madhu B.; Venu Gopala Chari M.; Vankdothu R.; Siliveri A.K.; Aerranagula V.	Intrusion detection models for IOT networks via deep learning approaches	2023	Measurement: Sensors	25		100641			10.1016/j.measen.2022.100641
Bhanutej J.N.; Ravikumar B.; Rajasekaran S.; Kalahasthi N.; Mahalakshmi K.S.	THD Analysis of Different Multilevel Inverter Topologies for PV Applications	2023	2023 3rd International Conference on Smart Generation Computing						10.1109/SMARTGENCON60755.2023.10442961
Krishna K.M.; Kumar P.N.	Improving the Position Accuracy of Rover Receiver using Differential Positioning in Indian Regional Navigation Satellite System	2023	International Journal of Engineering, Transactions A: Basics	36	3		497	504	10.5829/ije.2023.36.03c.09
Ravi G.; Das M.S.; Karmakonda K.	Energy Efficient Data Aggregation Scheme using Improved LEACH Algorithm for IoT Networks	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2s		174	188	

Jyothirmai C.; Malathi A.R.; Kirana K.; Prasad G.; Prasad N.V.	Impedance spectroscopic studies on Sr and Zr modified four layered BLSF ceramics	2023	Materials Today: Proceedings	92			1213	1217	10.1016/j.matpr.2023.05.319
Kacharla Sunil Kumar R.; Ravande K.	Influence of Different Lengths and Volumes of Basalt Fibre on Mechanical Properties of Concrete	2023	Civil Engineering and Architecture	11	2		613	628	10.13189/cea.2023.110207
Subbareddy K.V.; Sandhya P.; Pavani B.	Directional Edge Coding For Facial Expression Recognition System	2023	2023 IEEE 7th Conference on Information and Communication Technology, CICT 2023						10.1109/CICT59886.2023.10455519
Vallavoju R.; Kore R.; Radhika P.; Subburu M.; Gade R.; Basude M.; Pola S.; Chetti P.	Enhanced piezo-photocatalytic properties of new salophen based Ti (IV) complexes	2023	Inorganic Chemistry Communications	148		110272			10.1016/j.inoch.2022.110272
Undeti E.; Chakravarthy M.	The Control of Three-Phase Squirrel Cage Induction Motor by Indirect Field Oriented Control for E-Mobility	2023	2023 3rd International Conference on Emerging Frontiers in Electrical and						10.1109/ICEFEE T59656.2023.10452209
Srividya P.; Nirmala Devi L.; Nageswar Rao A.	A trusted effective approach for forecasting the failure of data link and intrusion in wireless sensor networks	2023	Theoretical Computer Science	941			1	13	10.1016/j.tcs.2022.08.004
Kandula K.; Myakala N.; Rayala N.; Kuna S.; Vodnala S.; Thumma V.; Bhavani A.K.D.	Synthesis of Novel Series of 1,2,3-Triazoles Tethered to Pyrazolo[3,4-d]pyrimidine Scaffold with Methoxyphenoxy Linker	2023	Asian Journal of Chemistry	35	12		3087	3092	10.14233/AJCHEM.2023.29040
Nalvolthula R.; Merugu R.; Koyyati R.; Rudra M.P.P.	Synthesis, Characterization, Anticancer, and Antimicrobial Activities of Bimetallic Silver and Gold Nanoparticles Synthesized Using a Purple Non-Sulfur Bacterium Rhodopseudomonas faecalis	2023	Macromolecular Symposia	407	1	2100373			10.1002/masy.202100373

Ganta S.; Komaravalli P.L.; Ahmad S.; Gaddam S.L.	Influence of genetic variants and mRNA expression of interleukin IL17A gene in asthma susceptibility	2023	Gene	854		147119			10.1016/j.gene.2022.147119
Srisailam C.; Manjula M.	Optimized FOPID Controller for Transient Stability Improvement in a Microgrid with Energy Storage	2023	SSRG International Journal of Electrical and Electronics Engineering	10	2		19	34	10.14445/23488379/IJEEE-V10I2P103
Nagaraju G.; Alharshan G.A.; Chandra Sekhar K.; Alrowaili Z.A.; Shareefuddin M.; Olarinoye I.O.; Karuna Sagar D.; Al-Buriahi M.S.	Significant impact of lead(II) chloride on synthesis and properties of boron-based metallic glasses for mechanical, optical, and radiation applications	2023	Journal of Materials Science: Materials in Electronics	34	5	374			10.1007/s10854-022-09742-0
Devi B.S.N.; Ul Haque M.I.	Impact Of Information Technology On Organizational Commitment And Job Satisfaction	2023	3rd IEEE International Conference on ICT in Business Industry and Government						10.1109/ICTBIG59752.2023.10456086
Sunku M.; Venkataswamy P.; Bindu G.H.; Srilekha P.; Srinivas M.; Vithal M.	A Novel Approach for Generation of Oxygen Vacancies in Trirutile MnSb2O6 and Their Impact on Photocatalytic Degradation of MO Dye	2023	European Journal of Inorganic Chemistry	26	7	e202200550			10.1002/ejic.202200550
Sarkari R.; Mandari K.K.; Medak S.; Ramineni K.; Aytam H.P.; Akula V.	Synthesis of 2-Methylpyrazine Using Crude Glycerol over Zn-Cr-O Catalyst: A Value Addition Process for the Utilization of Biodiesel By-Product	2023	Catalysts	13	2	318			10.3390/catal13020318
Nour D.; Sriram K.	Dependency of optical/UV parameters on X-ray spectral index in AGNs	2023	Journal of High Energy Astrophysics	37			34	45	10.1016/j.jheap.2022.12.002
Hijazy H.H.A.; Dahran N.; Althagafi H.A.; Alharthi F.; Habotta O.A.; Oyouni A.A.A.; Algahtani M.; Theyab A.; Al-Amer O.; Lokman M.S.; Alsharif K.F.; Albrakati A.; Amin H.K.; Dawood S.M.; Kassab R.B.; Ellethy R.A.	Thymoquinone counteracts oxidative and inflammatory machinery in carrageenan-induced murine paw edema model	2023	Environmental Science and Pollution Research	30	6		16597	16611	10.1007/s11356-022-23343-8

Rao V.L.; Reddy Y.V.; Kumar T.S.; Kumar N.P.; Kunta B.P.; Nagabhushanam M.	Investigation of frequency and temperature dependence on dielectric properties of cobalt zinc sulfide compounds prepared by co-precipitation route	2023	Solid State Communications	360		115052			10.1016/j.ssc.2022.115052
Mudrakola S.; Hegde N.	Removal of noise on mammogram breast images using filtering methods	2023	Concurrency and Computation: Practice and Experience	35	1	e7444			10.1002/cpe.7444
Veeranki K.C.; Pochampally J.; Maroju R.C.	Synthesis of Novel Biaryl Fused Thiazolo[3,2-b][1,2,4]triazol-2-amines from Thiazole Amine Involving Suzuki Coupling Reaction under Microwave Irradiation	2023	Asian Journal of Chemistry	35	2		431	434	10.14233/ajchem.2023.26998
Albeltagy R.S.; Dawood S.M.; Mumtaz F.; Abdel Moneim A.E.; El-Habit O.H.	Antioxidant capacity of N-acetylcysteine against the molecular and cytotoxic implications of cadmium chloride leading to hepatotoxicity and vital progression	2023	Environmental Science and Pollution Research	30	9		23237	23247	10.1007/s11356-022-23823-x
Battu T.; Reddy Lakshmi D.S.	Animal image identification and classification using deep neural networks techniques	2023	Measurement: Sensors	25		100611			10.1016/j.measen.2022.100611
Bodapatla S.K.; Malleshm G.; Sarma P.M.	The Effects of FOPID Controller Parameters on Subsynchronous Control Interaction Type of Stability Issue in DFIG Wind Power Systems	2023	2023 International Conference on Power Energy, Environment and Intelligent				253	260	10.1109/PEEIC59336.2023.10450889
Angineni R.; Venkataswamy P.; Veldurthi N.K.; Ramaswamy K.; Sudheera M.; Vithal M.	Photocatalytic degradation studies of carbon and sulfur-doped K <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub>	2023	Journal of Materials Science: Materials in Electronics	34	7	633			10.1007/s10854-023-09973-9
Mohan V.M.; Suvarna T.; Bhargav P.B.; Mohan Babu P.	Novel KOH treated Li-CuO as cathode for the application of lithium-ion batteries	2023	EPJ Applied Physics	98		64			10.1051/epjap/2023230062

Puli V.S.; Jayakrishnan A.R.; Pradhan D.K.; Madgula K.; Babu S.N.; Chrisey D.B.; Katiyar R.S.; Reed A.; McConney M.; Back T.; Van Ginhoven R.M.; Heidger S.	Review on energy storage in lead-free ferroelectric films	2023	Energy Storage	5	1	e359			10.1002/est.2.359
Yalla M.R.; Jeedi V.R.; Ganta K.K.; Reddy S.N.; Chary A.S.	Preparation, characterization and electrical properties of 80 PEO - 20 PVdF: x NaNO <sub>3</sub> complexed polymer electrolyte systems	2023	Materials Today: Proceedings	92			1575	1586	10.1016/j.matpr.2023.06.061
kumar N.H.; Ravinder D.; Edukondalu A.	Effect of Ce <sup>3+</sup> ion doped Ni-Zn ferrites: Structural, optical and low temperature magnetic properties	2023	Chinese Journal of Physics	81			171	180	10.1016/j.cjph.2022.11.019
Kalyana Lakshmi Y.; Bharadwaj S.; Chanda S.; Venkata Koti Reddy C.; Pola S.; Siva Kumar K.V.	Iron ion non-stoichiometry and its effect on structural, magnetic and dielectric properties of cobalt ferrites prepared using oxalate precursor method	2023	Materials Chemistry and Physics	295		127172			10.1016/j.matchemphys.2022.12.7172
Vishnupriyan J.; ChayaDevi S.K.; Megala V.; Karpagam R.	Design and Qualitative Analysis of 5-nm Nanowire TFET with Spacer Engineering	2023	Journal of Electronic Materials	52	3		2094	2099	10.1007/s11664-022-10182-z
Lingfa L.; Tirumala A.; Ankanagari S.	GC-MS profiling of anticancer and antimicrobial phytochemicals in the vegetative leaf, root, and stem of Withania somnifera (L.) Dunal	2023	International Journal of Secondary Metabolite	11	1		63	77	10.21448/IJSM.1256932
Kumar B.A.; Indira P.; Bindu P.H.	Structural and optical properties of vanadium doped lithium barium borate glasses	2023	Materials Today: Proceedings	92			946	950	10.1016/j.matpr.2023.04.549
Swamy K.M.; Bhaskar K.	Novel triazolo pyridine derivatives and their anti cancer activity	2023	Geneesmiddelen bulletin	57	10				

Vasantha A.; Vijayalaxmi B.; Venkatesham K.; Nappunni R.C.; Aytam H.P.	Effect of Lanthanum Loading on the Photocatalytic Degradation of Brilliant Yellow and Acid Blue Dyes in Visible Light and Sunlight over La <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> Nanocomposites	2023	Asian Journal of Chemistry	36	1		69	80	10.14233/ajchem.2024.30626
Mamindla A.K.; Ramadevi Y.	ANN-ABC META-HEURISTIC HYPER PARAMETER TUNING FOR MAMMOGRAM CLASSIFICATION	2023	Journal of Theoretical and Applied Information Technology	101	1		1	10	
Kuna D.; Kumar P.N.	Assessing Potential Performance of GPS and Galileo in Context of Broadcast Precise Orbits and Clock Corrections	2023	International Journal of Engineering, Transactions A: Basics	36	3		465	472	10.5829/ije.2023.36.03c.05
Gouthami S.; Hegde N.P.	SENTIMENT ANALYSIS BASED TWITTER TWEETS CLASSIFICATION USING DATA EMBEDDED WITH LSTM TECHNIQUE	2023	Journal of Theoretical and Applied Information Technology	101	4		1264	1272	
Annapurna D.; Yaqubi E.; Anuradha P.; Radhika K.L.	Seismic response of RC framed irregular structures	2023	Materials Today: Proceedings	93			530	537	10.1016/j.matpr.2023.09.028
Raja K.V.; Sekhar K.M.; Reddy V.D.; Reddy A.R.; Rao K.V.	Transcriptional Activation of Glutamate Decarboxylase and F-Box DUF Protein-Encoding Genes Promote Enhanced Abiotic Stress Tolerance and Improved Agronomic Traits in Indica Rice	2023	Journal of Plant Growth Regulation	42	2		1222	1235	10.1007/s00344-022-10624-2
Singh Y.T.; Chettri B.; Kima L.; Renthlei Z.; Patra P.K.; Prasad M.; Sivakumar J.; Laref A.; Ghimire M.P.; Rai D.P.	Engineering of Hydrogenated (6,0) Single-Walled Carbon Nanotube under Applied Uniaxial Stress: A DFT-1/2 and Molecular Dynamics Study	2023	ACS Omega	8	7		6895	6907	10.1021/acsomega.2c07637
Sekhar P.R.; Sujatha B.	Feature Extraction and Independent Subset Generation Using Genetic Algorithm for Improved Classification	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2		503	512	

Vinod G.; Rajashekhar K.; Naik J.L.	Dysprosium doped $\text{Cu}_0.8\text{Cd}_0.2\text{Dy}_x\text{Fe}_2\text{-xO}_4$ nano ferrites: A combined impact of $\text{Dy}^{3+}$ on enhanced physical, optical, magnetic, and DC-electrical properties	2023	Ceramics International	49	2		2829	2851	10.1016/j.ceramint.2022.09.265
Priyadarshini T.S.; Hameed M.A.; Qadeer S.A.	NDeep Learning Heart Stroke Prediction Model Integration of MMAM with NB(MMAM-NB) and DT(MMAM-DT)	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine				373	380	10.1109/ICCCMLA58983.2023.10346833
Veeranki K.C.; Pochampally J.; Maraju R.C.; Thumma V.	Synthesis of Novel 4-(3-nitro-2H-chromen-2-yl)-1,3-diphenyl-1H-pyrazole analogues	2023	Research Journal of Chemistry and Environment	27	2		35	38	10.25303/2702rjce035038
Ali M.M.; Qaseem M.S.; Zeeshan M.; Quraishi A.A.; Rahman A.U.	Real-Time Crowd-Counting and Management in Sacred places using Computer Vision & ESP32 cameras	2023	2023 9th International Conference on Signal Processing and Communication				434	439	10.1109/ICSC60394.2023.10441236
Rao M.V.; Lokapavani; Ragoju R.; Paidipati K.K.; Chesneau C.	Impact of variable gravity on rotating convection in a porous layer with an internal heat source	2023	Mathematics in Engineering, Science and Aerospace	14	2		497	506	
Reddy G.U.	Some fixed point results in 2-normed spaces	2023	Nonlinear Studies	30	2		387	391	
Singh P.; Mangu B.; Saho S.	A New Dragonfly Optimized Fuzzy Logic-based MPPT Technique for Photovoltaic Systems	2023	International Journal of Electrical and Electronics Research	11	4	IJEER230738	1097	1102	10.37391/IJEER.110429
Mahboob S.; Rizwana	Extension of Surface Charge Density Studies of Metal Oxide Semiconductor (MOS) Structure to Polarization Studies of Metal Ferroelectric Metal (MFM) Structure in Bulk Form: Experimental and Simulation of Polarization Data	2023	Integrated Ferroelectrics	237	1		251	257	10.1080/10584587.2023.2239096



Vallakeerthi N.; Sanjeev A.; Suman D.; Ravinder Nath A.; Muralidhar Reddy P.	RP-HPLC Method Development, Validation Including Stability Indicating and Forced Degradation Studies for the Estimation of Pemetrexed in API and Pharmaceutical Dosage Form	2023	Journal of Physics: Conference Series	2603	1	12055			10.1088/1742-6596/2603/1/012055
Mahboob S.; Rizwana	Study of Al/a-Si:H/SiO <sub>2</sub> /n-Si/Al based bottom gate thin film transistor using RPCVD SiO <sub>2</sub> and PECVD a-Si:H thin films: probably needed focus for bio-sensing application	2023	Ferroelectrics	614	1		194	200	10.1080/00150193.2023.2227074
Omkar R.; Lalu M.; Phaneendra K.	Numerical solution of differential – difference equations having an interior layer using nonstandard finite differences; [I??i ?????? ??? ?????????????? ?????????? ??????????i ?????????? ???? ????i ?????????? ?????????? ?????????? ?????????? ?????????? ??????????]	2023	Bulletin of the Karaganda University. Mathematics Series	110	2		104	115	10.31489/2023M2/104-115
Thirupathi V.; Sagar K.	Robust Data Exchange and Redirecting Data Flow Mechanism in IoT Network Using MQTT Protocol	2023	Ad-Hoc and Sensor Wireless Networks	57	45293		59	89	10.32908/ahsw.n.v57.10395
Kuna K.; Baswa A.K.	Synthesis of 4-Amino-1,5-dimethyl-2-phenyl-1H-pyrazol-3(2H)one-[1,2,3]triazolebenzenesulphonamide Bioactive Hybrids as Novel Therapeutic Agents	2023	Asian Journal of Chemistry	35	8		1862	1868	10.14233/ajchem.2023.27920
Bharathi A.; Reddy G.R.S.	Frequency Reconfigurable MIMO Antenna for Laptop Applications	2023	2023 World Conference on Communication and Computing, WCONF 2023						10.1109/WCONF58270.2023.10235164
Ramavath A.K.; Kumar P.N.	Evaluation of Best Satellite-Receiver Geometry for Improved IRNSS/GPS Position Accuracy	2023	International Journal on Recent and Innovation Trends in Computing and	11			330	333	10.17762/ijritcc.v11i9s.7427
Krishnaveni G.; Bharathi A.	Gap waveguide Technology Based Transmission Lines at V Band and W Band	2023	2nd International Conference on Wireless, Antenna and Microwave						10.1109/WAMS57261.2023.10242996

Rakesh S.; Hegde N.P.	EDAMOD: Edge Detection and Moving Object Detection Algorithm to Control Traffic Lights Dynamically	2023	Cognitive Science and Technology	Part F1466			459	466	10.1007/978-981-99-2742-5_47
Bojja A.K.; Hemasri Y.; Thumma V.; Panga S.	Synthesis of Novel Chromene/[1,2,3]triazole Hybrid Derivatives: Cytotoxicity/Molecular Docking Studies	2023	Asian Journal of Chemistry	35	9		2256	2264	10.14233/ajchem.2023.28242
Purnachary M.; Adilakshmi T.	Fine-Tuned XLNet: A Transfer Learning Model for MOOCs Evaluation Using Forum Posts	2023	Cognitive Science and Technology	Part F1493			323	330	10.1007/978-981-99-2746-3_34
Reddy R.N.; Rao N.V.K.; Krishna D.R.; Ghosh J.	Design of Ultra-Miniaturized Wearable Antenna for Bio-Telemetry Applications	2023	Progress In Electromagnetics Research C	136			113	121	10.2528/PIERC23062603
Vaishnavi G.; Kumar B.P.; Susmitha P.; Bharathi A.	Design of Spiral Antenna	2023	2nd International Conference on Wireless, Antenna and Microwave						10.1109/WAMS57261.2023.10242874
Sriker A.; Yesuratna G.	Short Circuit Analysis in Unbalanced Radial Distribution System Considering Mutual Impedances	2023	Lecture Notes in Electrical Engineering	1057 LNEE			135	155	10.1007/978-981-99-3691-5_12
Sasi Kiran J.; Avaniya J.; Reddy A.R.; Naga Rama Devi G.; Charan N.S.; Fatima T.	Early Prediction of Sepsis Utilizing Machine Learning Models	2023	Smart Innovation, Systems and Technologies	370			319	327	10.1007/978-981-99-6702-5_27
Veera Mani Kumar D.K.; Maniratnam Naik B.; Nandigama S.V.; Kunooru B.; Ramakrishna D.	Design of Quasi Yagi Antenna with square resonator for Wireless Applications	2023	2nd International Conference on Wireless, Antenna and Microwave						10.1109/WAMS57261.2023.10242811

Vamshi Babu K.; Chanakya N.; Aravind S.; Upender G.	Structural, Thermal, Optical and DC Conductivity Studies of $30\text{TeO}_2\text{-}40\text{B}_2\text{O}_3\text{-(}30\text{-}x\text{)BaO-xNa}_2\text{O}$ ( $0 \leq x \leq 30$ mol%) Glass System	2023	Journal of Inorganic and Organometallic Polymers and Materials						10.1007/s10904-023-02914-3
Gayathri B.; Mudigonda M.	Review of Egg and Speech Processing Techniques for Glottal Activity Detection	2023	14th International Conference on Advances in Computing, Control and	2023-June			543	553	
Sathyanarayana M.; Goud T.R.	Numerical study of MHD Williamson-nano fluid flow past a vertical cone in the presence of suction/injection and convective boundary conditions	2023	Archives of Thermodynamics	44	2		115	138	10.24425/ather.2023.146561
Vijayatha M.; Vijayalaxmi B.; Sajeeda M.D.; Ravalı B.; Venkatesham K.; Kalpana M.; Padma B.; Padmasri A.H.	Visible and Solar Light Degradation of Ciprofloxacin and Norfloxacin using Titania Nanocomposite	2023	Asian Journal of Chemistry	35	9		2275	2284	10.14233/ajchem.2023.28239
Gurubrahmam K.; Rao T.R.; Chandra Sekhar Reddy M.	Sensitive analysis on added damping of shunted piezoceramic damping: cantilever and simply supported beam	2023	Journal of Vibroengineering	25	5		921	943	10.21595/jve.2022.22858
Prakash V.S.; Reddy S.N.; Chary A.S.	A Secure Communication System of Synchronized Chua's Circuits in LC Parallel Coupling	2023	Chaos Theory and Applications				167	177	10.51537/chaos.1316437
Miryala N.; Kiran A.S.; Jella S.	Customer's Dilemma: Lease or Buy?	2023	Asian Journal of Management Cases						10.1177/09728201231191578
Swathi R.; Reddy G.B.; Rajkumar B.; Ramakrishna D.; Swamy P.Y.	Jamun Seed-Derived Nitrogen-Doped Carbon Dots: A Novel Microwave-Assisted Synthesis for Ultra-Bright Fluorescence and $\text{Mn}^{7+}$ Detection	2023	Journal of Fluorescence						10.1007/s10895-023-03438-2

Ramana G.; Madhu G.; Rao Y.J.; Rao C.P.	Design, Synthesis of 5-(2-Methylbenzofuran)-2-aryl-2H-tetrazole Derivatives via Cross-Coupling of N-H Free Tetrazoles with Boronic Acids	2023	Asian Journal of Chemistry	35	8		2001	2006	10.14233/ajchem.2023.28074
Sowmya T.	Potential forensic applications of carbon nanodots	2023	Journal of Physics: Conference Series	2603	1	12057			10.1088/1742-6596/2603/1/012057
Priya V.V.; Bhemarajam J.; Ashok A.; Prasad M.	Influence of Li2O on physical, structural, thermal, optical and EPR properties of TeO2-MoO3-Li2O-V2O5 glass system	2023	Materials Today: Proceedings	92			1103	1112	10.1016/j.matpr.2023.05.139
Shankar Reddy G.R.; Bharathi A.	Successive Detection Logarithmic Amplifier for ECCM features of RADAR	2023	2023 3rd International Conference on Intelligent Technologies, CONIT 2023						10.1109/CONIT59222.2023.10205706
Sheoran S.; Arora S.; Velingkar A.; Pawar S.C.; Vuree S.	Empowering treatment strategies for pancreatic cancer by employing lipid nanoparticle-driven drug delivery	2023	Recent Advances in Nanocarriers for Pancreatic Cancer Therapy				239	266	10.1016/B978-0-443-19142-8.00016-4
Vislavath S.; Kumar M.P.; Balraj G.; Babu M.S.; Ayodhya D.	Synthesis of Schiff base stabilized AuNPs for enhanced catalytic degradation of pesticides, Cr(VI) detection, antioxidant, and antimicrobial activities	2023	Materials Today: Proceedings	92			1250	1255	10.1016/j.matpr.2023.05.348
Aelgani V.; Vadlakonda D.	Explainable Artificial Intelligence based Ensemble Machine Learning for Ovarian Cancer Stratification using Electronic Health Records	2023	International Journal on Recent and Innovation Trends in Computing and Simulation	11	7		78	84	10.17762/ijritcc.v11i7.7832
Bheemudu C.; Goud T.R.; Ragoju R.; Paidipati K.K.; Chesneau C.	Nonlinear magnetoconvection of a Maxwell fluid in a porous layer with chemical reaction	2023	International Journal of Modelling and Simulation						10.1080/02286203.2023.2266792

Chivukula S.; Malkhed V.	The Role of CDK20 Protein in Carcinogenesis	2023	Current Drug Targets	24	10		790	796	10.2174/1389450124666230719102112
Dhasharatha G.; Khan M.H.; Mangu B.	Novel Nine-Level Dual Boost Capacitor based Inverter with Single DC Source	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference						10.1109/RESEM57584.2023.10236399
Panth P.	Environmental health	2023	Dictionary of Ecological Economics: Terms for the New Millennium				200		10.4337/9781788974912.E.122
Reddy G.U.	Eccentric connectivity index and connective eccentric index of graphs	2023	Nonlinear Studies	30	2		493	498	
Pandiyan A.; Lari S.; Vanka J.; Kumar B.S.; Ghosh S.; Jee B.; Jonnalagadda P.R.	Genetic Polymorphism in Xenobiotic Metabolising Genes and Increased Oxidative Stress among Pesticides Exposed Agricultural Workers Diagnosed with Cancers	2023	Asian Pacific Journal of Cancer Prevention	24	11		3795	3804	10.31557/APJCP.2023.24.11.3795
Sydhulu R.; Hemasri Y.; Rao Y.J.	Synthesis of novel oxa-carbocycle annulated flavones and bis-flavones by ring closing/cross metathesis	2023	Arkivoc	2023	7	202312034			10.24820/ark.5550190.p012.034
Natarajan S.; Rameshbabu V.; Ariharasudhan S.; Hayavadana J.; Rajpurohit T.; Prakash C.	Antimicrobial properties of Acanthus ilicifolius and determination of phytochemical composition	2023	Biomass Conversion and Biorefinery						10.1007/s13399-023-04723-7
Bhimagavni N.K.; Adilakshmi T.	Structure Learning of Bayesian Network from the Data	2023	Cognitive Science and Technology	Part F1466			329	335	10.1007/978-981-99-2742-5_35

Akkiraju A.G.; Atcha K.R.; Sagurthi S.R.	Cloning, Purification, and Biophysical Characterization of FemB Protein from Methicillin-Resistant Staphylococcus aureus and Inhibitors Screening	2023	Applied Biochemistry and Biotechnology						10.1007/s12010-023-04780-8
Solleti R.; Bhaskar N.; Ramana Murthy M.V.	AMQP Protocol-Based Multilevel Security for M-commerce Transactions	2023	Lecture Notes in Networks and Systems	673 LNNS			765	779	10.1007/978-981-99-1745-7_56
Panth P.	Inflation	2023	Dictionary of Ecological Economics: Terms for the New Millennium				294		10.4337/9781788974912.1.29
Gopal A.; Reddy D.K.; Chintagunta S.	Symbol interferometry and companding transform for PAPR reduction of OTFS signal	2023	ETRI Journal						10.4218/etrij.2023-0142
Durgam M.K.; Bodiga V.L.; Vemuri P.K.; Bodiga S.	Isoscutellarein from Bixa orellana Leaves Uncompetitively Inhibits Recombinant Human Aldose Reductase and Prevents Sorbitol Accumulation and Lens Opacity	2023	Current Enzyme Inhibition	19	3		179	187	10.2174/1573408019666230517142826
Rajesham S.; Kumar J.S.	Physical and optical properties of MoO3 doped B2O3-CdO-Al2O3-CaF2 glasses	2023	Materials Today: Proceedings	92			1587	1590	10.1016/j.matpr.2023.06.062
Kumar Silivery A.; Mohan Rao K.R.; Solleti R.	An Advanced Intrusion Detection Algorithm for Network Traffic Using Convolution Neural Network	2023	2023 5th International Conference on Electrical, Computer and Communication						10.1109/ICECCT56650.2023.10179767
Pallavi M.; Kumar L.; Baggi T.R.	ANALYTICAL METHODS FOR TRAMADOL IN PHARMACEUTICAL AND FORENSIC CONTEXT – A REVIEW	2023	International Journal of Medical Toxicology and Legal Medicine	26	45293		122	147	10.5958/0974-4614.2023.0002.2.0

Sumanraju V.; Rao T.R.; Sanke N.	Optimization of process parameters for enhancing overall efficiency: experimental analysis and regression modelling	2023	International Journal on Interactive Design and Manufacturing						10.1007/s12008-023-01626-9
Supriya M.; Adilakshmi T.	Secure Node Energetic Routing Method for Cracked Paths Identification in WSN	2023	Cognitive Science and Technology	Part F1493			69	77	10.1007/978-981-99-2746-3_8
Joshi J.; Mudigonda M.; Morusupalli R.	An Efficient Tournament Based Levy Flight Multiverse Optimization for Feature Selection Using Optical Coherence Tomography	2023	International Journal of Intelligent Engineering and Systems	16	6		298	311	10.22266/ijies2023.1231.25
Reddy B.S.; Vijayabalaji S.; Thillaigovindan N.; Balaji P.	A Vague Rough Set Approach for Failure Mode and Effect Analysis in Medical Accident	2023	International Journal of Analysis and Applications	21		134			10.28924/2291-8639-21-2023-134
Ali M.M.; Bharathi A.	Design of Log Periodic Dielectric Resonator Antenna	2023	2nd International Conference on Wireless, Antenna and Microwave						10.1109/WAMS57261.2023.10242843
Kandukuri V.; Manda K.; Aytam H.P.; Vasam C.	Generation of Pure H <sub>2</sub> through CH <sub>4</sub> Cracking Over Ni Supported on ZrO <sub>2</sub> Modified Al <sub>2</sub> O <sub>3</sub> Catalyst	2023	Asian Journal of Chemistry	35	10		2481	2486	10.14233/ajchem.2023.28283
Shravan C.; Fatima K.; Sekhar P.C.	Design and Develop Efficient Arbitration Techniqu to Handle the Multiple Refresh Requests in MultiProcessor SoC	2023	International Journal on Recent and Innovation Trends in Computing and	11			341	350	10.17762/ijritcc.v11i8s.7214
Narsetty S.; Thomala S.; Perumalla N.K.	Preliminary performance analysis of BeiDou-2/GPS navigation systems over the low latitude region	2023	Journal of Applied Geodesy						10.1515/jag-2023-0052

Maskar E.; Fakhim Lamrani A.; Belaiche M.; Es-Semyhy M.; Khuili M.; Prasad M.; Sivakumar J.; Laref A.; Rai D.P.	A first-principles study of mechanical, thermodynamics, optical, and thermoelectric characteristics of hexagonal CsGeX <sub>3</sub> ( X = Cl, Br, I) Perovskites	2023	International Journal of Modern Physics B			2450395			10.1142/S0217979224503958
Narsimha B.; Sekhar K.C.; Shareefuddin M.; Gokarakonda R.	Copper doped strontium Indium-borate glasses: FTIR, Raman, EPR, optical and structural studies	2023	Materials Today: Proceedings	92			1154	1161	10.1016/j.matpr.2023.05.185
Suneetha G.; Ayodhya D.; Srikanth K.; Manjari P.S.	Fabrication of CuNPs Using Schiff Base Ligand and Their Catalytic Reduction of Pharmaceutical Drugs, Fluorescence Selective Detection of Cd <sup>2+</sup> , Antimicrobial, and Antioxidant Activities	2023	Journal of Fluorescence						10.1007/s10895-023-03342-9
Mahboob S.; Rizwana	Simulation of XRD data of Ba(NdxTi(1-2x)Nbx)O <sub>3</sub> ceramics with cubic crystal structure and (Na <sub>0.5</sub> Bi <sub>0.5</sub> )(NdyTi(1-2y)Nby)O <sub>3</sub> ceramics with rhombohedral crystal structure by modified Arrhenius and Lorentz equations	2023	Ferroelectrics	615	1		319	329	10.1080/00150193.2023.2262649
Pakala R.; Dasari R.	Mutual Coupling Reduction in UWB-MIMO Antenna Using Circular Slot EBG Structures	2023	Progress In Electromagnetics Research M	119			177	188	10.2528/PIERM23080504
Badineni M.; Malkhed V.; Rumandla L.; Malikanti R.; Vadija R.; Mustyala K.K.	Structure Elucidation and Identification of Novel Lead Molecules against Sulfur Import Protein cysA of Mycobacterium tuberculosis	2023	Current Protein and Peptide Science	24	7		589	609	10.2174/1389203724666230713124339
Renuka S.; Narender G.; Govardhan K.	The effect of a slip wall on radiate magnetohydrodynamic Casson nanofluid past a stretching surface with viscous dissipation: Numerical approach	2023	Numerical Heat Transfer, Part B: Fundamentals						10.1080/10407790.2023.2274447
Sravanthi N.; Revanth B.; Bhargavi M.; Rajender P.S.	Synthesis, Characterization, Molecular Docking and Biological Evaluation of 1,4-Bis(aryl-1H-1,2,3-triazole-4yl)methoxy)benzaldehyde Derivatives as Potential Anticancer Agents	2023	Asian Journal of Chemistry	35	10		2554	2560	10.14233/ajchem.2023.28160



Prasad B.; Ramachandram S.	Detection of Ethereum Smart Contracts Vulnerabilities Over Blockchain	2023	International Conference on Electrical, Computer, Communications and						10.1109/ICECC ME57830.2023.10253121
Jathoth R.; Gugulothu K.; Valappil R.M.; Nelson N.; Kumar K.S.	Ruthenium(II)-Catalyzed Selective C-H Bond Activation of Biindoles and Coupling with Sulfoxonium: An Efficient Access to Pyrido[1,2-a:4,3-b?]diindole frameworks	2023	Synlett	35	7		811	815	10.1055/a-2179-6438
Yelugudari B.; Mesram N.; Karnati P.R.	9-Hexadecenoic Acid Rich HPLC Fraction of Pithecellobium dulce Methanolic Seed Extract Exhibits Potential Anti-inflammatory Activity by Inhibiting IL-8, IL-6, and PGE2: Phytochemical Characterization, in-vitro and in-vivo Evaluation	2023	Journal of Research in Pharmacy	27	5		1733	1750	10.29228/jrp.458
Rajeshwari P.; Shyamala K.	Deep Learning based Super-Resolution for Accurate COVID-19 diagnosis in Chest CT Images	2023	International Conference on Smart Systems for Applications in Electrical Sciences ICSSSES						10.1109/ICSSSES58299.2023.10200155
Shilpa K.; Adilakshmi T.	An Enhanced Machine Learning Technique to Predict Heart Disease	2023	Cognitive Science and Technology	Part F1466			177	183	10.1007/978-981-99-2742-5_19
Mallampati D.; Hegde N.P.	Image Spam detection in E-mails using Grasshoppers optimization technique	2023	2023 International Conference on Computer, Electronics and Electrical						10.1109/IC2E357697.2023.10262507
Bharathi A.; Shnakar Reddy G.R.	2D Metamaterials for Blinds and Polarization Conversion Applications	2023	2023 3rd International Conference on Intelligent Technologies, CONIT 2023						10.1109/CONIT59222.2023.10205532
Phani P.R.C.; Prasad K.R.	Groundwater Contamination in Parts of Northwestern Hyderabad: A Hydrogeochemical and Geospatial Approach	2023	Impacts of Urbanization on Hydrological Systems in India				293	312	10.1007/978-3-031-21618-3_15

Sreekanth D.; Pawar D.V.; Kumar R.; Ratnakumar P.; Sondhia S.; Singh P.K.; Mishra J.S.; Chander S.; Mukkamula N.; Kiran Kumar B.	Biochemical and physiological responses of rice as influenced by <i>Alternanthera paronychioides</i> and <i>Echinochloa colona</i> under drought stress	2023	Plant Growth Regulation						10.1007/s10725-023-01089-8
Abdul Hameed M.; Rahman M.S.U.; Banu A.	Black Fungus Prediction in Covid Contrived Patients Using Deep Learning	2023	Intelligent Systems Reference Library	231			309	321	10.1007/978-3-031-12419-8_16
Srinivas Naik N.; Kavitha A.; Devi L.N.; Reddy B.V.	DAGE: A Deviation Assessment-Based Grey-Hole Detection Method for Ad Hoc Wireless Networks	2023	Lecture Notes in Networks and Systems	641 LNNS			163	171	10.1007/978-981-99-0483-9_15
Dhanalaxmi B.; Balchander V.; Sumalatha V.; Ayodhya D.; Reddy G.P.	Hydrothermal Fabrication of Efficient Binary Pd/Ag <sub>2</sub> S Heterojunction Composites: Synthesis, Characterization, and Fluorometric Selective Sensing of Organophosphate Pesticides	2023	Journal of Fluorescence						10.1007/s10895-023-03405-x
Venugopal R.; Sudhakar K.; Narsimlu N.; Srinivas C.H.	Structural, Optical, Electrical and Discharge Characteristics of PVA-ZnS Nanocomposite Polymer Electrolyte?Zn <sup>2+</sup> Ion Conduction for Solid State Battery Applications	2023	Asian Journal of Chemistry	35	7		1707	1713	10.14233/ajchem.2023.27952
Srinivasulu K.	Discourses on Nationalism and Question of Secular State	2023	Secularism Under Siege: Revisiting the Indian Secular State				194	204	10.4324/9781032667348-6
Reddy P.V.V.	Novel Delivery Model with the Combination of Iterative and Sequential Models	2023	Lecture Notes in Networks and Systems	814 LNNS			501	509	10.1007/978-3-031-47451-4_35
Kamireddy K.R.; Gogula S.S.; Banoji V.; Rao S.; Gorre B.	An efficient total synthesis of vilanterol: an inhaled drug	2023	Arkivoc	2023	6	202211957			10.24820/ark.5550190.p011.957

Surender D.; Reddy Adama V.; Khan T.; Talukdar F.A.; Rama Krishna D.; Amarnath G.	Dual-Facet Loaded Dual-Polarized Quad-band Dielectric Resonator-Rectenna for RF Energy Harvesting in Smart City Applications	2023	2nd International Conference on Wireless, Antenna and Microwave						10.1109/WAMS57261.2023.10242897
Sinha P.; Kumar T D.; Sk H.; Solanki M.; Gokulan C.G.; Das A.; Miriyala A.; Gonuguntala R.; Elumalai P.; Kousik M.B.V.N.; Masthani S.K.; Kumboju C.; Arra Y.; Laha G.S.; Chirravuri N.N.; Patel H.K.; Ghazi I.A.; Kim S.-R.; Jena K.K.; Hanumanth S.R.; Oliva R.; Mangrauthia S.K.; Sundaram P.M.	Fine mapping and sequence analysis reveal a promising candidate gene encoding a novel NB-ARC domain derived from wild rice ( <i>Oryza officinalis</i> ) that confers bacterial blight resistance	2023	Frontiers in Plant Science	14		1173063			10.3389/fpls.2023.1173063
Lavudi H.N.; Jakinala P.; J S.K.; Babu B N.; Srinivas M.; Katika M.R.	Plant growth promoting rhizobacteria (PGPR): an overview for sustainable agriculture and development	2023	Rhizobiome: Ecology, Management and Application				95	125	10.1016/B978-0-443-16030-1.00017-1
Lari S.; Vanka J.; Jee B.; Pandiyan A.; Yamagani P.; Kumar S.B.; Naidu M.; Jonnalagadda P.	Mitigation of pesticide residue levels in the exposed dermal regions of occupationally exposed farmworkers by use of personal protective equipment	2023	Frontiers in Public Health	11		1232149			10.3389/fpubh.2023.1232149
Bharathi A.; Reddy G.R.S.	Microstrip Patch Antenna For Full Duplex Communication	2023	2nd International Conference on Wireless, Antenna and Microwave						10.1109/WAMS57261.2023.10242825
Undeti E.; Chakravarthy M.	The Control of Three-Phase Squirrel Cage Induction Motor by Field Acceleration Method (FAM) for E-Mobility	2023	International Journal of Electrical and Electronics Research	11	4	IJEER 2609-17	1120	1127	10.37391/IJEER.110432
Swapna K.B.; Sunder M.S.; Ramakrishna D.	Metasurface Based Circularly Polarized Antenna for WI-FI Applications	2023	Progress In Electromagnetics Research C	138			219	231	10.2528/PIERC23091001
Sangiseti B.R.; Pabboju S.	Deep fit_predic: a novel integrated pyramid dilation EfficientNet-B3 scheme for fitness prediction system	2023	Computer Methods in Biomechanics and Biomedical Engineering						10.1080/10255842.2023.2269287

Soujanya G.; Kavyasree P.R.; Reddy B.S.	Cubic Pythagorean Hesitant Fuzzy Linear Spaces and Its Relevance in Multi Criteria Decision Making	2023	International Journal of Analysis and Applications	21		128			10.28924/2291-8639-21-2023-128
Gazal U.	Investigation of thermal stability of ionic liquids through thermo gravimetric analysis	2023	Ionic Liquids and their Application in Green Chemistry				245	265	10.1016/B978-0-323-95931-5.00021-X
Bokir A.; Narasimha V.B.	Variable item value-based high utility itemset recommendation using statistical approach	2023	International Journal of Business Intelligence and Data Mining	23	2		101	124	10.1504/IJBIDM.2023.132585
Mudrakola S.; Hegde N.	TNM Breast Cancer Staging and Survival Rate Analysis	2023	Cognitive Science and Technology	Part F1493			445	455	10.1007/978-981-99-2746-3_45
Nandigama S.V.; Bharath K.; Dasari R.K.	A MIMO PIFA Loaded with CSRR-SRR Quadruplets for WLAN, ISM Band, and S-/C-Band Wireless Applications	2023	Progress In Electromagnetics Research B	101			137	154	10.2528/PIERB23050508
Dhasharatha G.; Mangu B.; Khan M.H.	A Capacitor-Based Boost Nine-Level Inverter with Less Switching Device Count	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference						10.1109/RESEM57584.2023.10236133
Bharathi A.; Reddy G.R.S.	Dual band Slot Antenna for mm Wave Wireless Communication	2023	2023 World Conference on Communication and Computing, WCONF 2023						10.1109/WCONF58270.2023.10235058
Kothula D.; Thumma V.; Dhanavath R.; Puchakayala M.R.; Atcha K.R.	Facile Synthesis of Substituted 2-Styrylnaphthyridine and its Derivatives via sp <sup>3</sup> C-H Functionalization under Mild Conditions and their Antimicrobial Activity	2023	Asian Journal of Chemistry	35	10		2527	2536	10.14233/ajchem.2023.29067

Periketi S.; Kulkarni R.; Dulhare U.N.	LSTM and Prophet Model Fusion Framework for Bitcoin Candlestick Visualization and Price Prediction Forecasting	2023	Proceedings of the 17th INDIACOM; 2023 10th International Conference on				1190	1194	
Sangiseti B.R.; Pabboju S.	Deep Learning for Personal Activity Recognition Under More Complex and Different Placement Positions of Smart Phone	2023	International Journal of Advanced Computer Science and Applications	14	6		352	352	10.14569/IJACS A.2023.0140639
Pamu Y.; SVSNDL P.	An experimental analysis for clay bricks manufacturing with partial replacement of glass wool	2023	Australian Journal of Structural Engineering	24	4		294	309	10.1080/13287982.2023.2197320
Sree Lakshmi G.; Sreeshobha E.; Naveen Kumar S.	Comparison of Multilevel Inverters with T-type Inverter	2023	Przeglad Elektrotechniczny	2023	6		14	18	10.15199/48.2023.06.03
Krishnareddy M.C.; Veni G.K.; Satyanarayana C.	RESIDUAL ERROR BASED ADAPTIVE METHOD WITH AN OPTIMAL VARIABLE SCALING PARAMETER FOR RBF INTERPOLATION	2023	International Journal of Applied Mechanics and Engineering	28	1		37	46	10.59441/ijame-2023-0004
Krishna B.; Ravinder C.; Nayak R.; Parvez F.	Hybrid Recommendation System with Enhanced Generalized Sequential Pattern Algorithm for ELearning System	2023	2022 OPJU International Technology Conference on Emerging Technologies for						10.1109/OTCON56053.2023.10114040
Malkuchi R.; Peri P.; Kamle U.	Image and Video D'encryption using Gray Pattern based algorithm	2023	Proceedings of the 10th International Conference on Signal Processing and				415	420	10.1109/SPIN57001.2023.10116933
Sharath Babu M.; Padmaja N.; Bhagavanth Reddy G.; Srivani A.; Ayodhya D.	An efficient heterogeneous copper oxide nanocatalyst for N-alkylation of amines with carbonyl compounds under H2 atmosphere	2023	Results in Chemistry	5		100947			10.1016/j.rechem.2023.100947

Nitnavare R.; Bhattacharya J.; Ghosh S.	Bacterial Biofilters for Arsenic Removal	2023	Bio-Nano Filtration in Industrial Effluent Treatment: Advanced and				123	136	10.1201/9781003165149-8
Mamatha S.; Mallesham G.	Hybrid AC/DC Microgrid Control and Management of Power Using Bidirectional AC/DC Converter by Autonomous Control Mode	2023	Lecture Notes in Electrical Engineering	979			277	289	10.1007/978-981-19-7993-4_23
Najeeb N.; Murukan A.B.; Renjitha A.; Jayaram M.; Jabbar A.A.; Haridasan H.; Prijikummar A.; Baiju S.; Nixon A.A.; Krishnan P.A.; Rodriguez S.; Kumar S.; Polipalli S.K.; Singh K.K.; Nair B.G.; Ghate S.D.; Rao R.S.P.; Kishor P.B.K.; Aloor A.; Suravajhala R.; Chaubey G.; Suravajhala R.	Inferring Recombination Events in SARS-CoV-2 Variants In Silico	2023	Advances in Experimental Medicine and Biology	1412			253	270	10.1007/978-3-031-28012-2_14
Garimella R.C.; Madeti S.R.K.; Neetoori R.; Gandreti P.; Kumar K.	IoT based sensor operated automatic potition (SOAP) dispenser	2023	Recent Advancement of IoT Devices in Pollution Control and Health				185	202	10.1016/B978-0-323-95876-9.00001-X
Jatoth R.; Mangu B.	Grid-Tied Solar Power Sharing with V2G and G2V Power Exchange with Dual Bridge Integrated Electrical Vehicle	2023	International Journal of Electrical and Electronics Research	11	1		12	201	10.37391/ijeer.110127
Kumari K.N.P.; Babu S.N.	Synthesis and structural studies of lead-free (Na <sub>0.5</sub> Bi <sub>0.5</sub> ) <sub>0.92</sub> Ba <sub>0.08</sub> TiO <sub>3</sub> - Co <sub>0.6</sub> Zn <sub>0.4</sub> Fe <sub>1.7</sub> Mn <sub>0.3</sub> O <sub>4</sub> magnetoelectric composites	2023	Materials Today: Proceedings	92			758	763	10.1016/j.matpr.2023.04.301
Babu P.R.; Ramakrishna D.; Ensermu G.	Triple Band-Notch UWB Antenna Embedded with Slot and EBG Structures	2023	Wireless Communications and Mobile Computing	2023		3461751			10.1155/2023/3461751
Sarvani R.K.; Mohinoddin M.; Siva Ramakrishna L.	Experimental analysis of Al composites toughened by aluminium oxide and graphite using stir casting progression	2023	Materials Today: Proceedings	92			1162	1166	10.1016/j.matpr.2023.05.221

Kotte S.; Durga G.K.	Design of Improved Content Addressable Memory Using QCA Technology	2023	2023 11th International Symposium on Electronic Systems Devices and Computing						10.1109/ESDC56251.2023.10149853
Naaz M.; Fatima K.; Naik B.R.; Sayeed S.A.A.; Ahmed S.S.; Ashher M.S.	Design of DC-DC Boost Converter Using PFM Switching Technique	2023	Proceedings of 5th International Conference on 2023 Devices for Integrated				368	371	10.1109/DevIC57758.2023.10134869
Mahboob S.; Rizwana	Study of temperature and frequency dependant dielectric, impedance, AC resistivity, modulus spectroscopy and electromechanical coupling properties of $[BaNd_{0.1}Ti_{0.8}Nb_{0.1}O_3](1-x)[Na_{0.5}Bi_{0.5}TiO_3]_x$ relaxor ferroelectric ceramics	2023	Ferroelectrics	613	1		104	113	10.1080/00150193.2023.2215503
Narayana P.; Paravataneni P.; Rekha G.	An Efficient Optimizing Energy Consumption Using Modified Bee Colony Optimization in Fog and IoT Networks	2023	Big Data Analytics in Fog-Enabled IoT Networks: Towards a Privacy and				197	211	10.1201/9781003264545-9
Markandey K.	Changing Demographic Contours of Hyderabad City	2023	Geoinformatics for Sustainable Urban Development				211	228	10.1201/9781003331001-13
Reddy V N.V.L.S.; Raju M.G.; Niharika M.; Pratyusha B.; Thorat M.; Tare H.	Pharmacological Evaluation of Alcoholic Extract of Clitoria ternatea Root for Anxiolytic and Anticonvulsant Activity	2023	International Journal of Drug Delivery Technology	13	1		228	235	10.25258/ijddt.13.1.36
Kune R.; Naik S.H.S.; Nisar K.S.	Analysis of Williamson nanofluid MHD over a nonlinear stretchable sheet by velocity slip and newtonian heating	2023	International Journal of Modern Physics B			2450207			10.1142/S0217979224502072
Swapna V.; Bethu S.; Lakshmi G.V.; Kumar K.S.; Haragopal V.V.	Statistical Analysis of the Monthly Costs of OPEC Crude Oil Using Machine Learning Models	2023	Lecture Notes in Computer Science (including subseries Lecture Notes in	14078 LNAI			714	722	10.1007/978-3-031-36402-0_66

Akkanapalli U.; Mudigonda M.; Samavedam S.S.; Koppadi M.	Algorithm for Extraction of Time-Domain and Linear Features of FHRV	2023	Lecture Notes in Mechanical Engineering				581	589	10.1007/978-981-19-9285-8_55
Sheoran S.; Arora S.; Singh H.; Kumar A.; Vuree S.; Vancha H.; Pawar S.C.	Characterisation, development and validation of UV Spectrophotometric technique for determining Diosmetin in bulk and nanoformulations	2023	Results in Chemistry	5		100972			10.1016/j.rechem.2023.100972
Sandhya K.; Reddy G.B.; Ayodhya D.; Noorjahan M.; Mangatayaru K.G.	Microwave-assisted green synthesis of Palladium nanoparticles using aqueous decoction of Psidium guajava leaf extract and kinetic analysis in the reduction of 4-Nitrophenol	2023	Materials Today: Proceedings	92			742	749	10.1016/j.matpr.2023.04.295
Pawar V.J.; Premchand P.	Modified convolutional neural network for lung cancer detection: Improved cat swarm-based optimal training	2023	Web Intelligence	21	1		37	59	10.3233/WEB-221801
Osman M.; Fatima K.; Kumar P.N.	Compound Metric Assisted Trust Aware Routing for Internet of Things through Firefly Algorithm	2023	International Journal of Intelligent Engineering and Systems	16	3		280	291	10.22266/ijies2023.0630.22
Bhogi A.; Srinivas B.; Shareefuddin M.; Kistaiah P.	Band gap determination by Tauc's, ASF and DASF methods of alkaline earth modified lithium borate glasses co-doped with transition metal ions	2023	Materials Today: Proceedings	92			727	731	10.1016/j.matpr.2023.04.243
Gosala B.; Gosala E.R.; Gupta M.	A Deep Learning Based Model to Study the Influence of Different Brain Wave Frequencies for the Disorder of Depression	2023	Lecture Notes in Computer Science (including subseries Lecture Notes in	14078 LNAI			449	458	10.1007/978-3-031-36402-0_42
Vanukuru N.V.L.S.R.; Mudunuri G.R.; Bhimasani P.; Malipatel N.; Thorat M.; Tare H.	Pre-clinical Evaluation and In-silico Docking of Coriandrum sativum on Stress and Cognitive Deficits in Rodents	2023	International Journal of Pharmaceutical Quality Assurance	14	1		36	44	10.25258/ijpqa.14.1.08



Gurrala S.; Shivaraj; Anumolu P.D.; Haripriya D.; Subrahmanyam C.V.S.	Chromatographic study of sitagliptin and ertugliflozin under quality-by-design paradigm	2023	Brazilian Journal of Pharmaceutical Sciences	59		e21328			10.1590/s2175-97902023e21328
Pawar V.J.; Premchand P.; Shyamala K.	Intensifying Lung Cancer Classification Model Using Hybrid-Layer Convolutional Neural Network with Enhanced-CSO Weight Optimization Algorithm	2023	International Journal of Computing and Digital Systems	13	1		805	816	10.12785/ijcds/130164
Santoshi Kumari A.; Ayodhya D.; Pradeep Kumar D.; Maragoni V.	Xanthan gum mediated monowave synthesis of silver nanoparticles: Characterization, anticancer, antimicrobial, antioxidant and catalytic studies	2023	Results in Chemistry	5		100930			10.1016/j.rechem.2023.100930
Sujatha K.; Bhavani N.P.G.; Victo Sudha George G.; Kirubakaran D.; Sujitha M.; Srividhya V.	Identification of Nutrients and Microbial Contamination in Fruits and Vegetables - Technology Using Internet of Behavior	2023	Internet of Behavior (IoB)				157	170	10.1201/9781003305170-10
Chowhan L.B.; Mir M.I.; Sabra M.A.; El-Habbab A.A.; Kumar B.K.	Plant growth promoting and antagonistic traits of bacteria isolated from forest soil samples	2023	Iranian Journal of Microbiology	15	2		278	289	10.18502/ijm.v15i2.12480
Samad M.A.; Padmavathi R.	Haematopoietic and immunomodulatory activity of sap of Borassus flabellifer against cyclophosphamide mediated haematotoxicity and immunosuppression in Wistar rats	2023	Indian Journal of Traditional Knowledge	22	1		140	149	10.56042/ijtk.v22i1.45762
Devalapally S.; Desireddy K.R.; Perumalla N.K.	Integrity monitoring of NavIC by parsing broadcast ephemeris	2023	Journal of Applied Geodesy						10.1515/jag-2023-0026
Sayeedunnisa S.F.; Saberi K.H.; Mohiuddin M.A.	Augmented GPS Navigation: Enhancing the Reliability of Location-Based Services	2023	2023 International Conference on Advancement in Computation and Computer				565	569	10.1109/InCACC T57535.2023.10141739

Venkatanand ram A.; Methari B.	A Novel Approach Toward Detection of Glaucoma Using Machine Learning Techniques	2023	Lecture Notes in Electrical Engineering	1007 LNEE			295	302	10.1007/978-981-99-0189-0_21
Endurthi A.; Khare A.	Smart Contracts Resilient against Malicious Attacks in Permission-less Blockchain	2023	Proceedings of the 17th INDIACom; 2023 10th International Conference on				1201	1206	
Himabindu I.B.N.; Reddy S.V.; Haragopal V.V.; Sarojamma B.	Textual Analytics on 'Azadi Ka Amrit Mahotsav': Exploring Indian citizens' ideas for achieving Aatmanirbhar Bharat	2023	2023 3rd International Conference on Advances in Electrical, Computing						10.1109/ICAECT57570.2023.10118308
Jahangir M.Z.; Paidimarry C.S.	Design of a Novel Charge Pump based Current Starved Ring Oscillator with Reduced Phase Noise	2023	2023 International Conference for Advancement in Technology, ICONAT 2023						10.1109/ICONAT57137.2023.10080315
Lonavath S.N.; Boda H.	Characterization and optimization of weld properties due to the effect of different pin profiles for AA8011 – based friction stir welding	2023	World Journal of Engineering						10.1108/WJE-01-2023-0029
Sultana N.; Gupta N.	Supportive Policy Intervention in Incubating Innovative Enterprises for the Creation of a Self-Reliant Economy	2023	FIIB Business Review						10.1177/23197145231162247
Ramana S.; Bhaskar N.; Murthy M.V.R.; Sharma M.R.	Machine Learning for a Payment Security Evaluation System for Mobile Networks	2023	Lecture Notes on Data Engineering and Communications Technologies	171			347	356	10.1007/978-981-99-1767-9_26
Bapat V.A.; Kavi Kishor P.B.; Penna S.	Editorial: Heterologous production of high value metabolites in plants and microbes	2023	Frontiers in Plant Science	14		1223033			10.3389/fpls.2023.1223033

Aitha S.; Thumma V.; Matta R.; Ambala S.; Jyothi K.; Manda S.; Pochampally J.	Antioxidant activity of novel 4H- chromene tethered 1,2,3-Triazole Analogues: Synthesis and molecular docking studies	2023	Results in Chemistry	5		100987			10.1016/j.rechem.2023.100987
Zhu C.; Prasad M.; Javeed Siddique M.; Ahsan M.; Margabandu S.; Al-Bahrani M.; Mohammed Saeed A.; Selvaraj R.; Sivakumar J.; Yvaz A.	Buckling and dynamic behavior of uniform and tapered woven carbon/jute fiber reinforced polyester hybrid composite beams	2023	Mechanics of Advanced Materials and Structures						10.1080/15376494.2023.2215837
Lingamaiah D.; Krishna Reddy D.; Kumar P.N.	Evaluative Aspects of Wireless Sensor Networks Reliability Model: A Case Study	2023	Lecture Notes on Data Engineering and Communications Technologies	171			105	118	10.1007/978-981-99-1767-9_8
Devanapalli S.; Phaneendra K.	Security analysis of Three-Factor Authentication Protocol Based on Extended Chaotic-Maps	2023	2022 OPJU International Technology Conference on Emerging Technologies for						10.1109/OTCON56053.2023.10113994
Shravani M.; Reddy D.S.; Reddy B.K.	On Some Properties of a New PoisN Wavelet Family	2023	Lecture Notes in Computer Science (including subseries Lecture Notes in	14078 LNAI			79	90	10.1007/978-3-031-36402-0_7
Chaudhary J.K.; Sharma H.; Tadiboina S.N.; Singh R.; Khan M.S.; Garg A.	Applications of Machine Learning in Viral Disease Diagnosis	2023	Proceedings of the 17th INDIACom; 2023 10th International Conference on				1167	1172	
Dinesh T.; Manjula M.	A Fractional Order Tilt Integral Controller Based Load Frequency Control with Dispersed Generation and Electric Vehicle	2023	International Journal of Electrical and Electronics Research	11	2	IJEER 1004-05	401	411	10.37391/IJEER.110221
Abdul Raheem M.; Sabir Hussain M.; Ahmed S.A.	Machine Learning based Crop Recommendation on a Cloud	2023	2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023						10.1109/I2CT57861.2023.10126185

Ramadevi K.; Ashok D.; Patnaik K.S.K.R.; Pasha M.A.; Bathula R.	Synthesis, Molecular Docking and In-silico Admet Screening of New Benzothiazole-Linked Pyrazole Prototype Derivatives: Validation of Resistant Strains and their Biological Activity	2023	Current Bioactive Compounds	19	6	e180822207633	29	48	10.2174/1573407218666220818112448
Ambala A.K.; Kumar D.R.; Ahmad S.I.; Anuradha K.; Lincoln Ch.A.	Optical, luminescence and photocatalytic activity of Sr based Mg, Ce nano ferrites synthesized by citrate gel auto combustion method	2023	Materials Today: Proceedings	92			801	806	10.1016/j.matpr.2023.04.346
Srinivas B.; Bhogi A.; Ramesh J.; Surendra T.V.; Ahammed S.; Lalitha Phani A.V.; Hameed A.; Shareefuddin M.	Effect of BaO/TeO <sub>2</sub> oxide ratio in TiO <sub>2</sub> .B <sub>2</sub> O <sub>3</sub> .Fe <sub>2</sub> O <sub>3</sub> glasses: Physical, thermal and optical absorption studies	2023	Materials Today: Proceedings	92			598	602	10.1016/j.matpr.2023.04.008
Doostyar N.M.; Sujatha B.	Plagiarism Detection for Afghan National Languages (Pashto and Dari)	2023	Internet of Behavior (IoB)				171	186	10.1201/9781003305170-11
Rajyalakshmi G.; Ravikumar Y.; Ramakrishna D.; Rao Kumbha S.	Angle-independent metamaterial absorber for S-, C-, and X-band application	2023	International Journal of Microwave and Wireless Technologies						10.1017/S15759078723000806
Kumar D.R.; Reddy K.A.; Goud T.A.; Venkatesh N.; Charan G.V.; Ahmad S.I.; Lincoln Ch.A.	Structural and dielectric properties of Sr <sub>1-x</sub> Ce <sub>x</sub> Mg <sub>y</sub> Fe <sub>2-y</sub> O <sub>4</sub> nano ferrites synthesized by citrate gel auto combustion method	2023	Materials Today: Proceedings	92			703	710	10.1016/j.matpr.2023.04.186
Mahboob S.; Rizwana	Simulation of XRD data by modified Arrhenius and Lorentz equations for ferroelectric ceramics having cubic, rhombohedral and tetragonal crystal structure	2023	Ferroelectrics	606	1		199	206	10.1080/00150193.2023.2189835
Garimella R.C.; Madeti S.R.K.; Neetoori R.; Gandreti P.; Akula M.; Kumar K.	IoT based microcontroller operated UV germicide system	2023	Recent Advancement of IoT Devices in Pollution Control and Health				127	152	10.1016/B978-0-323-95876-9.00012-4

Naaz M.; Fatima K.; Naik B.R.; Ibrahim M.; Jabeen A.; Hussain S.J.	A DC-DC Boost Converter using PWM with 65% efficiency	2023	Proceedings of 5th International Conference on 2023 Devices for Integrated				377	382	10.1109/DevIC57758.2023.10134808
Kishore G.S.; Sekhar P.C.	Deep Convolutional Spiking Neural Network Optimized with Coyote Chimp Optimization Algorithm for Imperfect Channel Estimation in MIMO-f-OFDM/FQAM Based 5G Network	2023	International Journal of Intelligent Engineering and Systems	16	3		115	125	10.22266/ijies2023.0630.09
Naresh A.; Naik M.G.	Urban Rainfall-Runoff Modeling Using HEC-HMS and Artificial Neural Networks: A Case Study	2023	International Journal of Mathematical, Engineering and Management Sciences	8	3		403	423	10.33889/IJME MS.2023.8.3.023
Shiva Reddy B.; Anji Reddy K.	Public Financing of Private Education Through Fee Reimbursement Scheme (FRS): A Case Study of Engineering Education in Andhra Pradesh	2023	Financing of Higher Education: Traditional Approaches and Innovative				179	195	10.1007/978-981-19-7391-8_12
Gangadhari R.K.; Shivalingam V.; Tarei P.K.; Cherukuri S.	Modeling Perceptions About Destination Images and Intention to Re-Visit: A Mediating-Moderated Model of Tourists' Behavior	2023	International Journal of Hospitality and Tourism Administration						10.1080/15256480.2023.2235702
Gali S.; Raghu D.; Mallikanti V.; Thumma V.; Vaddiraju N.	Design, synthesis of benzimidazole tethered 3,4-dihydro-2H-benzo[e] [1, 3] oxazines as anticancer agents	2023	Molecular Diversity						10.1007/s11030-023-10661-3
Srilekha P.; Vaishnavi K.; Hima Bindu G.; Trinadh A.; Vithal M.	Synthesis, characterization and photocatalytic studies of Ag <sup>+</sup> , Cu <sup>2+</sup> and Sn <sup>2+</sup> doped layered Li <sub>2</sub> Cd(PO <sub>3</sub> ) <sub>4</sub>	2023	Inorganic and Nano-Metal Chemistry						10.1080/24701556.2023.2213226
Naga P.; Marri S.D.; Borreo R.	Facial emotion recognition methods, datasets and technologies: A literature survey	2023	Materials Today: Proceedings	80			2824	2828	10.1016/j.matpr.2021.07.046

Kavyasree P.R.; Surender Reddy B.	CUBIC PYTHAGOREAN FUZZY LINEAR SPACES	2023	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	13	3		937	950	
Ponnala R.; Reddy C.R.K.	Hybrid Model to Address Class Imbalance Problems in Software Defect Prediction using Advanced Computing Technique	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and				1115	1122	10.1109/ICAIC56838.2023.10141379
Sandhya K.; Reddy G.B.; Ayodhya D.; Noorjahan M.; Mangatayaru K.G.	Phytoconstituents mediated fabrication of palladium nanoparticles using Butea Monosperma flower extract by autoclaving treatment towards the degradation of noxious organic dyes	2023	Results in Chemistry	5		100969			10.1016/j.rechem.2023.100969
Lingamaiah D.; Krishna Reddy D.; Naveen Kumar P.	Reliable Transmission Design for Wireless Sensor Network Using AI-ACO Approach	2023	2023 3rd International Conference on Artificial Intelligence and Signal						10.1109/AISP57993.2023.10134892
Madhu G.	Design of Intrusion Detection and Prevention Model Using COOT Optimization and Hybrid LSTM-KNN Classifier for MANET	2023	EAI Endorsed Transactions on Scalable Information Systems	10	3	e2			10.4108/eetsis.v10i3.2574
Ajay Kumar P.; Mallikarjun A.; Mettu M.R.; Anand Kumar Sagar P.; Thirmal C.; Jaipal Reddy M.; Siva Kumar J.	Investigation of flexible electrochemical storage with Li+/PVdF-HFP/PEO blend	2023	Polymer-Plastics Technology and Materials	62	10		1205	1222	10.1080/25740881.2023.2204904
Prashanthi A.; Reddy R.R.	A Feed-Forward and Back Propagation Neural Network Approach for Identifying Network Anomalies	2023	2023 International Conference for Advancement in Technology, ICONAT 2023						10.1109/ICONAT57137.2023.10080784
Erla S.; Kolloju P.	COMPUTATIONAL SCHEME FOR A DIFFERENTIAL DIFFERENCE EQUATION WITH A LARGE DELAY IN CONVECTION TERM	2023	International Journal of Applied Mechanics and Engineering	28	2		34	48	10.59441/ijame/168327

Salwadi Y.; Kurapati S.K.	The Role of Nanomaterials in Radioactive Waste Reduction and Decontamination: A Concise Review	2023	Lecture Notes in Mechanical Engineering				141	157	10.1007/978-981-99-3386-0_12
Bharadwaj S.; Kalyana Lakshmi Y.	Tuning of Structural, Electrical and Magnetic Properties of Ferrites	2023	Materials Horizons: From Nature to Nanomaterials	Part F258			17	39	10.1007/978-981-99-2583-4_2
Lingfa L.; Ankanagari S.	GC-MS Profiling of Reproductive Stage Withania somnifera for Antimicrobial and Anticancer Phytochemicals	2023	Biomedical and Pharmacology Journal	16	1		197	211	10.13005/bpj/2601
Kuna D.; Perumalla N.K.	An Analysis of Multi-GNSS Observations From Android Smartphones	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and				961	965	10.1109/CSNT57126.2023.10134675
Haripriya T.; Vasundhara K.L.; Lokhandae S.K.; Sudershanarao N.; Ramana Murthy M.V.	Data Management and Storage System Mathematical Modelling and Equation	2023	Proceedings of SPIE - The International Society for Optical Engineering	12616		126160W			10.1117/12.2675871
Song E.X.; Anurita S.; Aan M.N.A.; Teo F.Y.; Wong C.F.; Koppula P.	PERFORMANCE OF BIOCHAR IN BIORETENTION SYSTEM FOR REMOVAL OF MIXED CONTAMINANT: A REVIEW	2023	Larhyss Journal	2023	54		123	143	
Mendam K.; Naik S.J.K.	Anticancer and antioxidant activities of Cyphostemma auriculatum Roxb. green mediated silver nanoparticles	2023	Materials Today: Proceedings	92			618	625	10.1016/j.matpr.2023.04.126
Vidyasagar G.V.C.; Reddy P.V.J.; Kumar S.; Polipalli S.K.; Jaiswal R.M.; Venkateswarulu T.C.; Kishor P.B.K.; Suravajhala P.; Polavarapu R.	Perspectives on Rapid Antigen Tests for Downstream Validation and Development of Theranostics	2023	Advances in Experimental Medicine and Biology	1412			285	310	10.1007/978-3-031-28012-2_16

Hari Sing R.; Narsimha V.B.	Routing Protocols and Their Performance in Mobile Ad hoc Networks: A Quality of Service Optimization Perspective	2023	2022 OPJU International Technology Conference on Emerging Technologies for						10.1109/OTCON56053.2023.10113987
Silivery A.K.; Rao K.R.M.; Suresh Kumar L.K.	An Effective Deep Learning Based Multi-Class Classification of DoS and DDoS Attack Detection	2023	International Journal of Electrical and Computer Engineering Systems	14	4		421	431	10.32985/ijeces.14.4.6
Srinivasulu A.; Srinivasulu B.; Kusuminda T.; Amarasinghe C.; Ukuwela K.D.B.; Karunarathna M.; Mannakkara A.; Yapa W.B.; Srinivasulu C.	Taxonomic status of the Lesser Woolly Horseshoe bats (Chiroptera, Rhinolophidae, Rhinolophus beddomei) in peninsular India and Sri Lanka	2023	Zootaxa	5301	2		199	218	10.11646/zootaxa.5301.2.3
Venkateshwarlu M.; Janaiah R.; Sunitha B.	Geochemistry of granites in and around Chityala, Cuddapah Basin	2023	Materials Today: Proceedings	92			648	654	10.1016/j.matpr.2023.04.137
Aparna B.; Hari kumar N.; Edukondalu A.; Ravinder D.; Ahmed Jaleeli K.	P-type semiconductor Gd/Fe ion doped Ni-Mg nanoferrites applications	2023	Results in Chemistry	5		100957			10.1016/j.rechem.2023.100957
Ghorbani A.; Mousazadeh H.; Golafshan A.; Akbarzadeh Almani F.; Dávid L.D.	Tourists-generated photographs in online media and tourism destination choice: The case of Shiraz metropolis in Iran	2023	Cogent Social Sciences	9	1	2225336			10.1080/23311886.2023.2225336
Rajasri A.; Basheer M.A.; Hussain S.T.; Prasad N.V.	ELECTRICAL PROPERTIES OF MULTI-VALENT ALTERNATE ABO <sub>3</sub> PEROVSKITE (KNN) MULTI-FUNCTIONAL FERROELECTRIC CERAMICS	2023	Suranaree Journal of Science and Technology	30	3	30117			
Srinivasulu B.; Srinivasulu A.	A new species of the <i>Miniopterus australis</i> species complex (Chiroptera: Miniopteridae) from the Western Ghats, India	2023	Zootaxa	5296	2		233	249	10.11646/zootaxa.5296.2.5



Bhavya Sri K.; Aishwarya B.; Sowwjanya; Hari A.; Vallakeerthi N.; Sumakanth M.	Spectrophotometric Method and Its Validation for Tolvaptan in Its Bulk and Marketed Formulation Including Stress Studies	2023	International Journal of Drug Delivery Technology	13	1		216	220	10.25258/ijddt.13.1.33
Vemula S.; Kovvur R.M.R.; Marneni D.	Algorithms for Implementing Repeated Homomorphic Operations on Restricted Data Type Ranges	2023	2023 Somaiya International Conference on Technology and Information Management				106	111	10.1109/SICTIM56495.2023.10105118
Patnam N.; Chevula K.; Chennamsetti P.; Aleti B.; Kotha A.K.; Manga V.	Synthesis, antidiabetic activity and molecular docking studies of novel aryl benzylidenethiazolidine-2,4-dione based 1,2,3-triazoles	2023	Molecular Diversity						10.1007/s11030-023-10674-y
Bixmaiah C.; Naresh P.; Laxman A.; Bhavani S.; Siva Kumar K.; Sreenivasu D.	The effect of zinc oxide on the physical and optical characteristics of calcium oxide containing borotellurite glasses	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.03.732
Beema N.; Mukkamula N.; Mothuku S.; Thumu R.; Azmeera T.; Bimar K.K.	Comparative analysis of physico-chemical properties and fatty acid composition of linseed ( <i>Linum usitatissimum</i> L.) oils of Indian accessions	2023	Journal of Applied Biology and Biotechnology	11	1		80	87	10.7324/JABB.2023.110112
Narsihma L.; Srikanth K.; Laxminarayana K.; Narsimulu M.; Srinivas M.	Luminescence studies of lanthanides (Europium and Terbium) doped Sr <sub>2</sub> SiO <sub>4</sub> phosphor	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.02.326
Sreenivas D.; Suvarna T.; Lavanya G.; Vardhani C.P.	Evidence of ferromagnetism in boron doped graphene oxide synthesized by hydrothermal method	2023	Materials Today: Proceedings	92			450	457	10.1016/j.matpr.2023.03.591
Gangurde S.S.; Pasupuleti J.; Parmar S.; Variath M.T.; Bomireddy D.; Manohar S.S.; Varshney R.K.; Singam P.; Guo B.; Pandey M.K.	Genetic mapping identifies genomic regions and candidate genes for seed weight and shelling percentage in groundnut	2023	Frontiers in Genetics	14		1128182			10.3389/fgene.2023.1128182

Saikrupa C.H.; ChandraMohan Reddy G.; Venkatesh S.	Experimental investigation of cutting conditions in turning of Al-MMC	2023	Materials Today: Proceedings	76			488	494	10.1016/j.matpr.2022.11.154
Chander N.; Upendra Kumar M.	Comparative Analysis on Deep Learning Models for Detection of Anomalies and Leaf Disease Prediction in Cotton Plant Data	2023	Lecture Notes in Networks and Systems	608			263	273	10.1007/978-981-19-9225-4_20
Karthan M.K.; Kumar P.N.	Prediction of IRNSS User Position using Regression Algorithms	2023	2023 International Conference on Machine Intelligence for GeoAnalytics						10.1109/MIGAR557353.2023.10064576
Vuba K.K.; Etakula N.; Uttaravalli A.N.	Preparation of polypropylene co-polymer (PPCP) based composites with improved properties in presence of MWCNT and MAgPP fillers	2023	Materials Today: Proceedings	80			1096	1100	10.1016/j.matpr.2022.12.002
Nour D.; Sriram K.	Association of optical, ultraviolet, and soft X-ray excess emissions in AGNs	2023	Monthly Notices of the Royal Astronomical Society	518	4		5705	5717	10.1093/mnras/stac3505
Ramesh S.; Parthasarathy T.	DESIGN, SYNTHESIS, AND PHARMACOLOGICAL EVALUATION OF NOVEL BIS-INTERCALATORS AS POSSIBLE ANTICANCER AGENTS	2023	Rasayan Journal of Chemistry	16	1		385	390	10.31788/RJC.2023.1618207
Jayarambabu N.; Velupla S.; Akshaykranth A.; Anitha N.; Rao T.V.	Bambusa arundinacea leaves extract-derived Ag NPs: evaluation of the photocatalytic, antioxidant, antibacterial, and anticancer activities	2023	Applied Physics A: Materials Science and Processing	129	1	13			10.1007/s00339-022-06279-1
Veeranki K.C.; Pochampally J.; Maraju R.C.; Thumma V.; Boddu L.S.	1,2,3-Triazoles containing Thiazole-Piperazine Moieties: Synthesis, Biological Assessment and Molecular Docking	2023	Asian Journal of Chemistry	35	1		125	134	10.14233/ajchem.2023.26904

Kamireddy K.R.; Rao M.S.; Bantu R.; Misra S.; Sridhar B.; Reddy B.V.S.	Design and Metal-Free Synthesis and Cytotoxicity Evaluation of 5H-chromeno[4,3-b]pyridine Derivatives as Anti-Proliferative Agents	2023	Letters in Organic Chemistry	20	2		137	142	10.2174/1570178619666220415231814
Pallavi P.; Vankunavath P.; Ilaiah S.; Reddy G.P.	Real-Time Temperature Control of a Shell and Tube Heat Exchanger by IMC based PID controller	2023	EPIC Series in Computing	91			155	163	10.29007/dgt1
Sumalatha V.; Ayodhya D.	Fabrication and characterization of CuO nano-needles from thermal decomposition of Cu(II) metal complex: Fluorometric detection of antibiotics, antioxidant, and antimicrobial activities	2023	Results in Chemistry	5		100821			10.1016/j.rechem.2023.100821
Budarapu S.K.; Sunder M.S.; Ramakrishna B.	Performance Enhancement of Patch Antenna Using RIS and Metamaterial Superstrate for Wireless Applications	2023	Progress In Electromagnetics Research C	130			95	105	10.2528/PIERC22112603
Mahboob S.; Rizwana; Kumar G.S.	Dielectric and AC conductivity properties dependant simultaneously on T and ? of microwave sintered Ba0.997Pr0.003TiO3 ceramic: an experimental and simulation studies using modified Lorentz equations derived from Lorentz equation	2023	Ferroelectrics	603	1		176	184	10.1080/00150193.2022.2159230
Kandukuri V.	Aligning Talent and Business: A Key for Sustainable HRM in SMEs	2023	Journal of Entrepreneurship and Innovation in Emerging Economies	9	1		80	91	10.1177/23939575221141572
Janakamma C.; Hegde N.P.	Reliable Transmission of Multimedia Data Over Wireless Sensor Networks	2023	Lecture Notes in Networks and Systems	612			91	100	10.1007/978-981-19-9228-5_9
Maddu J.; Karrolla B.; Shaik R.U.; Elahi H.; Arkanti K.	Evaluation of Bronze Electrode in Electrical Discharge Coating Process for Copper Coating	2023	Micromachines	14	1	136			10.3390/mi14010136

Shekunti R.K.; Devarakonda A.P.; Kothakapu S.R.; Ramakrishna D.S.	Efficient green synthesis of a potential novel nosylation reagent and its DFT study	2023	Phosphorus, Sulfur and Silicon and the Related Elements	198	7		549	553	10.1080/10426507.2023.2191960
Kalavathi R.; Swamy Das M.	A Review on Deep Learning Approaches for Histopathology Breast Cancer Classification	2023	Lecture Notes in Networks and Systems	606			367	375	10.1007/978-981-19-8563-8_35
Umamaheswara Singh R.; Chandra Sekhar K.; Shareefuddin M.; Purushotham Y.	Optical properties of the B2O3–CdO–ZnO–Li2O glasses modified with MoO3	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.01.079
Praneeth J.; Venkatesh S.; Krishn L.S.	Process parameters influence on mechanical properties of AlSi10Mg by SLM	2023	Materials Today: Proceedings						10.1016/j.matpr.2022.12.222
Chandana R.; Saraswathamma K.	Impact of tool pin profiles in friction stir welding process-A review	2023	Materials Today: Proceedings	76			602	606	10.1016/j.matpr.2022.12.097
Anthappagudem A.; Enaganti S.; Bhukya B.	Integration of mutational and molecular docking studies: An in silico approach to assess the stability and binding potential of CYP3A4	2023	Journal of Applied Biology and Biotechnology	11	1		161	170	10.7324/IABB.2023.110122
Thallapalli R.; Narsimha G.	An Automated Framework to Detect Emotions from Contextual Corpus	2023	International Journal of Advanced Computer Science and Applications	14	3		865	874	10.14569/IJACS.A.2023.0140398
Payavula H.Y.; Jamadandu D.; Velpula S.; Digumarti R.R.; Satti V.; Annamaneni S.	VNTR Polymorphism in the Intron 5 of SIRT3 and Susceptibility to Breast Cancer	2023	Asian Pacific Journal of Cancer Prevention	24	3		859	865	10.31557/APJCP.2023.24.3.859

Awasthi R.; Singh A.K.; Mishra G.; Maurya A.; Dhiman N.; Kharkwal H.; Sharma B.; Jha N.K.; Dureja H.; Dua K.; de Jesus Andreoli Pinto T.; Kulkarni G.T.	Diagnosis and Clinical Aspects of Lung Cancer: A Special Emphasis on Drug Targeting to Cancer Cells through Nanoparticles	2023	Letters in Drug Design and Discovery	20	5		499	516	10.2174/1570180819666220510133408
Danda R.R.; Reddy P.M.; Raju A.K.; Reddy V.N.; Kumar K.S.; Kumar B.V.	Acetic Acid-Water Mediated Efficient One-Pot Synthesis of Functionalized Isoxazolyl Amino Chromeno[4,3-b]pyridine Derivatives	2023	Asian Journal of Chemistry	35	1		135	142	10.14233/ajchem.2023.26926
Venkatesh; Raju N.	Some Invariant Point Results Using Simulation Function	2023	International Journal of Analysis and Applications	21		8			10.28924/2291-8639-21-2023-8
Pradeep Kumar M.; Ayodhya D.; Shivaraj	Novel copper (II) binary complexes with N,O-donor isoxazole Schiff base ligands: Synthesis, characterization, DPPH scavenging, antimicrobial, and DNA binding and cleavage studies	2023	Results in Chemistry	5		100845			10.1016/j.rechem.2023.100845
Gopichand K.; Mahipal V.; Nageswara Rao N.; Majeed Ganai A.; Venkateswar Rao P.	Co(II), Ni(II), Cu(II), and Zn(II) complexes with Benzothiazole Schiff base ligand: Preparation, Spectral Characterization, DNA Binding, and In Vitro Cytotoxic Activities	2023	Results in Chemistry	5		100868			10.1016/j.rechem.2023.100868
Manokari M.; Badhepuri M.K.; Cokul Raj M.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Jogam P.; Shekhawat M.S.	Seismic stress-mediated improvements in morphometry, foliar anatomy and biochemistry of in vitro grown plants of Gardenia jasminoides J. Ellis	2023	Journal of Horticultural Science and Biotechnology	98	5		622	634	10.1080/14620316.2023.2179548
Shilpa K.; Adilakshmi T.	Analysis of SWCET Student's Results Using Educational Data Mining Techniques	2023	Cognitive Science and Technology				639	651	10.1007/978-981-19-2358-6_58
Padmaja V.; Sumakanth M.; Shashikala P.	Synthesis, Characterization and Molecular Docking Studies of Novel Mannich Bases of Indole Analogs as Potent Antibacterial and Anticancer Agents	2023	Asian Journal of Chemistry	35	1		217	223	10.14233/ajchem.2023.24004

Kavi Kishor P.B.; Srinivas B.; Singam P.; Sahitya G.; Tulya Rupa Sri V.; Rajasheker G.; Suravajhala P.	Modulation of Lignin and its Implications in Salt, Drought and Temperature Stress Tolerance	2023	Current Chemical Biology	17	1		2	12	10.2174/221279 6816666220820 110616
Balraj G.; Rammohan K.; Anilkumar A.; Sharath Babu M.; Ayodhya D.	An improved eco-friendly and solvent-free method for the one-pot synthesis of tetrahydropyrimidine derivatives via Biginelli condensation reaction using ZrO <sub>2</sub> /La <sub>2</sub> O <sub>3</sub> catalysts	2023	Results in Chemistry	5		100691			10.1016/j.rechem.2022.100691
Rajyalakshmi G.; Ravikumar Y.; Krishna D.R.; Rao K.S.	Angle Independent Metamaterial Absorber for S and C Band Application	2023	Progress In Electromagnetics Research C	130			241	254	10.2528/PIERC2 2120501
Mohiuddin A.; Kavitha B.; Narsimlu N.	Small angle neutron scattering studies on RGO incorporated PVB matrix nanocomposites	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.01.400
Mallikarjun A.; Siva Kumar J.; Sreekanth T.; Sangeetha M.; Mettu M.R.; Ajay Kumar P.; Jaipal Reddy M.	Investigation of FT-IR and impedance spectroscopy of nanocomposite PVDF-HFP based polymer electrolytes	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.01.215
Chandra Sekhar V.; Dasore A.; Yalamasetti B.; Sudha Madhuri K.; G. N.	Flexural behavior of natural fiber epoxy composites	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.03.429
Kune R.; Jagadha S.; Hari Shing Naik S.; Kishan N.; Gopal D.	Parametric study of MHD, heat absorption/generation and diffusion of mass on one dimensional unsteady, chemically reacting flow employing Finite Element method	2023	Materials Today: Proceedings	80			1086	1095	10.1016/j.matpr.2022.12.001
Babu G.L.A.; Badugu S.	A Survey on Automatic Text Summarisation	2023	Lecture Notes in Networks and Systems	612			679	689	10.1007/978-981-19-9228-5_58

Rajeshwari P.; Shyamala K.	Pixel Attention Based Deep Neural Network for Chest CT Image Super Resolution	2023	Communications in Computer and Information Science	1798	CCIS			393	407	10.1007/978-3-031-28183-9_28
Gul M.Z.; Mukherjee T.; Rupula K.; Rao B.S.	Strategies involved in bio-inspired synthesis of metallic nanomaterials and their applications—A comprehensive account	2023	Synthesis of Bionanomaterials for Biomedical Applications					1	36	10.1016/B978-0-323-91195-5.00007-6
Ajay Kumar P.; Mettu M.R.; Mallikarjun A.; Jaipal Reddy M.; Siva Kumar J.	Morphological, structural, and thermal studies of polymer blend membranes of poly (vinylidene fluoride- hexafluoropropylene) (PVdF-HFP) and poly (ethylene oxide) (PEO)	2023	Materials Today: Proceedings							10.1016/j.matpr.2023.01.226
Suryanarayana A.	An Empirical Study into the Effects of Organization Culture and Person-Job Fit on Post-Merger and Acquisition Resistance to Change in Select Commercial Banks	2023	Review of Integrative Business and Economics Research	12	2			28	57	
Gouthami S.; Hegde N.P.	An Unsupervised Sentiment Classification Method Based on Multi-level Sentiment Information Extraction Using CRbSA Algorithm	2023	Cognitive Science and Technology					979	990	10.1007/978-981-19-8086-2_92
Sharada G.; Pavan Kumar N.; Sowjanya P.; Sreenivasu D.	Low concentration doping effects of holmium on structural and spectroscopic properties of cobalt ferrite	2023	Materials Today: Proceedings	92				440	444	10.1016/j.matpr.2023.03.589
Jawwharlal R.; Devi L.N.	HA2 CR: Hierarchical Authentication Assisted Clustered Routing for Wireless Multimedia Sensor Networks	2023	Journal of Communications	18	1			58	67	10.12720/jcm.18.1.58-67
Vijetha T.; Dasari R.K.	A Frequency Reconfigurable MIMO Antenna with UWB Sensing for Multi-Band Operations	2023	International Journal of Microwave and Optical Technology	18	1			57	68	

Raju S.; Dhanalaxmi; Reddy M.P.K.	Effect of magnetic field in a porous layer saturated couple-stress fluid with through flow and internal heat source	2023	Mathematics in Engineering, Science and Aerospace	14	1		197	204	
Ruperao P.; Gandham P.; Odeny D.A.; Mayes S.; Selvanayagam S.; Thirunavukkarasu N.; Das R.R.; Srikanda M.; Gandhi H.; Habyarimana E.; Manyasa E.; Nebie B.; Deshpande S.P.; Rathore A.	Exploring the sorghum race level diversity utilizing 272 sorghum accessions genomic resources	2023	Frontiers in Plant Science	14		1143512			10.3389/fpls.2023.1143512
Swapna M.; Hegde N.	Noise Removal Filtering Methods for Mammogram Breast Images	2023	Cognitive Science and Technology				1033	1046	10.1007/978-981-19-8086-2_97
Nambigari N.	Cancer Therapeutics: Structure-Based Drug Design of Inhibitors for a Novel Angiogenic Growth Factor	2023	Mathematical Biology and Bioinformatics	18	1		72	88	10.17537/2023.18.72
Alekhya A.; Sailaja A.K.	Formulation and Evaluation of Letrozole Nanosuspension By Probe Sonication Method using Box-behnken Design	2023	Current Nanomaterials	8	3		266	279	10.2174/2405461507666220831093135
Rizwana; Mahboob S.	Study of polarization data for Sr(1-2x)NaxNdxBi4Ti4O15 ceramics prepared through sol-gel route: An experimental and simulation using modified Glazounov equation	2023	Materials Today: Proceedings	92			608	611	10.1016/j.matpr.2023.04.084
Nagar H.; Aniya V.; Kesari A.; Rao V.V.B.	Novel microporous material-induced high selective membrane for acetic acid dehydration: experiments and molecular modelling	2023	Indian Chemical Engineer	65	1		78	89	10.1080/00194506.2022.2162446
Pradeep Kumar M.; Ayodhya D.; Rambabu A.; Shivaraj	Synthesis, characterization, X-ray crystal structure, antioxidant, antimicrobial, and DNA binding interaction studies of novel copper (II)-isoxazole binary complexes	2023	Results in Chemistry	5		100846			10.1016/j.rechem.2023.100846



Chandavath B.; Modem R.; Perati M.R.	STUDY OF CURVATURE EFFECT ON STONELEY WAVE PROPAGATION IN DISSIPATIVE POROELASTIC CYLINDRICAL SOLIDS	2023	Journal of Theoretical and Applied Mechanics (Bulgaria)	53	1		34	48	10.55787/jtams.23.53.1.34
Sundarpal V.; kanth B.S.; Rajitha N.; Yadagiri B.	Synthesis, spectroscopic characterization, DNA binding and DFT/PCM calculations of new Hydrogen-bonded charge transfer complex between 4-dimethylaminopyridine and Chloranilic acid	2023	Results in Chemistry	5		100694			10.1016/j.rechem.2022.100694
Chandrashekhar G.; Venkatalaxmi A.	ON THE IMPROVED INSTABILITY REGION FOR THE CIRCULAR RAYLEIGH PROBLEM OF HYDRODYNAMIC STABILITY	2023	Journal of Applied Mathematics and Informatics	41	1		155	165	10.14317/jami.2023.155
Nagaraju L.; Naikoti K.; Krishna M.V.	Chemical reaction and Soret effects on MHD convective flow of second grade fluid through an absorbent medium with ramped wall temperature as well as ramped surface concentration	2023	Journal of the Indian Chemical Society	100	1	100818			10.1016/j.jics.2022.100818
Chilukuri R.K.; Kakarla H.K.; Rao K.S.	Radar Signal Recognition Based on Multilayer Perceptron Neural Network	2023	International Journal of Electrical and Computer Engineering Systems	14	1		29	36	10.32985/ijeces.14.1.4
Venkatesh N.; Goud T.A.; Kumar D.R.; Goud S.; Veerasomaiah P.	Luminescence, photocatalytic and dielectric properties of Sm substituted Mg nano ferrites	2023	Materials Today: Proceedings	92			471	477	10.1016/j.matpr.2023.03.595
Ayodhya D.; Sumalatha V.; Gurrupu R.; Sharath Babu M.	Catalytic degradation of HIV drugs in water and antimicrobial activity of Chrysin-conjugated Ag-Au, Ag-Cu, and Au-Cu bimetallic nanoparticles	2023	Results in Chemistry	5		100792			10.1016/j.rechem.2023.100792
Suman J.; Shyamala K.; Roja G.; Pranay N.	Testbed Implementation of MAX LEACH Routing Protocol and Sinkhole Attack in WSN	2023	Lecture Notes in Networks and Systems	612			153	162	10.1007/978-981-19-9228-5_14

Suneetha G.; Ayodhya D.; Sunitha Manjari P.	Schiff base stabilized gold nanoparticles: Synthesis, characterization, catalytic reduction of nitroaromatic compounds, fluorometric sensing, and biological activities	2023	Results in Chemistry	5		100688			10.1016/j.rechem.2022.100688
Jeedi V.R.; Ganta K.K.; Varma I.S.R.; Yalla M.; Narender Reddy S.; Chary A.S.	Alumina Nanofiller Functionality on Electrical and Ion Transport Properties of PEO-PVdF/KNO <sub>3</sub> /SN Nanocomposite Polymer Electrolytes	2023	Results in Chemistry	5		100814			10.1016/j.rechem.2023.100814
Revathi E.; Yaku G.; Unnisa S.A.; Malyala P.; Praveen V.	Microwave assisted green synthesis of silver nanoparticles from Carica papaya fruit extract: Characterization and detection of Fe <sup>3+</sup> and Hg <sup>2+</sup> ions	2023	Materials Today: Proceedings	92			490	497	10.1016/j.matpr.2023.03.597
Pavani B.; Nirmala Devi L.; Subbareddy K.V.	H-SWIPT Based Energy-Efficient Clustering for Multi-Hop IoT Networks	2023	Smart Innovation, Systems and Technologies	333			427	440	10.1007/978-981-19-8094-7_33
Gnaneswar M.; Mahipal V.; Ayesha Hashmi S.; Shakya S.; Parthasarathy T.	Charge transfer interaction between 2, 3-Diamino-5-bromopyridine and 2, 4-Dinitrophenol: Synthesis, spectroscopic characterization, DNA binding analysis, and density functional studies	2023	Results in Chemistry	5		100836			10.1016/j.rechem.2023.100836
Sadula A.; Gaddhe L.	Synthesis, computational studies and biological evaluation of novel Acenaphthoquinone-imidazole derivatives as dual inhibitors of HSP90 and Topo II in cancer therapy	2023	Results in Chemistry	5		100796			10.1016/j.rechem.2023.100796
Thirupathi T.; Srinivas V.	Some Results on Conditionally Sequential Absorbing Maps in Multiplicative Metric Space	2023	International Journal of Analysis and Applications	21		13			10.28924/2291-8639-21-2023-13
Sanjeev R.; Jagannadham V.; Geelan D.	Cyclopentadiene: Explaining Its Deviation from the Correlation of pK <sub>a</sub> versus Number of Nitrogen Atoms of the Pyrrole to Pentazole Series and Its Closeness to the Correlation of pK <sub>a</sub> versus Number of Phosphorous Atoms of the Phosphole to Pentaphosphole Series	2023	Russian Journal of General Chemistry	93	1		116	119	10.1134/S1070363223010164

Kavyasree P.R.; Surender Reddy B.	Cubic Picture Hesitant Fuzzy Linear Spaces and Their Applications in Multi Criteria Decision Making	2023	Studies in Fuzziness and Soft Computing	420			533	557	10.1007/978-981-19-4929-6_25
Trinadh A.; Srikanth K.; Laxminarayana K.; Srilekha P.; Vithal M.; Srinivas M.	Synthesis and photoluminescence studies of $\text{Na}_3\text{?3xLn xSbO (PO}_4)_2$ (Ln = Eu, Sm and Tb, and 0 ? x ? 0.1 mol%) phosphors for white light-emitting diodes	2023	Journal of Materials Science: Materials in Electronics	34	2	83			10.1007/s10854-022-09463-4
Lonavath S.N.; Boda H.	Consequences of the rotational speed and profile of tool pin in microstructure and mechanical properties of AA8011/ZrO <sub>2</sub> composite produced by FSW	2023	International Journal on Interactive Design and Manufacturing						10.1007/s12008-023-01295-8
Nirish M.; Rajendra R.; Karolla B.	Laser Powder Bed Fusion Process Optimization of AISi10Mg Alloy Using Selective Laser Melting: Dynamic Performance of Fatigue Behaviour, Microstructure, Hardness and Density	2023	Journal of Mechanical Engineering	20	1		1	20	
Sagar E.; Reddy P.V.	Recoverable strain studies of gadolinium-doped multiferroic BiFeO <sub>3</sub> by ultrasonic velocity measurements	2023	Applied Physics A: Materials Science and Processing	129	1	45			10.1007/s00339-022-06331-0
Narsimulu M.; Srikanth K.; Narshima L.; Srinivas M.	Synthesis and emission characteristics of rare earth ions (Eu <sup>3+</sup> and Tb <sup>3+</sup> ) doped calcium orthogermanate phosphors	2023	Materials Today: Proceedings						10.1016/j.matpr.2023.03.763
Rachuru S.; Padmavathi D.A.; Jagannadham V.	Why Cyclohexatriene (C <sub>6</sub> H <sub>6</sub> , pK <sub>a</sub> = 43) is Less Acidic than Cyclopentadiene (C <sub>5</sub> H <sub>6</sub> , pK <sub>a</sub> = 15) and Cycloheptatriene (C <sub>7</sub> H <sub>8</sub> , pK <sub>a</sub> = 36): A Freshmen Chemical Education Undergraduate Exercise	2023	World Journal of Chemical Education	11	1		1	3	10.12691/wjce-11-1-1
Sultana S.; Renjini Devi M.R.; Rathod M.K.; Reddy P.P.; Ananthapur V.	Are Altered Expression of Vascular Endothelial Growth Factor and Placental Growth Factor Associated with Placental Angiogenesis in Recurrent Pregnancy Loss?	2023	Indian Journal of Clinical Biochemistry						10.1007/s12291-023-01117-4

Ramangouda G.; Naik M.K.; Nitnavare R.B.; Yeshvekar R.; Bhattacharya J.; Bhatnagar-Mathur P.; Sharma M.	Genetic enhancement of <i>Trichoderma asperellum</i> biocontrol potentials and carbendazim tolerance for chickpea dry root rot disease management	2023	PLoS ONE	18	45292	e0280064			10.1371/journal.pone.0280064
Jyothi P.; Reddy D.K.; Kumar P.N.	A Hybrid Classification Approach for Iris Recognition System for Security of Industrial Applications	2023	Journal of Scientific and Industrial Research	82	1		151	157	10.56042/jsir.v82i1.70253
Banu R.; Bhagavanth Reddy G.; Ayodhya D.; Ramakrishna D.; Kotu G.M.	Biogenic Pd-nanoparticles from <i>Lantana trifolia</i> seeds extract: Synthesis, characterization, and catalytic reduction of textile dyes	2023	Results in Chemistry	5		100737			10.1016/j.rechem.2022.100737
Mamidala R.; Velmaiel K.E.; Chitthaluri S.; Manthapuri V.; Naveen K.; RajaSekhar P.	Nutrients Recovery in the Water and Wastewater Sector	2023	Advances in Science, Technology and Innovation				141	154	10.1007/978-3-031-18165-8_11
Ramakrishna Reddy A.; Panasa Reddy A.; Thirumala Chary M.; Rajanna K.C.	CETYL TRIMETHYL AMMONIUM BROMIDE ASSISTED OXIDATION OF HYPOXANTHINE AND XANTHINE USING Mn(VII) IN AQUEOUS BRONSTED ACID MEDIA: A KINETIC AND MECHANISTIC STUDY	2023	Rasayan Journal of Chemistry	16	1		129	139	10.31788/RJC.2023.1618135
Gouthami S.; Hegde N.P.	Automatic Sentiment Analysis Scalability Prediction for Information Extraction Using SentiStrength Algorithm	2023	Lecture Notes in Networks and Systems	612			21	30	10.1007/978-981-19-9228-5_3
Chitthaluri S.; Mamidala R.; Velmaiel K.E.; Manthapuri V.; Naveen K.; RajaSekhar P.	Advanced Treatment Technologies in Removal of Pollutants from Water and Wastewater	2023	Advances in Science, Technology and Innovation				69	89	10.1007/978-3-031-18165-8_6
Balla C.S.; Alluguvelli R.; Naikoti K.	Effects of Thermal Radiation on Fully Developed MHD Nanofluid Flow in a Vertical Square Duct	2023	Discontinuity, Nonlinearity, and Complexity	12	1		87	97	10.5890/DNC.2023.03.007

Nagaraju G.; Chandra Sekhar K.; Shareefuddin M.; Karuna Sagar D.	FTIR and Raman analysis of PbBr <sub>2</sub> -CdO-Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses	2023	Materials Today: Proceedings						10.1016/j.matpr.2022.12.245
Mamindla A.; Ramadevi	Improved ABC Algorithm Based 3D Otsu for Breast Mass Segmentation in Mammogram Images	2023	International Journal of Intelligent Engineering and Systems	16	2		607	618	10.22266/ijies2023.0430.50
Reddy A.R.; Reddy A.P.; Chary M.T.	Ag(I) catalyzed oxidation of hypoxanthine and xanthine by Mn (VII) in aqueous Bronsted acid solutions: A kinetic and mechanistic study	2023	Materials Today: Proceedings	92			530	536	10.1016/j.matpr.2023.03.700
Ayodhya D.	Recent progress on detection of bivalent, trivalent, and hexavalent toxic heavy metal ions in water using metallic nanoparticles: A review	2023	Results in Chemistry	5		100874			10.1016/j.rechem.2023.100874
Appala V.R.M.; Anagani K.D.B.; Pasula A.	Synthesis of New Piperidine based N(2)-Alkylated 1,2,3-Triazole Hybrids in Basic Medium	2023	Asian Journal of Chemistry	35	1		212	216	10.14233/ajchem.2023.26906
Rizwana; Mahboob S.	Simulation of XRD data by modified Arrhenius and Lorentz equations for (Na <sub>0.5</sub> Bi <sub>0.5</sub> ) <sub>0.94</sub> Ba <sub>0.06</sub> (Ti <sub>1-2x</sub> Zr <sub>x</sub> Ce <sub>x</sub> )O <sub>3</sub> ferroelectric ceramics having rhombohedral crystal structure	2023	Materials Today: Proceedings	92			537	541	10.1016/j.matpr.2023.03.744
Dumpeti N.K.; Kavuri R.	A Blockchain Based Decentralized Certificate Management System Using Hyperledger Fabric	2023	Lecture Notes in Networks and Systems	648 LNNS			474	484	10.1007/978-3-031-27524-1_45
Naresh A.; Gupta H.; Naik M.G.; Hamsa S.; Raju M.M.; Bisht D.C.S.	Rainfall-runoff modeling using SWAT model: A case study of middle Godavari basin, Telangana State, India	2023	Advances in Mathematical and Computational Modeling of Engineering				183	202	10.1201/9781003367420-8

Shailaja K.; Mediseti N.	HIGH FREQUENCY in vitro PLANTLET REGENERATION FROM LEAF, NODE AND SHOOT TIP EXPLANTS OF <i>Corynandra felina</i> (L.f.) Cochrane & Iltis, AN IMPORTANT ENDEMIC MEDICINAL PLANT IN PENINSULAR INDIA	2022	Applied Biological Research	24	4		514	521	10.5958/0974-4517.2022.00057.X
Mullaguri S.C.; Akula S.; Sahoo P.S.; Ashireddygar V.R.; Mupparapu V.; Silveri R.; Prasad Burra V.L.S.; Kancha R.K.	Molecular docking analysis reveals differential binding affinities of multiple classes of selective inhibitors towards cancer-associated KRAS mutants	2022	3 Biotech	12	12	343			10.1007/s13205-022-03407-9
Ahemad M.T.; Hameed M.A.; Vankdothu R.	COVID-19 detection and classification for machine learning methods using human genomic data	2022	Measurement: Sensors	24		100537			10.1016/j.measen.2022.100537
Babu B.H.; Lakshmi G.V.	Antibacterial, Anticancer, Catalytic and Antioxidant Activities of Green Synthesized Silver Nanoparticles Derived from <i>Alternanthera sessilis</i> Leaf Extract	2022	Asian Journal of Chemistry	34	12		3286	3292	10.14233/ajchem.2022.23980
Jannapu Reddy R.; Jagadesh Kumar J.; Rama Krishna G.	K3PO4-Promoted Cycloannulation of (E)- $\beta$ -Iodovinyl Sulfones with ortho-Hydroxy-Chalcones/Cinnamates for the Synthesis of 2,3,4-Trisubstituted 4H-Benzopyran Derivatives	2022	Advanced Synthesis and Catalysis	364	23		4080	4087	10.1002/adsc.202200763
Mallikarjun A.; Siva Kumar J.; Sreekanth T.; Sangeetha M.; Mettu M.R.; Espenti C.S.; Jaipal Reddy M.	Facile fabrication of NiO doped PVDF-co-HFP/Mg(ClO <sub>4</sub> ) <sub>2</sub> polymer composite membrane as a counter electrode in low-cost dye-sensitized solar cells	2023	Polymer-Plastics Technology and Materials	62	2		145	161	10.1080/25740881.2022.2096471
Ramu V.; Satish Kumar P.; Srinivas G.N.	Comparative Analysis of Multi-level Inverters with Various PWM Techniques	2023	Lecture Notes in Networks and Systems	400			325	351	10.1007/978-981-19-0095-2_33
Manjunatha K.; Ho M.-K.; Hsu T.-E.; Chiu H.-H.; Li T.-Y.; Kumar B.V.; Reddy P.M.; Chan T.S.; Wu Y.-H.; Lin B.-H.; Karmenyan A.; Cheng C.-L.; Gandhi A.C.; Wu S.Y.	Precise Sn-Doping Modulation for Optimizing CdWO <sub>4</sub> Nanorod Photoluminescence	2022	International Journal of Molecular Sciences	23	23	15123			10.3390/ijms232315123

Srilatha P.; Gamaoun F.; Marouani H.; Kumar R.; Prasanna Rani S.; Yogeesh K.M.; Naveen Kumar R.	Melting phenomenon in the flow of dusty nanofluid over a stretching sheet in the presence of single walled carbon nanotubes	2022	Case Studies in Thermal Engineering	40		102585			10.1016/j.csite.2022.102585
Vankdothu R.; Hameed M.A.	Brain tumor segmentation of MR images using SVM and fuzzy classifier in machine learning	2022	Measurement: Sensors	24		100440			10.1016/j.measen.2022.100440
Gorre M.; Rayabarapu P.; Battini S.R.; Irgam K.; Battini M.R.	Analysis of 61 SNPs from the CAD specific genomic loci reveals unique set of SNPs as significant markers in the Southern Indian population of Hyderabad	2022	BMC Cardiovascular Disorders	22	1	148			10.1186/s12872-022-02562-4
Dhana Raju R.	Value-addition, by Extraction of Critical Minerals — Cu, Co, Ni, Mo and REEs — from the Albitite Type U-deposits in Rohil and Adjoining Areas, Rajasthan, India	2022	Journal of the Geological Society of India	98	12		1661	1664	10.1007/s12594-022-2234-4
Kaniganti S.; Bhattacharya J.; Petla B.P.; Reddy P.S.	Strigolactone, a neglected plant hormone, with a great potential for crop improvement: Crosstalk with other plant hormones	2022	Environmental and Experimental Botany	204		105072			10.1016/j.envexpbot.2022.105072
Mishra S.; Supraja P.; Haranath D.; Kumar R.R.; Pola S.	Effect of surface and contact points modification on the output performance of triboelectric nanogenerator	2022	Nano Energy	104		107964			10.1016/j.nanoen.2022.107964
Chenoori R.K.; Kavuri R.	GrFrauder: A Novel Unsupervised Clustering Algorithm for Identification Group Spam Reviewers	2022	Ingenierie des Systemes d'Information	27	6		1019	1027	10.18280/isi.270619
Vyshnava S.S.; Pandluru G.; Kumar K.D.; Panjala S.P.; Banapuram S.; Paramasivam K.; Devi K.V.; Anupalli R.R.; Dowlatabad M.R.	Quantum dots based in-vitro co-culture cancer model for identification of rare cancer cell heterogeneity	2022	Scientific Reports	12	1	5868			10.1038/s41598-022-09702-y

Bandaru S.G.; Yathapu S.; Sathiraju A.; Ganghishetti B.; Mangalarapu T.B.; Singh A.K.	Photoluminescence and photocatalytic studies of rice water and papaya fruit extract-encapsulated cadmium sulfide nanoparticles	2023	Journal of the Korean Ceramic Society	60	1		183	202	10.1007/s43207-022-00253-6
Kavitha V.; Chenna Krishna Reddy M.; Sunitha Devi S.	Numerical Investigation of the Effect of Variable Viscosity on Rayleigh-Benard Marangoni Convection in Hydro Dynamic Surface	2022	International Journal of Intelligent Systems and Applications in Engineering	10	4		720	727	
Maddu J.; Karrolla B.; Uddien Shaik R.	Experimental optimization of electrical discharge coatings using conventional electrode	2022	Materials Science and Engineering: B	286		116069			10.1016/j.mseb.2022.116069
Muthu Kumaran S.; Surya Shashank Sekhar H.; Raghavan V.	A Study of Entropy Generation in Coflow Diffusion Flames Fueled by Liquefied Petroleum Gas	2023	Lecture Notes in Mechanical Engineering				535	551	10.1007/978-981-19-3467-4_34
Taranum F.	The Horizontal Handover Mechanism Using IEEE 802.16 E Standard	2023	Lecture Notes in Networks and Systems	478			309	323	10.1007/978-981-19-2940-3_21
Dora H.K.M.; Siva Rama Krishna L.; Ravinder Reddy P.	Productivity and Safety Improvement in Industry Using Ergonomics—A Case Study	2023	Lecture Notes in Mechanical Engineering				1	13	10.1007/978-981-19-5347-7_1
Kalyani B.; Altowyan A.S.; Edukondalu A.; Pujari N.; Reddy M.S.; Alrowaili Z.A.; Olarinoye I.O.; Al-Buriah M.S.	Synthesis, Thermal, Optical, and Radiation-Absorbing Properties of Bi2O3-Li2O-As2O3-B2O3 Glasses	2023	Journal of Electronic Materials	52	1		569	582	10.1007/s11664-022-10028-8
Alqershy M.T.; Kishore R.	Construction claims prediction using ANN models: a case study of the Indian construction industry	2023	International Journal of Construction Management	23	6		1097	1108	10.1080/15623599.2021.1955322



Rachuru S.; Padmavathi D.A.; Ramavath R.; Vandanapu J.; Skelton A.A.	The three pyridazines, three naphthyridines and two azoles: Effect of the position of the second heteroatom on pKaHof their eight conjugate acids	2022	Zeitschrift fur Physikalische Chemie	236	45608		1617	1626	10.1515/zpch-2022-0111
Kandula M.; Gutta N.; Aytam H.P.; Perupogu V.; Manda K.; Akula V.	Rice Husk Ash Derived SiO2 for Template Free Synthesis of H-ZSM-5 Support for Ni Catalyst: Investigation on Non-Oxidative CH4 Cracking for Clean H2 Production	2022	Catalysis Surveys from Asia	26	4		336	345	10.1007/s10563-022-09365-9
Ramesh A.; Kishan N.; Balla C.S.	Bioconvection in inclined square cavity comprising oxytactic microorganisms in the presence of Soret and Dufour	2023	International Journal of Modelling and Simulation	43	6		967	979	10.1080/02286203.2022.2140386
Kaleru A.; Venkatesh S.; Kumar N.	Theoretical and numerical study of a shell and tube heat exchanger using 22% cut segmental baffle	2022	Heat Transfer	51	8		7805	7821	10.1002/htj.22667
Neeli P.K.; Sahoo S.; Karnewar S.; Singuru G.; Pulipaka S.; Annamaneni S.; Kotamraju S.	DOT1L regulates MTDH-mediated angiogenesis in triple-negative breast cancer: intermediacy of NF-?B-HIF1? axis	2023	FEBS Journal	290	2		502	520	10.1111/febs.16605
Barmukh R.; Roorkiwal M.; Dixit G.P.; Bajaj P.; Kholova J.; Smith M.R.; Chitikineni A.; Bharadwaj C.; Sreeman S.M.; Rathore A.; Tripathi S.; Yasin M.; Vijayakumar A.G.; Rao Sagurthi S.; Siddique K.H.M.; Varshney R.K.	Characterization of 'QTL-hotspot' introgression lines reveals physiological mechanisms and candidate genes associated with drought adaptation in chickpea	2022	Journal of Experimental Botany	73	22		7255	7272	10.1093/jxb/era c348
Bandari S.; Devi L.N.	An optimal UAV height localization for maximum target coverage using improved deer hunting optimization algorithm	2022	International Journal of Intelligent Robotics and Applications	6	4		773	790	10.1007/s41315-022-00261-z
Yelagandula S.; Ginuga P.R.	Control of a Waste Water Treatment Plant Using Fuzzy Logic Controller	2022	Journal of The Institution of Engineers (India): Series E	103	2		167	177	10.1007/s40034-022-00241-9

Dyapa H.; Kishan N.	Numerical simulation of Dufour and Soret impacts on MHD Williamson nanofluid flow through an inclined surface	2023	Heat Transfer	52	1		448	466	10.1002/htj.22702
Pujari N.; Edukondalu A.; Birampally K.; Reddy M.S.; Vardhani C.P.	Spectroscopic Investigations and Physical Properties of Alkali Arsenate Boro-tellurite Glasses	2022	Glass Physics and Chemistry	48	6		497	510	10.1134/S1087659621100424
Wang X.; Pan H.; Sagurthi S.; Paris V.; Zhuo C.; Dixon R.A.	The protein conformational basis of isoflavone biosynthesis	2022	Communications Biology	5	1	1249			10.1038/s42003-022-04222-x
Venkataiah S.; Sthithapragna G.	Comprehensive evaluation of nano refrigerants: A review	2023	Materials Today: Proceedings	72			937	942	10.1016/j.matpr.2022.09.094
Padala C.; Puranam K.; Shyamala N.; Kupsal K.; Kummari R.; Galimudi R.K.; Gundapaneni K.K.; Tupurani M.A.; Suryadevera A.; Chinta S.K.; Manavathi B.; Hanumanth S.R.	Genotypic and haplotype analysis of Interleukin-6 and -18 gene polymorphisms in association with clinicopathological factors in breast cancer	2022	Cytokine	160		156024			10.1016/j.cyto.2022.156024
Sirisha G.	PROPERTIES OF COMPOUND RAYLEIGH LIFETIME DISTRIBUTION-II	2022	International Journal of Agricultural and Statistical Sciences	18	2		855	860	
Nakkala S.; Modak C.; Bathula R.; Lanka G.; Somadi G.; Sreekanth S.; Jain A.; Potlapally S.R.	Identification of new anti-cancer agents against CENTERIN: Structure-based virtual screening, AutoDock and binding free energy studies	2022	Journal of Molecular Structure	1270		133952			10.1016/j.molstruc.2022.133952
Chul R.; Bhatracharyulu N.Ch.; Jayasree G.	A BINO-BINOMIAL DERIVED POWER SERIES DISTRIBUTION	2022	International Journal of Agricultural and Statistical Sciences	18	2		875	879	

Ketavarapu V.; Ravikanth V.; Sasikala M.; Rao G.V.; Devi C.V.; Sripadi P.; Bethu M.S.; Amanchy R.; Murthy H.V.V.; Pandol S.J.; Reddy D.N.	Correction: Integration of metabolites from meta-analysis with transcriptome reveals enhanced SPHK1 in PDAC with a background of pancreatitis (BMC Cancer, (2022), 22, 1, (792), 10.1186/s12885-022-09816-6)	2022	BMC Cancer	22	1	825			10.1186/s12885-022-09920-7
Gugulothu R.; Bhalke S.; Lalkishore K.; Dasari R.	Design, Analysis and Validation of MCP Package for GaAs Monolithic Microwave Integrated Circuits Packaging	2023	IETE Journal of Research	69	11		8293	8306	10.1080/03772063.2022.2038704
Nageshwar L.; Parameshwar J.; Rahman P.K.S.M.; Banat I.M.; Hameeda B.	Anti-oxidative property of xylolipid produced by Lactococcus lactis LNH70 and its potential use as fruit juice preservative	2022	Brazilian Journal of Microbiology	53	4		2157	2172	10.1007/s42770-022-00837-8
Inapurapu S.P.; Pullakhandam R.; Bodiga S.; Yaduvanshi P.S.; Bodiga V.L.	Physicochemical studies of sunflower oil based vitamin D nanoemulsions	2023	Journal of Dispersion Science and Technology	44	8		1378	1388	10.1080/01932691.2021.2016440
Seekonda S.; Rani R.	Eco-friendly synthesis, characterization, catalytic, antibacterial, antidiabetic, and antioxidant activities of Embelia robusta seeds extract stabilized AgNPs	2022	Journal of Science: Advanced Materials and Devices	7	4	100480			10.1016/j.jsamd.2022.100480
Assefa A.; Srinivasulu C.	New altitudinal records and distribution of two endemic rodents of Ethiopia	2022	African Journal of Ecology	60	4		1352	1356	10.1111/aje.13021
Pandi A.; Mudavath L.; Kolloju P.	Computational Approach to Solving a Layered Behaviour Differential Equation with Large Delay Using Quadrature Scheme	2022	International Journal of Applied Mechanics and Engineering	27	4		117	137	10.2478/ijame-2022-0054
Pallavi R.; Rekha Rani K.; Shashikanth K.; Rajasekhar P.; Shashtri H.	Intricate flood flow advancement modelling in the krishna river sub basin, India	2023	ISH Journal of Hydraulic Engineering	29	2		199	208	10.1080/09715010.2021.2019134

Munigadiapa P.; Adilakshmi T.	MOOC-LSTM: The LSTM Architecture for Sentiment Analysis on MOOCs Forum Posts	2023	Lecture Notes on Data Engineering and Communications Technologies	142			283	293	10.1007/978-981-19-3391-2_21
Gongada S.R.; Chakravarthy M.; Mangu B.	Power system contingency classification using machine learning technique	2022	Bulletin of Electrical Engineering and Informatics	11	6		3091	3098	10.11591/eei.v1i16.4031
Kulkarni S.; Anurag T.; Hussain M.; Prasanna S.V.S.N.D.L.; Hari V.	Comparison of multi-objective and single objective calibration for SWAT model: a case study on Musi river basin, India	2023	ISH Journal of Hydraulic Engineering	29	5		714	721	10.1080/09715010.2022.2120369
Mamidala S.; Aravilli R.K.; Vaarla K.; Peddi S.R.; Gondru R.; Manga V.; Vedula R.R.	A Facile One-Pot, Three-Component Synthesis of a New Series of Thiazolyl Pyrazoles: Anticancer Evaluation, ADME and Molecular Docking Studies	2023	Polycyclic Aromatic Compounds	43	2		1332	1348	10.1080/10406638.2022.2027788
Srinivas Reddy G.; Vinay Kumar Reddy K.; Sreenivasa Reddy B.; Linga Reddy B.; Sreenath Reddy M.; Gopal Reddy C.; Yadagiri Reddy P.	Mapping of ambient gamma radiation levels and risk assessment in some parts of Eastern Deccan Plateau, India	2023	International Journal of Environmental Analytical Chemistry	103	17		5355	5367	10.1080/03067319.2021.1938020
Sabhavath A.K.; Madderla S.; Dharavath R.; Thumma V.; Thara G.; Gundu S.; Dongamanti A.	Synthesis of 1,2,3-Triazole-Containing 2,3-Dihydrofuran Derivatives, Evaluation of Anticancer Activity and Molecular Docking Studies	2022	ChemistrySelect	7	48	e202203847			10.1002/slct.202203847
Sumalatha E.; Hari kumar N.; Edukondalu A.; Ravinder D.	Effect of La <sup>3+</sup> ion doped Co-Zn nano ferrites: Structural, optical, electrical and magnetic properties	2022	Inorganic Chemistry Communications	146		110200			10.1016/j.inoch.2022.110200
Bharathi A.; Gosula R.S.R.	A Novel Compact Multiband Reconfigurable WLAN MIMO Antenna	2023	IETE Journal of Research	69	3		1466	1474	10.1080/03772063.2020.1869598

Sailaja C.V.S.S.; Prasad P.V.N.	Reliability evaluation of distribution system integrated with distributed generation	2022	Bulletin of Electrical Engineering and Informatics	11	6		3166	3175	10.11591/eei.v11i6.4534
Bairi S.; Alagarsamy V.; Shyam Sunder R.	Design, Synthesis and Anticancer Evaluation of Novel Bis-Thiazol-1,2,4-Triazine Hybrids Contained 1,3,4-Oxadiazoles	2023	Polycyclic Aromatic Compounds	43	8		7368	7380	10.1080/10406638.2022.2136213
Venkataiah S.; Abinav I.; Akhil K.	Design, modeling, analysis and fabrication of swiveling conveyor	2023	Materials Today: Proceedings	72			1720	1724	10.1016/j.matpr.2022.09.474
Muneem A.A.; Laxminarayana P.; Viqar Mohiuddin M.	Study of Rotating Arc Welding Process for Joining of Pipes: An In-Depth Review	2023	Lecture Notes in Mechanical Engineering				297	310	10.1007/978-981-19-5347-7_25
Gulla S.; Reddy M.C.; Reddy V.C.; Chitta S.; Bhanoori M.; Lomada D.	Role of thymus in health and disease	2023	International Reviews of Immunology	42	5		347	363	10.1080/08830185.2022.2064461
Bajpai A.; Jonnalagadda V.; Sridevi B.; Muthukottiappan P.; Jesudasan R.A.	Single-cell variations in the expression of codominant alleles A and B on RBC of AB blood group individuals	2022	Journal of Genetics	101	2	36			10.1007/s12041-022-01376-9
Gugulothu Y.; Anjaiah P.; Prashanthi M.; Utkoor U.K.	Ultra speed synthesis of carbon quantum dots (GCQDs) and Gold (GCQDs-Au) Nano composites, for the Catalytic reduction of MG Dye, Microbial activity and stability studies	2022	Applied Nanoscience (Switzerland)	12	12		3963	3981	10.1007/s13204-022-02626-z
Thupakula S.; Nimmala S.S.R.; Ravula H.; Chekuri S.; Padiya R.	Emerging biomarkers for the detection of cardiovascular diseases	2022	Egyptian Heart Journal	74	1	77			10.1186/s43044-022-00317-2

Babu A.; Supraja P.; Mishra S.; Kumar K.U.; Rakesh Kumar R.; Haranath D.; Thirmal C.; Raju N.; Rao T.V.; Balaji K.; Rajanikanth A.	Energy harvesting properties of the Nafion thin films	2022	Engineering Research Express	4	4	45015			10.1088/2631-8695/ac9e8c
Dhilip T.; Naik M.G.; Mudigonda A.	Residential Property Value Modeling using the Group Methods of Data Handling-Neural Network and Regression Analysis: A Case Study of GHMC, India	2022	International Journal of Intelligent Systems and Applications in Engineering	10	4		391	397	
Vankdothu R.; Hameed M.A.	Mining for Enthalpy-Based Average High-Utility Patterns with Tighter Upper Bounds	2023	SN Computer Science	4	1	41			10.1007/s42979-022-01460-y
Sinha R.K.; Kumar P.; Daniel A.; Shah H.; Sriswan R.; Kokane A.; Mohapatra A.; Kashyap V.; Goel A.K.; Kumar V.; Kiran A.; Arlappa N.; Joshi A.; Nayak R.R.; Sayal S.; de Wagt A.	Association between anthropometric criteria and body composition among children aged 6–59 months with severe acute malnutrition: a cross-sectional assessment from India	2022	BMC Nutrition	8	1	56			10.1186/s40795-022-00551-6
Mukkamula N.; Nagabhushanam B.; Imran Mir M.; Sreekanth D.; Kiran Kumar B.	GC–MS analysis of bioactive compounds in methanolic leaf extract of Maerua oblongifolia (Forssk.) A. Rich.	2023	Materials Today: Proceedings	79			24	29	10.1016/j.matpr.2022.08.063
Krishna K.R.; Rao C.V.G.	ETP-AKEP: enhanced three-party authenticated key exchange protocols for data integrity in cloud environments	2023	Journal of Control and Decision	10	1		126	133	10.1080/23307706.2022.2096707
Naga Lakshmi G.V.; Jaya Laxmi A.; Veeramsetty V.; Salkuti S.R.	Optimal Placement of Distributed Generation Based on Power Quality Improvement Using Self-Adaptive Lévy Flight Jaya Algorithm	2022	Clean Technologies	4	4		1242	1254	10.3390/cleantechnol4040076
Ramesh A.; Gavaskar D.S.; Nagaraju P.; Duvvuri S.; Vanjari S.R.K.; Subrahmanyam C.	Mn-doped ZnO microspheres prepared by solution combustion synthesis for room temperature NH3 sensing	2022	Applied Surface Science Advances	12		100349			10.1016/j.apsadv.2022.100349

Sony D.; Reddy D.K.; Kumar P.N.	Implementation of receiver autonomous integrity algorithm for fault detection of IRNSS	2022	Aerospace Systems	5	4		635	642	10.1007/s42401-022-00161-x
Shefali M.; Fatima K.; Uma Sathyakam P.	Frequency response analysis of CNT bundle interconnects	2023	International Journal of Electronics Letters	11	4		439	448	10.1080/21681724.2022.2117849
Mallikanti V.; Thumma V.; Veeranki K.C.; Gali S.; Pochampally J.	Synthesis, Cytotoxicity, Molecular Docking and ADME Assay of Novel Morpholine appended 1,2,3-Triazole Analogues	2022	ChemistrySelect	7	48	e202204020			10.1002/slct.202204020
Vankdothu R.; Hameed M.A.	Brain tumor MRI images identification and classification based on the recurrent convolutional neural network	2022	Measurement: Sensors	24		100412			10.1016/j.measen.2022.100412
Mallampati D.; Hegde N.P.	Feature Extraction and Classification of Email Spam Detection Using IMTF-IDF+SkipThought Vectors	2022	Ingenierie des Systemes d'Information	27	6		941	948	10.18280/isi.270610
Chanakya N.; Hema Madhuri J.; Devi C.S.; Prasad M.; Jagadeshwar V.; Upender G.	Effect of B2O3 and Li2O on vibrational, thermal and optical properties of 50Bi2O3-15PbO-(35-x)B2O3-xLi2O (0 ≤ x ≤ 25 mol%) glasses	2022	Optik	271		170109			10.1016/j.ijleo.2022.170109
Pulusu V.S.; Kamatala C.R.; Utkoor U.K.; Pasnoori S.; Muppa S.; Mardhanpally A.K.	Nano Co-Fe-prussian blue analogue as a reusable catalyst for the thiocyanation of aromatic and heteroaromatic compounds in presence of NH4SCN under acid free solvothermal and solvent free conditions	2023	Inorganic and Nano-Metal Chemistry	53	5		474	481	10.1080/24701556.2022.2078352
Meesala G.; Syeda A.H.; Varukolu M.; Tigulla P.	The Charge Transfer Complex between 2, 3-diamino-5-bromopyridine and Chloranilic acid: Preparation, Spectroscopic Characterization, DNA binding, and DFT/PCM analysis	2022	Journal of the Indian Chemical Society	99	12	100799			10.1016/j.jics.2022.100799

Manda K.; Kore R.; Ambapuram M.; Chetti P.; Roy S.; Jadhav V.D.; Babu S. N.; Gundla R.; Mitty R.; Pola S.	Benzodithiophene-Based, Donor–Acceptor–?–Donor–Acceptor Systems as Hole Transporting Materials for Efficient Perovskite Solar Cells	2022	ChemPhotoChem	6	12	e202200062			10.1002/cptc.202200062
Ashok D.; Thara G.; Kumar B.K.; Srinivas G.; Ravinder D.; Vishnu T.; Sarasija M.; Sushmitha B.	Microwave-assisted synthesis, molecular docking studies of 1,2,3-triazole-based carbazole derivatives as antimicrobial, antioxidant and anticancer agents	2022	RSC Advances	13	1		25	40	10.1039/d2ra05960f
Goudshelwar R.; Adimoolam B.M.; Lakhtakia S.; Thota J.R.; Sripadi P.; Rupula K.; Reddy D.N.; Sasikala M.	Alterations in the pH of pancreatic juice are associated with chymotrypsin C inactivation and lithostathine precipitation in chronic pancreatitis patients: a proteomic approach	2022	Clinical Proteomics	19	1	49			10.1186/s12014-022-09384-8
Sriramulu G.; Maramu N.; Praveena K.; Katlakunta S.	Effect of Cr <sup>3+</sup> –Al <sup>3+</sup> co-substitution on structural, magnetic and microwave absorption properties of Sr-hexaferrites	2022	Journal of Materials Science: Materials in Electronics	33	35		26113	26123	10.1007/s10854-022-09298-z
Ketavarapu V.; Ravikanth V.; Sasikala M.; Rao G.V.; Devi C.V.; Sripadi P.; Bethu M.S.; Amanchy R.; Murthy H.V.V.; Pandol S.J.; Reddy D.N.	Integration of metabolites from meta-analysis with transcriptome reveals enhanced SPHK1 in PDAC with a background of pancreatitis	2022	BMC Cancer	22	1	792			10.1186/s12885-022-09816-6
Sandhepogu Thomas L.C.; Sivan S.K.; Devarakonda A.P.; Berley S.	Equilibrium, DNA binding, docking, and antimicrobial studies of Ni(II) and Cu(II) chelates with 1-(4?-nitrobenzoyl)-3-thiosemicarbazide	2022	Applied Organometallic Chemistry	36	12	e6877			10.1002/aoc.6877
Reddy Peddi S.; Kundenapally R.; Kanth Sivan S.; Somadi G.; Manga V.	A pragmatic pharmacophore informatics strategy to discover new potent inhibitors against pim-3	2022	Structural Chemistry	33	6		2003	2021	10.1007/s11224-022-01949-5
Kumar R.; Zemková E.	The Effect of 12-Week Core Strengthening and Weight Training on Muscle Strength, Endurance and Flexibility in School-Aged Athletes	2022	Applied Sciences (Switzerland)	12	24	12550			10.3390/app122412550



Ali M.M.; Qaseem M.S.; Khan M.H.S.	Survey of Surveillance of Suspicious Behavior from CCTV Video Recording	2023	Lecture Notes in Networks and Systems	467			11	21	10.1007/978-981-19-2538-2_2
Kodide K.; Asadi P.; Thati J.	Solid-liquid equilibrium solubility prediction of sulfanilamide in four binary solvent mixtures by using pure solvents solubility data from 278.15 to 318.15 K with the Abraham solvation parameter model, Yalkowsky Log-Linear and extended log-linear solubility thermodynamic models	2022	Journal of Molecular Liquids	368		120634			10.1016/j.molliq.2022.120634
Yerrabelli J.R.; Porala S.; Kasireddy V.R.; Sony E.J.; Sagurthi S.R.	Design, synthesis, and activity of 2-aminochromone core N,N-bis-1,2,3-triazole derivatives using click chemistry	2022	Chemical Papers	76	12		7833	7846	10.1007/s11696-022-02449-w
Madhuri E.V.L.; Sarasija M.; Ashok D.	?-Cyclodextrin-catalyzed synthesis, characterization, and bacterial evaluation of spirochromanone-linked 1,2,3-triazole and spirochromanone conjugates containing bis-1,2,3-triazoles	2022	Journal of Heterocyclic Chemistry	59	12		2098	2107	10.1002/jhet.4545
Maheshwar Reddy Mettu; Reddy M.R.; Mallikarjun A.; Reddy M.V.; Reddy M.J.; Kumar J.S.	TiO <sub>2</sub> Added PMMA : PVDF-HFP : NaClO <sub>4</sub> Nanocomposite Solid Polymer Electrolyte and Its Application in Dye Sensitized Solar Cell	2022	Polymer Science - Series A	64	6		898	907	10.1134/S0965545X22700407
Perike N.; Edigi P.K.; Nirmala G.; Thumma V.; Bujji S.; Naikal P.S.	Synthesis, Anticancer Activity and Molecular Docking Studies of Hybrid Molecules Containing Indole-Thiazolidinedione-Triazole Moieties	2022	ChemistrySelect	7	47	e202203778			10.1002/slct.202203778
Mamindla A.K.; Ramadevi Y.	ANN-ABC META-HEURISTIC HYPER PARAMETER TUNING FOR MAMMOGRAM CLASSIFICATION	2022	Journal of Theoretical and Applied Information Technology	100	24		4869	4878	
Gazala Masood M.; Indhumathi C.; Malyadri P.; Mayi K.; Sumana B.K.; Phasinam K.	Evaluating the Performance of Deep Learning Methods and Its Impact on Digital Marketing	2023	Smart Innovation, Systems and Technologies	290			63	71	10.1007/978-981-19-0108-9_7

Bharathi A.; Ravi Shankar Reddy G.	A Right Hand Circularly Polarized Dual-Band Microstrip Antenna Array	2023	IETE Journal of Research	69	3		1578	1587	10.1080/03772063.2020.1871426
Nampally U.; Banoji V.; Aniseti R.	Efficient Synthesis of Substituted Aza-Anthraquinones via Michael Addition–Elimination and Intramolecular Cyclization Reactions under Mild Conditions and Their Fluorescent Properties	2023	Polycyclic Aromatic Compounds	43	4		3557	3567	10.1080/10406638.2022.2074475
Banu R.; Gangapuram B.; Ayodhya D.; Dadigala R.; Veerabhadram G.; Kotu G.M.	Biogenic Synthesis of Carboxymethyl Cashew Gum Modified Gold Nanoparticles and its Sensitive and Selective Colorimetric Detection of Hg <sup>2+</sup> Ions and Catalytic Reduction of Methyl Red	2023	Journal of Fluorescence	33	1		209	221	10.1007/s10895-022-03073-3
Sreeshobha E.; Swamy R.L.	Evaluation of insulated gate bipolar transistor valve converter based unified power flow controller reliability and efficiency	2022	International Journal of Power Electronics and Drive Systems	13	4		2348	2356	10.11591/ijpeds.v13.i4.pp2348-2356
Kumar C.P.; Rao E.S.; Sekhar P.C.	Temperature Dependent Analysis of Mixed CNT Bundle Interconnecting using Active Shielding Technique	2022	ECS Journal of Solid State Science and Technology	11	9	91013			10.1149/2162-8777/ac936f
Vahini N.S.; Bharath K.; Dasari R.K.; PandhariPande V.M.	Gain Enhancement of a Dual Band Antenna Using Energy Squeezing Mechanism of an ENZ Metamaterial	2022	International Journal of Microwave and Optical Technology	17	6		613	621	
Na Nongkhai M.P.; Huntula S.; Kumar R.; Narkkul U.	Effects of an online yoga program on anthropometric parameters among overweight female students during the COVID-19 pandemic	2022	Heliyon	8	9	e10661			10.1016/j.heliyon.2022.e10661
Srinivas E.; Lalu M.; Phaneendra K.	A numerical approach for singular perturbation problems with an interior layer using an adaptive spline	2022	Iranian Journal of Numerical Analysis and Optimization	12	2		355	370	10.22067/ijnao.2021.73813.1076

Bhogi A.; Srinivas B.; Papolu P.; Shareefuddin M.; Kistaiah P.	Effect of Mn <sup>2+</sup> ions on spectroscopic and electrical properties of lithium strontium borate glasses	2022	Materials Chemistry and Physics	291		126698			10.1016/j.matchemphys.2022.126698
Vankdothu R.; Hameed M.A.	Adaptive features selection and EDNN based brain image recognition on the internet of medical things	2022	Computers and Electrical Engineering	103		108338			10.1016/j.compeleceng.2022.108338
Samdani; Alharshan G.A.; Haritha L.; Sekhar K.C.; Alrowaili Z.A.; Olarinoye I.O.; Al-Buriah M.S.	Synthesis and characterization of the optical MgO-BaO-B <sub>2</sub> O <sub>3</sub> -TeO <sub>2</sub> -MnO <sub>2</sub> glass system	2022	Optik	267		169679			10.1016/j.ijleo.2022.169679
Kalyani B.; Pujari N.; Edukondalu A.; Reddy M.S.; Vardhani C.P.	AC Conductivity and dielectric relaxation in Li <sub>2</sub> O-PbO-As <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses	2022	Chinese Journal of Physics	79			141	150	10.1016/j.cjph.2022.07.007
Doneti R.; Pasha A.; Botlagunta M.; Heena S.K.; Mutyala V.V.V.P.; Pawar S.C.	Molecular docking, synthesis, and biological evaluation of 7-azaindole-derivative (7AID) as novel anti-cancer agent and potent DDX3 inhibitor:—an in silico and in vitro approach	2022	Medical Oncology	39	11	179			10.1007/s12032-022-01826-5
Meenakshi V.; Srinivas Reddy C.; Madhu M.; Naikoti K.	THE IMPACT OF THERMAL TRANSMISSION ON DARCY-FORCHHEIMER FLOW OF PRANDTL NANOFLUID OVER A CONVECTIVE STRETCHING SURFACE	2022	JP Journal of Heat and Mass Transfer	29			47	66	10.17654/0973576322043
Bhogi A.; Srinivas B.; Padmavathi P.; Venkataramana K.; Ganta K.K.; Shareefuddin M.; Kistaiah P.	Absorption spectrum fitting method (ASF), DASF method and structural studies of Li <sub>2</sub> O-SrO-B <sub>2</sub> O <sub>3</sub> -MnO quaternary glass system	2022	Optical Materials	133		112911			10.1016/j.optmat.2022.112911
Hazari S.; Tabassum U.; Siddiqui A.J.; Hazari S.; Ravindar A.; Mandal S.K.; Kumar S.; Mishra B.	Actinobacteria in natural product research: Avenues and challenges	2022	Role of Microbes in Industrial Products and Processes				171	193	10.1002/9781119901198.ch7

Ramana E.V.; Prasad N.V.; Ferreira N.M.; Mahajan A.; Bdikin I.; Valente M.A.; Essa F.A.; Saleh B.	Insights into improved ferroelectric and electrocaloric performance of Ba <sub>0.85</sub> Ca <sub>0.15</sub> Ti <sub>0.9</sub> Zr <sub>0.1</sub> O <sub>3</sub> thick films grown by the electrophoretic deposition	2022	Surfaces and Interfaces	33		102257			10.1016/j.surfin.2022.102257
Chavhan M.V.; Naidu M.R.; Jamakhandi H.	Artificial neural network and regression models for prediction of sewing thread consumption for multilayered fabric assembly at lockstitch 301 seam	2022	Research Journal of Textile and Apparel	26	4		343	358	10.1108/RJTA-09-2020-0103
Srinivas B.; Narasimha Chary M.; Shareefuddin M.	Effect of Alkaline earth oxides on the ionic conductivity of Boro-Tellurite glasses for solid state ion batteries	2022	Physica Scripta	97	10	105812			10.1088/1402-4896/ac9437
Raju C.H.N.; Reddy C.S.; Alyami A.M.; Eldin S.M.; Adnan; Asogwa K.K.; Pushpa D.; Dharmiah V.	MHD Eyring–Powell nanofluid flow across a wedge with convective and thermal radiation	2022	Frontiers in Energy Research	10		1021491			10.3389/fenrg.2022.1021491
Mohammad S.H.; Bhukya B.	Biotransformation of toxic lignin and aromatic compounds of lignocellulosic feedstock into eco-friendly biopolymers by <i>Pseudomonas putida</i> KT2440	2022	Bioresource Technology	363		128001			10.1016/j.biortech.2022.128001
Manokari M.; Badhepuri M.K.; Cokulraj M.; Rajput B.S.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	High-throughput in vitro propagation and evaluation of foliar micro-morpho-anatomical stability in <i>Musa acuminata</i> cv. 'Grand Nain' using 6-benzoyladenine (BOA) in the nutrient medium	2022	Scientia Horticulturae	304		111334			10.1016/j.scienta.2022.111334
Kalakonda P.; Banne S.; Kalakonda P.B.	Study of mechanical anisotropy of single walled carbon nanotube and polyvinyl alcohol polymer nanocomposite with a controlled alignment process	2022	Journal of Polymer Research	29	10	442			10.1007/s10965-022-03279-w
Egurla K.; Tadoori G.; Usha Kiran V.	Volatility in Sustainability Indices : Evidence From BSE as a Sustainable Stock Exchange	2022	Finance India	36	3		983	994	

Veenachary V.; Puli V.S.; Babu S.N.; Prasad G.; Prasad N.V.	Electrical and magnetic studies on promising Aurivillius intergrowth compound	2022	Journal of Materials Science: Materials in Electronics	33	28		22614	22627	10.1007/s10854-022-09039-2
Gorkanti S.; Dasari A.; Padma S.M.	Design, Synthesis, Characterization, Catalytic, Fluorometric Sensing, Antimicrobial and Antioxidant Activities of Schiff Base Ligand Capped AgNPs	2022	Journal of Fluorescence	32	6		2363	2378	10.1007/s10895-022-03026-w
Beeram H.; Siddamalla S.; Tumu V.R.; Veena K.V.; Vidala A.; Deenadayal M.; Sisinthy S.; Bhanoori M.	Genetic Variants of VDR and PGC-1? Are Not Associated with the Risk of Endometriosis in Indian Women	2022	DNA and Cell Biology	41	11		987	995	10.1089/dna.2022.0350
Saturi R.; Chand Parvataneni P.	Histopathology Breast Cancer Detection and Classification using Optimized Superpixel Clustering Algorithm and Support Vector Machine	2022	Journal of The Institution of Engineers (India): Series B	103	5		1589	1603	10.1007/s40031-022-00745-3
Rasool A.; Kanagaraj T.; Mir M.I.; Zulfajri M.; Ponnusamy V.K.; Mahboob M.	Green coalescence of CuO nanospheres for efficient anti-microbial and anti-cancer conceivable activity	2022	Biochemical Engineering Journal	187		108464			10.1016/j.bej.2022.108464
Harikrishna S.; Sriram K.	Type-B QPOs in the black hole source H1743-322 and their association with Comptonization region and Jet	2022	Monthly Notices of the Royal Astronomical Society	516	4		5148	5164	10.1093/mnras/stac2527
Edukondal A.; Duvva L.K.; Ramu M.; Harikrishna G.; Muralidhar M.	Hydrogeochemical characteristics of groundwater uses for agricultural and drinking and groundwater quality of pollution index in the western part of Telangana, South India	2022	Environmental Science and Pollution Research	29	48		72344	72365	10.1007/s11356-022-18517-3
kumar N.H.; Ravinder D.; Edukondalu A.	Synthesis, structural, antimicrobial activity and dielectric properties of Ce <sup>3+</sup> -doped Ni-Zn nanoferrites	2022	Applied Physics A: Materials Science and Processing	128	11	978			10.1007/s00339-022-06096-6

Gade R.; Basude M.; Simhachalam N.B.; Rama Devi V.; Pola S.; Chetti P.	Synthesis of titanates for photomineralization of industrial wastewater and organic pollutants	2022	Environmental Science: Water Research and Technology	382					10.1039/d2ew00469k
Chaya P.; Seetharam D.S.	Prosopis juliflora (Sw.) DC. - A potential source of nectar for the honey bees of Warangal district of Telangana state, South India	2022	Journal of Entomological Research	46	3		615	619	10.5958/0974-4576.2022.00106.2
Kumar K.K.; Sujatha S.; Skarka W.; Monfort O.	An innovative hybrid biosorbent composed of nano ZnO and marine macro algae Jania rubens embedded in an alginate/PVA matrix: insights into Pb <sup>2+</sup> removal in water	2022	New Journal of Chemistry	47	1		373	383	10.1039/d2nj04896e
Gugulothu R.; Bhalke S.; Lalkishore K.; Dasari R.	Package Modeling and Characterization of C-Band 10-Watt High-Power Amplifier Monolithic Microwave Integrated Circuit used in High-Reliability Applications	2022	Journal of The Institution of Engineers (India): Series B	103	5		1677	1685	10.1007/s40031-022-00769-9
Kumari S.A.; Patlolla A.K.; Madhusudhanachary P.	Biosynthesis of Silver Nanoparticles Using Azadirachta indica and Their Antioxidant and Anticancer Effects in Cell Lines	2022	Micromachines	13	9	1416			10.3390/mi13091416
Swamy M.K.; Bhaskar K.	Synthesis and Anticancer Activity of Novel Carbohydrazide and Carboxamide Derivatives of Pyridine Fused Heterocyclic Derivatives	2022	Asian Journal of Chemistry	34	10		2683	2687	10.14233/ajchem.2022.23875
Dwivedi S.K.; Pandey O.P.; Tripathi P.; Jafri S.H.; Sarma D.S.; Rao A.N.; Kanakdande P.; Parthasarathy G.	Petrogenesis of Bonai volcanic rocks from Singhbhum Craton (Eastern India): Geophysical and geodynamic implications for pervasive plume-lithospheric interaction	2022	Geosystems and Geoenvironment	1	4	100040			10.1016/j.geogeo.2022.100040
Ravi E.; Upendra Kumar M.	A COMPARATIVE STUDY ON MACHINE LEARNING AND DEEP LEARNING METHODS FOR MALWARE DETECTION	2022	Journal of Theoretical and Applied Information Technology	100	20		6117	6129	

GangaReddy K.; Nagaraju P.; Reddy G.L.N.; Ghosal P.; Reddy M.V.R.	Growth and characterization of electron beam evaporated NiO thin films for room temperature formaldehyde sensing	2022	Sensors and Actuators A: Physical	346		113876			10.1016/j.sna.2022.113876
Noami A.; Kumar Pradeep B.; Sekhar Paidimarry C.	Power Optimization For Multi-Core Memory Controller Using Intelligent Clock Gating Technique	2022	Journal of Electrical and Electronics Engineering	15	2		129	137	
Rawoof M.A.S.; Rameshwar Y.	Finite Amplitude Cellular Thermohaline Convection	2022	Journal of Heat Transfer	144	11	112602			10.1115/1.4055346
Shruthi J.; Jayababu N.; Reddy M.V.R.	Ag:Y2O3-SnO2 core-shell-based nanostructured sensor for achieving high ammonia sensing performance	2022	Applied Physics A: Materials Science and Processing	128	11	999			10.1007/s00339-022-06142-3
Palraj J.; Moorthy M.; Katlakunta S.; Perumal S.	Isovalent Bi substitution induced low thermal conductivity and high thermoelectric performance in n-type InSb	2022	Ceramics International	48	19		29284	29290	10.1016/j.ceramint.2022.05.282
Chiranjeevi P.; Sriram K.	Anticorrelated lags in a neutron star Z source GX 5-1: AstroSat's View	2022	Monthly Notices of the Royal Astronomical Society	516	2		2500	2513	10.1093/mnras/stac2319
Gandhi A.C.; Chiu H.-H.; Ho M.-K.; Hsu T.-E.; Li T.-Y.; Wu Y.-H.; Kumar B.V.; Reddy P.M.; Lin B.-H.; Cheng C.-L.; Wu S.Y.	Modulation of Magnetic and Luminescence Properties via Control Cu-Doped in CdWO4 Nanorods for Photocatalytic Applications	2022	ACS Applied Nano Materials	5	10		14811	14823	10.1021/acsnm.2c03092
Raju N.; Uday Kumar K.; Sreenath Reddy M.; Gopal Reddy C.; Yadagiri Reddy P.; Raghavendra Reddy V.	Magnetic and spin-phonon coupling studies of magneto-electric SrFe8Co2Ti2O19 M-type hexaferrite	2022	Journal of Magnetism and Magnetic Materials	562		169868			10.1016/j.jmmm.2022.169868

Ahmed S.; Srinivas B.; Samdani; Shareefuddin M.	A comparative study on the physical and spectral (optical, EPR and FTIR) properties of NaF-CdO-B2O3 and KF-CdO-B2O3 glass systems doped with manganese ions	2022	Journal of Non-Crystalline Solids	594		121789			10.1016/j.jnoncrsol.2022.121789
Brahmaiah D.; Bhavani A.K.D.; Aparna P.; Kumar N.S.; Solhi H.; Le Guevel R.; Baratte B.; Robert T.; Ruchaud S.; Bach S.; Jadav S.S.; Reddy C.R.; Mosset P.; Gouault N.; Levoine N.; Grée R.	Structure Activity Relationship Studies around DB18, a Potent and Selective Inhibitor of CLK Kinases	2022	Molecules	27	19	6149			10.3390/molecules27196149
Deepika M.; Tella S.; Avvari S.; Pratibha N.; Ananthapur V.	A Rare Case of Dymorphism with Duplication in Chromosome 22	2022	Indian Journal of Clinical Biochemistry	37	4		504	506	10.1007/s12291-020-00945-y
Malathi N.; Kumar M.	A novel optimized intelligent green signal timing system for urban corridor	2022	Concurrency and Computation: Practice and Experience	34	26	e7284			10.1002/cpe.7284
Moorthy M.; Palraj J.; Kannan L.; Katlakunta S.; Perumal S.	Structural, microstructural, magnetic, and thermoelectric properties of bulk and nanostructured n-type CuFeS2 Chalcopyrite	2022	Ceramics International	48	19		29039	29048	10.1016/j.ceramint.2022.04.287
Aher R.R.; Reddy P.S.; Bhunia R.K.; Flyckt K.S.; Shankhapal A.R.; Ojha R.; Everard J.D.; Wayne L.L.; Ruddy B.M.; Deonovic B.; Gupta S.K.; Sharma K.K.; Bhatnagar-Mathur P.	Loss-of-function of triacylglycerol lipases are associated with low flour rancidity in pearl millet [Pennisetum glaucum (L.) R. Br.]	2022	Frontiers in Plant Science	13		962667			10.3389/fpls.2022.962667
Sharma K.K.; Palakolanu S.R.; Bhattacharya J.; Shankhapal A.R.; Bhatnagar-Mathur P.	CRISPR for accelerating genetic gains in under-utilized crops of the drylands: Progress and prospects	2022	Frontiers in Genetics	13		999207			10.3389/fgene.2022.999207
Ravi G.; Anjaneyulu K.; Himabindu M.; Midde S.	Green synthesis and antimicrobial activity of 1,3-diaryl pyrazole based chalcone derivatives	2022	Research Journal of Chemistry and Environment	26	10		172	174	10.25303/2610rjce1720174



Chikoti S.; Najiya U.; Sumanlatha G.; Jahan P.	Cytokine gene variants of TNF- $\alpha$ and IL-10 in the propensity of type 2 diabetes in south Indian population	2022	Journal of Diabetes and its Complications	36	10	108304			10.1016/j.jdiacomp.2022.108304
Sadasivaiah B.; Ramakrishna A.; Prasad K.; Devi N.S.; Rao N.B.	Euphorbia telanganensis (Euphorbiaceae), a new species from Eastern Ghats of Telangana, India	2022	Phytotaxa	572	3		283	288	10.11646/phytotaxa.572.3.7
Premalatha K.; Padma B.; Shashikala V.	An Efficient Fluoride Ions Removal from Groundwater by Carbon Alumina Composites Materials	2022	Asian Journal of Chemistry	34	10		2697	2702	10.14233/ajchem.2022.23953
Manjula K.; Ashok B.; Krishnamurthy G.K.; Hariram N.; Narsimlu N.; Varada R.A.; Srinivas C.H.	Nanocomposite cotton fabrics with in situ formed copper nanoparticles using citrus lemon leaf extract as reducing agent	2022	Indian Journal of Chemical Technology	29	6		760	765	10.56042/ijct.v29i6.67351
Nakirekanti M.; Hemalatha Y.	Embedded and RF switchable ultra-wide band filter bank architecture for radar applications	2022	International Journal of Information Technology (Singapore)	14	6		3155	3163	10.1007/s41870-022-01061-1
Jyothi P.; Sumalatha V.; Rajitha D.	Cobalt (II) complexes with N-methyl thio semicarbazide Schiff bases: Synthesis, spectroscopic investigation, cytotoxicity, DNA binding and incision, anti-bacterial and anti-fungal studies	2022	Inorganic Chemistry Communications	145		110029			10.1016/j.inoch.2022.110029
Goud S.; Venkatesh N.; Ravi Kumar D.; Barapati S.; Veerasomaiah P.	Study of structural, optical, photocatalytic, electromagnetic, and biological properties Co <sub>0.75</sub> Mg <sub>0.25</sub> CexFe <sub>2-x</sub> O <sub>4</sub> of Mg-Co nano ferrites	2022	Inorganic Chemistry Communications	145		109969			10.1016/j.inoch.2022.109969
Dasari S.G.; Nagaraju P.; Yelsani V.; Ramana Reddy M.V.	Mesoporous sieve structured ITO-based thin films for enhanced formaldehyde detection	2022	Journal of Materials Science: Materials in Electronics	33	30		23447	23467	10.1007/s10854-022-09106-8

Rajasheker G.; Nagaraju M.; Varghese R.P.; Jalaja N.; Somanaboina A.K.; Singam P.; Ramakrishna C.; Penna S.; Sreenivasulu N.; Kishor P.B.K.	Identification and analysis of proline-rich proteins and hybrid proline-rich proteins super family genes from Sorghum bicolor and their expression patterns to abiotic stress and zinc stimuli	2022	Frontiers in Plant Science	13		952732			10.3389/fpls.2022.952732
Veerabhadra Rao K.; Ramesh C.; Devi S.S.; Ashok P.; Guntu R.K.; Bhikshamaiah G.; Appa Rao B.	Irradiative thermoluminescence, and defect center analysis in Ni <sup>2+</sup> ionic CaAl <sub>2</sub> SiO <sub>6</sub> glass lattice	2022	Journal of Physics and Chemistry of Solids	170		110938			10.1016/j.jpics.2022.110938
Kumar S.; Baggi T.R.; Al-Zughaibi T.	Forensic toxicological and analytical aspects of carbamate poisoning – A review	2022	Journal of Forensic and Legal Medicine	92		102450			10.1016/j.jflm.2022.102450
Bindu G.H.; Sunku M.; Ramaswamy K.; Srilekha P.; Veerasomaiah P.; Vithal M.	Effect of Ag <sup>+</sup> , Cu <sup>2+</sup> and Sn <sup>2+</sup> Doping on Structural, Optical and Photocatalytic Properties of KGe <sub>0.5</sub> Te <sub>1.5</sub> O <sub>6</sub> with Defect Pyrochlore Structure	2022	ChemistrySelect	7	36	e202202780			10.1002/slct.202202780
Gavaskar D.S.; Nagaraju P.; Reddy M.V.R.	Investigations on RuO <sub>2</sub> -In <sub>2</sub> O <sub>3</sub> nanostructured porous composite thin films for benzene detection	2022	Microporous and Mesoporous Materials	345		112247			10.1016/j.micro-meso.2022.112247
Shyamala N.; Kongettira C.L.; Puranam K.; Kupsal K.; Kummari R.; Padala C.; Hanumanth S.R.	In silico identification of single nucleotide variations at CpG sites regulating CpG island existence and size	2022	Scientific Reports	12	1	3574			10.1038/s41598-022-05198-8
Sandeep A.; Ganesh G.; Swathi S.; Rajesh N.; Sreelatha M.; Prasanna Kumari K.N.; Brahmanandam B.; Rapaka S.C.B.; Ravinder D.; Shanker J.; Naini P.K.	Synthesis, structural, magnetic and optical studies of Eu doped Ni-Zn nano ferrites	2022	Ceramics International	48	19		29493	29501	10.1016/j.ceramint.2022.07.071
Rajeshwari K.; Vasantha P.; Kumar B.S.; Lakshmi P.V.A.	Nickel-Metformin Ternary Complexes: Geometrical, Thermal, DNA Binding, and Molecular Docking Studies	2022	Biological Trace Element Research	200	12		5351	5364	10.1007/s12011-022-03100-1

Syeda R.; Laxminarayana P.; Nagaveni T.; Ahmed N.	Tribological Characterization of Stir-Cast Hybrid Magnesium Composite Reinforced with Zirconium, Garnet and Graphite Particulates	2022	AIP Conference Proceedings	2648		30019			10.1063/5.0114650
Yagnasri P.; Seetharamaiah N.; Pantangi U.S.	Experimental Investigation of Nickel Ferrite (NiFe <sub>2</sub> O <sub>4</sub> )-Based Nano-magnetorheological Fluid Characteristics Using MR Damper Under Triangular Displacement Excitation	2022	Journal of Vibration Engineering and Technologies	10	7		2823	2832	10.1007/s42417-022-00522-y
Barapati S.; Mucherla R.; Gade R.; Somaiah P.V.	Photodegradation of Rhodamine B and Crystal Violet using Al-doped Co-Mn nanoferrites and dielectric study	2022	Journal of Materials Science: Materials in Electronics	33	33		25139	25152	10.1007/s10854-022-09219-0
Rani G.S.; Chakravarthy M.; Mangu B.	A novel voltage stability index and application of machine learning algorithm for assessment of voltage stability	2022	Applied Artificial Intelligence (AI) to Green Power Technology				221	249	
Sridher T.; Sarma A.D.; Kumar P.N.	Performance Evaluation of Onboard Wi-Fi Module Antennas in Terms of Orientation and Position for IoT Applications	2022	International Journal of Engineering, Transactions A: Basics	35	10		1918	1928	10.5829/ije.2022.35.10a.11
Varluvathu A.; Vaarla K.; Kesharwani R.K.; Leelavathi P.	An Efficient One Pot Multicomponent Synthesis of Dihydro Pyrazolyl Bisthiazole Derivatives as Potential Anticancer Agents and their Molecular Docking Studies	2022	Asian Journal of Chemistry	34	10		2717	2724	10.14233/ajchem.2022.23984
Nitnavare R.; Bhattacharya J.; Thongmee S.; Ghosh S.	Photosynthetic microbes in nanobiotechnology: Applications and perspectives	2022	Science of the Total Environment	841		156457			10.1016/j.scitotenv.2022.156457
Reddy G.S.; Rao A.V.; Keshavulu M.; Viswanath I.V.K.; Laxminarayana E.	Design, Synthesis, and Biological Evaluation of Fluoroquinolones Linked to 4-Thiazolidinone Moieties as Potent Antimicrobial Agents: Docking Analysis	2022	Russian Journal of General Chemistry	92	9		1749	1760	10.1134/S1070363222090171

Navaneetha K.; Basava Rao V.V.	FORMULATION AND EVALUATION OF SOLID-SUPERSATURABLE-SNEDDS OF IBRUTINIB	2022	International Journal of Applied Pharmaceutics	14	5		161	169	10.22159/ijap.2022v14i5.45067
Prasad B.; Ramachandram S.	Prevention and Detection Mechanisms for Re-Entrancy Attack and King of Ether Throne Attack for Ethereum Smart Contracts	2022	Ingenierie des Systemes d'Information	27	5		725	735	10.18280/isi.270505
Mullaguri S.C.; Akula S.; Ashireddygari V.R.; Sahoo P.S.; Burra V.L.S.P.; Silveri R.; Mupparapu V.; Korikani M.; Amanchi N.R.; Subramanian J.; Kancha R.K.	Estimated sensitivity profiles of lung cancer specific uncommon BRAF mutants towards experimental and clinically approved kinase inhibitors	2022	Toxicology and Applied Pharmacology	453		116213			10.1016/j.taap.2022.116213
Padmalatha T.S.R.V.; Nagaveni T.; Saraswathamma K.; Dinesh Kumar Reddy T.; Raval O.	Optimization of Die Sink EDM Process Parameters for the Titanium Alloys Ti6Al4V & Ti5553	2022	AIP Conference Proceedings	2648		30021			10.1063/5.0124457
Raja Kumari C.; Kakarla H.K.; Subbarao K.	Estimation of intrapulse modulation parameters of LPI radar under noisy conditions	2022	International Journal of Microwave and Wireless Technologies	14	9		1177	1194	10.1017/S1759078721001537
Kishore Kumar M.; Jaya Prakash D.; Basava Rao V.V.	CHITOSAN NANOBUBBLES DEVELOPMENT AND EVALUATION FOR THE DELIVERY OF SUNITINIB-AN ANTICANCER AGENT	2022	International Journal of Applied Pharmaceutics	14	6		58	67	10.22159/ijap.2022v14i6.45821
Mudigonda A.; Gopal Naik M.; Dhilip T.	Sustainable Construction Supply Chain Management in India, an Industry Perspective	2022	International Journal of Intelligent Systems and Applications in Engineering	10	3		437	443	
Rodney J.D.; Deepapriya S.; Das S.J.; Robinson M.C.; Perumal S.; Katlakunta S.; Sivakumar P.; Jung H.; Raj C.J.	Boosting overall electrochemical water splitting via rare earth doped cupric oxide nanoparticles obtained by co-precipitation technique	2022	Journal of Alloys and Compounds	921		165948			10.1016/j.jallcom.2022.165948

Vinod G.; Rajashekhar K.; Sandeep Y.; Laxman Naik J.	Influence of RE-Gd <sup>3+</sup> ion substitution on structure, morphology, optical, and magnetic analysis of Cu-Cd based nano ferrites synthesized by low-temperature citrate sol-gel auto combustion method	2022	Journal of Magnetism and Magnetic Materials	562		169772			10.1016/j.jmm.2022.169772
Sastri M.V.S.S.; Rao K.J.; Bhikshma V.	Evaluation of the Shear Strength Design Equations for Slender and Non-Slender RC Beams Admixed with Recycled Concrete Aggregate without Web Reinforcement	2022	AIP Conference Proceedings	2516		60002			10.1063/5.0108418
Jeripotula P.R.; Naik B.R.; Mudavath R.	A Novel Hybrid Weighted Method-Based Beamforming for Sidelobe Level Reduction in Radar Applications	2022	Arabian Journal for Science and Engineering	47	11		14133	14145	10.1007/s13369-022-06656-1
Satheesh Goud J.; Narsimlu N.	Synthesis and characterization of Fe <sub>2</sub> O <sub>3</sub> nanoparticles incorporated PVA nanocomposite films	2022	Indian Journal of Chemical Technology	29	6		737	744	10.56042/ijct.v29i6
Nirish M.; Rajendra R.	Selective Laser Melting Process Parameter Simulation and Topology Optimization by Aerospace Component of AlSi10Mg Alloy	2022	AIP Conference Proceedings	2648		20019			10.1063/5.0117391
Reddy T.R.; Reddy M.R.; Subrahmanyam A.R.; Kumar J.S.; Reddy M.M.	INVESTIGATION ON STRUCTURAL, MORPHOLOGICAL, THERMAL AND OPTICAL PROPERTIES OF BLEND PPY-PVA THIN FILMS DOPED WITH NANO TiO <sub>2</sub> PARTICLES	2022	Rasayan Journal of Chemistry	15	4		2387	2393	10.31788/RJC.2022.1548004
Nalvothula R.; Challa S.; Peddireddy V.; Merugu R.; Rudra M.P.P.; Alataway A.; Dewidar A.Z.; Elansary H.O.	Isolation, Molecular Identification and Amino Acid Profiling of Single-Cell-Protein-Producing Phototrophic Bacteria Isolated from Oil-Contaminated Soil Samples	2022	Molecules	27	19	6265			10.3390/molecules27196265
Madhuri C.; Venkataramana K.; Ramesh S.; Shanker J.; Reddy C.V.	Investigation of Triple-doped Ceria-Based Composite Materials for LT-SOFC Applications	2022	Journal of Electronic Materials	51	10		5908	5918	10.1007/s11664-022-09850-x

Nagaraj P.; Krishna Prasad A.V.; Venkata Dass M.; Kumar K.R.	SWINE FLU HOTSPOT PREDICTION IN REGIONS BASED ON DYNAMIC HOTSPOT DETECTION ALGORITHM	2022	Journal of Theoretical and Applied Information Technology	100	22		6535	6544	
Maddikayala S.; Bengi K.; Pulimamidi S.R.	DNA interaction, molecular dynamics simulation, molecular docking, biological, in vivo anti-inflammatory and thermal studies of o-hydroxyacetophenone and 2-fluoroaniline Schiff base complexes	2022	Applied Organometallic Chemistry	36	10	e6839			10.1002/aoc.6839
Mallikarjun A.; Siva Kumar J.; Sreekanth T.; Mahendrakar S.; Mettu M.R.; Vikranth Reddy M.; Jaipal Reddy M.	Investigation of conductivity, SEM, XRD studies of Mg <sup>2+</sup> -ion based TiO <sub>2</sub> nanocomposite PVDF-HFP polymer electrolyte and application in a dye sensitized solar cell	2022	Journal of Polymer Engineering	42	10		924	935	10.1515/polyeng-2021-0306
Saragih I.D.; Tarihoran D.E.T.A.U.; Rasool A.; Saragih I.S.; Tzeng H.-M.; Lin C.-J.	Global prevalence of stigmatization and violence against healthcare workers during the COVID-19 pandemic: a systematic review and meta-analysis	2022	Journal of Nursing Scholarship	54	6		762	771	10.1111/jnu.12794
Shekunti R.K.; Tangalipalli S.; Dhonthulachitty C.; Kothakapu S.R.; Annapurna P.D.; Neella C.K.	N-Benzoyl-4-dimethylaminopyridinium Chloride: A Lewis Base Adduct for Efficient Poly and Monobenzoylation	2022	ChemistrySelect	7	41	e202202636			10.1002/slct.202202636
Rao K.V.; Madhu M.; Ashok P.; Kumar G.A.; Guntu R.K.	Radiation Shielding, EPR, and TL Mechanism in Cr <sup>3+</sup> : Ba(La) <sub>2</sub> SiO <sub>6</sub> Glass Ceramics	2022	Silicon	14	15		9887	9899	10.1007/s12633-022-01731-6
Radha E.; Komaraiah D.; Sayanna R.; Sivakumar J.	Influence of dysprosium ions on structural, optical, luminescence properties and photocatalytic ability of spin coated dysprosium ions doped TiO <sub>2</sub> thin films	2022	Thin Solid Films	761		139519			10.1016/j.tsf.2022.139519
Gadde S.; Poda S.; Addala L.	A Comparative Study of Lipid Profile in Oral Squamous Cell Carcinoma (OSCC Cases and Controls.	2022	Current Trends in Biotechnology and Pharmacy	16	4		429	444	10.5530/ctbp.2022.4.77

Bairi S.; Veerachamy A.; Rachamalla S.S.	Design, synthesis and biological evaluation of aryl 1,3-oxazole-oxazolo[4,5-b]pyridin-2-yl)benzo[d]thiazol-6-yl)thiazole-2-carboxamides as anticancer agents	2022	Chemical Data Collections	40		100883			10.1016/j.cdc.2022.100883
Rajashekhar K.; Vinod G.; Mahesh Kumar K.; Naik J.L.	Impact of erbium (Er) doping on the structural and magnetic properties of Ni-Cu (Ni <sub>0.1</sub> Cu <sub>0.9</sub> Fe <sub>2</sub> O <sub>4</sub> ) nanoferrites	2022	Journal of Magnetism and Magnetic Materials	555		169323			10.1016/j.jmmm.2022.169323
Gugulothu R.; Sanke N.	Effect of helical baffles and water-based Al <sub>2</sub> O <sub>3</sub> , CuO, and SiO <sub>2</sub> nanoparticles in the enhancement of thermal performance for shell and tube heat exchanger	2022	Heat Transfer	51	5		3768	3793	10.1002/htj.22474
Devarapalli S.P.; Jagirdar R.; Gundeboina V.K.; Thomas V.S.; Mynampati S.R.	Probing TYC 3315-1807-1, An sdB+dM Binary Displaying Strong Period Variation and Reflection Effect	2022	Astronomical Journal	164	1	11			10.3847/1538-3881/ac6f07
Venkateswarlu K.; Kumar K.S.; Reddy S.R.	Current Opinion on Base Influenced Organic Transformations	2022	Current Organic Chemistry	26	13		1235	1236	10.2174/138527282613221027161544
Talakayala A.; Mekala G.K.; Reddy M.K.; Ankanagari S.; Garlandinne M.	Manipulating resistance to mungbean yellow mosaic virus in greengram (Vigna radiata L): Through CRISPR/Cas9 mediated editing of the viral genome	2022	Frontiers in Sustainable Food Systems	6		911574			10.3389/fsufs.2022.911574
Kusuma M.P.; Mogili M.N.S.	Formulation and Development of $\beta$ -glucan Hydrogel using Design of Experiments (DOE)	2022	International Journal of Drug Delivery Technology	12	3		1266	1274	10.25258/ijddt.12.3.56
Barmukh R.; Roorkiwal M.; Garg V.; Khan A.W.; German L.; Jaganathan D.; Chitikineni A.; Kholova J.; Kudapa H.; Sivasakthi K.; Samineni S.; Kale S.M.; Gaur P.M.; Sagurthi S.R.; Benitez-Alfonso Y.; Varshney R.K.	Genetic variation in CaTIFY4b contributes to drought adaptation in chickpea	2022	Plant Biotechnology Journal	20	9		1701	1715	10.1111/pbi.13840

Bima A.I.; Elsamanoudy A.Z.; Alamri A.S.; Felimban R.; Felemban M.; Alghamdi K.S.; Kaipa P.R.; Elango R.; Shaik N.A.; Banaganapalli B.	integrative global co-expression analysis identifies key microRNA-target gene networks as key blood biomarkers for obesity	2022	Minerva Medica	113	3		532	541	10.23736/S0026-4806.21.07478-4
Kumar C.A.; Ashwini J.; Archana G.L.; Laxmi S.V.; Garige A.K.; Chandupatla V.; Haque M.A.; Khan S.L.	TRANSDERMAL PATCHES FOR THE TREATMENT OF ANGINA PECTORIS: AN EFFECTIVE DRUG DELIVERY SYSTEM-A REVIEW	2022	International Journal of Applied Pharmaceutics	14	4		115	125	10.22159/ijap.2022v14i4.44623
Nagaraju R.; Haritha L.; Sekhar K.C.; Shareefuddin M.; Lalitha G.; Kumar K.V.	Study of mixed heavy metal fluoride bismuth borate glasses for optical applications	2022	Journal of Materials Science: Materials in Electronics	33	18		14397	14408	10.1007/s10854-022-08363-x
Datta M.; Guillaud M.; Chaitanya N.; Ndv S.; Palat G.; Kumari P.; Rapelli V.; Jn J.; Kumari S.; Broughton S.; Sutcliffe S.; Laronde D.M.	Use of DNA image cytometry in conducting oral cancer screening in rural India	2022	Cytopathology	33	5		600	610	10.1111/cyt.13159
Pradeep P.; Jaya Sankar K.; Chandra Sekhar P.	A Compact Semi-circular Slot MIMO Antenna with Enhanced Isolation for Sub-6 GHz 5G WLAN Applications	2022	Wireless Personal Communications	125	4		3683	3698	10.1007/s11277-022-09730-x
Maddu J.; Karrolla B.; Shaik R.U.; Burdhuos-Nergis D.-P.	SWOT Analysis of Electrical Discharge Coatings: A Case Study of Copper Coating on Titanium Alloy	2022	Surfaces	5	2		290	307	10.3390/surface5020021
Narshimha C.; Sessa Sai V.V.; Reddy U.V.B.; Vijaya Kumar T.; Babu E.V.S.S.K.; Sreenivas B.; Subramanyam K.S.V.	Geochemistry and new zircon U-Pb geochronology of Mesoproterozoic Punugodu granite pluton, SE India: implications for anorogenic magmatism along the western margin of Nellore Schist Belt, India	2022	Geological Magazine	159	6		904	924	10.1017/S0016756822000073
Mettu M.R.; Mallikarjun A.; Reddy M.J.; Kumar J.S.	INVESTIGATION OF PMMA AND PVdF-HFP WITH NaClO <sub>4</sub> POLYMER BLEND ELECTROLYTE SYSTEM-APPLICATION TO AN ELECTROCHEMICAL CELL	2022	Rasayan Journal of Chemistry	15	3		2188	2196	10.31788/RJC.2022.1536956



Kumar K.S.; Gugulothu K.; Reddy S.R.; Venkateswarlu K.	A Critical Review on Recent Advances in Base-Assisted Smiles Rearrangement	2022	Current Organic Chemistry	26	13		1303	1310	10.2174/1385272826666220509143140
Amar N.; Kishan N.; Shankar Goud B.	MHD heat transfer flow over a moving wedge with convective boundary conditions with the influence of viscous dissipation and internal heat generation/absorption	2022	Heat Transfer	51	6		5015	5029	10.1002/htj.22534
Levojn N.; Murthy A.V.R.; Narendar V.; Kumar N.S.; Aparna P.; Bhavani A.K.D.; Reddy C.R.; Mosset P.; Grée R.	Discovery of potent dual ligands for dopamine D4 and $\alpha$ 1 receptors	2022	Bioorganic and Medicinal Chemistry	69		116851			10.1016/j.bmc.2022.116851
Srinivasulu C.; Kumar G.C.	A checklist of herpetofauna of Telangana state, India	2022	Journal of Threatened Taxa	14	6		21266	21281	10.11609/jott.7360.14.6.21266-21281
Prasad M.; Rajarajeswari D.; Aruna P.; Ramalingam K.; Viswakumar R.; Fathima N.; Vishwakarma S.K.; Khan A.A.	Status of Vitamin D Receptor Gene Polymorphism and 25-Hydroxy Vitamin D Deficiency with Essential Hypertension	2022	Indian Journal of Clinical Biochemistry	37	3		335	341	10.1007/s12291-021-00984-z
Kareem M.M.; Lakshmi G.V.	Green Synthesis of Copper Nanoparticles and Evaluation of its Antioxidant and Antibacterial Efficacy	2022	Asian Journal of Chemistry	34	7		1703	1710	10.14233/ajchem.2022.23660
Gajula P.; Palakurthy K.; Kusuma S.	PHARMACOGNOSTIC STUDIES ON LEAVES OF GYMNANTHEMUM AMYGDALINUM WITH SPECIAL REFERENCE TO A NEW ADDITION TO THE FLORA OF SOUTH INDIA	2022	Indian Drugs	59	6		37	46	10.53879/id.59.06.13008
Vijetha K.; Rajendra Naik B.	Low power low area VLSI implementation of adaptive FIR filter using DA for decision feed back equalizer	2022	Microprocessors and Microsystems	93		104577			10.1016/j.micpro.2022.104577

Jawwharlal R.; Devi L.N.	Quality and Energy Aware Multipath Routing in Wireless Multimedia Sensor Networks	2022	Journal of Communications	17	8		643	651	10.12720/jcm.17.8.643-651
Sahi A.K.; Mallick S.P.; Panda S.P.; Anand A.; Singh B.N.; Gundu S.; Ghosh R.	Polycaprolactone as a biomaterial for the treatment of articular cartilage damage	2022	Polycaprolactone: Applications, Synthesis and Characterization				213	241	
Nallagouni C.S.R.; Karnati P.R.	Effects of Fluoride on Metabolic enzymes of brain and Gastrocnemius muscle of mice: protective role of selenium and alpha-tocopherol	2022	Research Journal of Pharmacy and Technology	15	6		2627	2632	10.52711/0974-360X.2022.00439
Ashok C.; Santhosh G.H.N.V.; Dash S.; Ratnakar J.	Magma Mixing and Mingling during Pluton Formation: A Case Study through Field, Petrography and Crystal Size Distribution (CSD) Studies on Sirsilla Granite Pluton, India	2022	Journal of the Geological Society of India	98	6		815	821	10.1007/s12594-022-2072-4
Shaik A.; Kondaparth V.; Aveli R.; Manwal D.D.	Studies on the serum glucose reducing effect of vanadium metal complexes on Wistar rats	2022	Journal of Molecular Structure	1261		132825			10.1016/j.molstruc.2022.132825
John R.A.B.; Shruthi J.; Ramana Reddy M.V.; Ruban Kumar A.	Manganese doped nickel oxide as room temperature gas sensor for formaldehyde detection	2022	Ceramics International	48	12		17654	17667	10.1016/j.ceramint.2022.03.036
Kumar B.A.; Bindu P.H.	Advances in borate- and phosphate-based TL materials for in vivo dosimetry	2022	Journal of the Korean Ceramic Society	59	5		537	550	10.1007/s43207-022-00240-x
Sowmya T.	Lagenaria siceraria peel waste aqueous extract mediated silver nanoparticles for degradation of Congo red dye	2022	Journal of Physics: Conference Series	2267	1	12101			10.1088/1742-6596/2267/1/012101

Zaawari A.; Khaliq M.A.	The indiscriminate use of azithromycin during COVID-19 era: A potential driver for antimicrobial resistance	2022	Annals of Medicine and Surgery	79		103957			10.1016/j.amsu.2022.103957
Kalyani B.; Pujari N.; Edukondalu A.; Srinivasa Reddy M.; Vardhani C.P.	Effect of Bi <sub>2</sub> O <sub>3</sub> on AC conductivity and dielectric properties of alkali arsenate bro-bismuthate glasses	2022	Materials Letters	317		132128			10.1016/j.matlet.2022.132128
Kondaparthi M.; Padmavathi D.A.	Coumarinyl(thienyl)thiazole Molecules as Fluorescent Photoswitches	2022	Asian Journal of Chemistry	34	9		2281	2287	10.14233/ajchem.2022.23829
Bathula R.; Lanka G.; Chakravarty M.; Somadi G.; Sivan S.K.; Jain A.; Potlapally S.R.	Structural insight into PRMT5 inhibitors through amalgamating pharmacophore-based virtual screening, ADME toxicity, and binding energy studies to identify new inhibitors by molecular docking	2022	Structural Chemistry	33	4		1223	1239	10.1007/s11224-022-01918-y
Babu A.; Rakesh D.; Supraja P.; Mishra S.; Kumar K.U.; Kumar R.R.; Haranath D.; Mamidala E.; Nagapuri R.	Plant-based triboelectric nanogenerator for biomechanical energy harvesting	2022	Results in Surfaces and Interfaces	8		100075			10.1016/j.rsurfi.2022.100075
Kilaru S.; Gade R.; bhongiri Y.; Tripathi A.; Chetti P.; Pola S.	Organic materials based on hetero polycyclic aromatic hydrocarbons for organic thin-film transistor applications	2022	Materials Science in Semiconductor Processing	147		106730			10.1016/j.mssp.2022.106730
Singh S.; Ravindra J.V.R.; Naik B.R.	Prediction of Intermittent Failure by Presage Debacle Model in Network on Chip	2022	International Journal of Modern Education and Computer Science	14	4		75	88	10.5815/ijcnis.2022.04.06
Mattela K.; Gutam M.; Konda S.K.; Vadiyala N.R.; Yerrabelli J.R.; Chitneni P.R.	Design and Synthesis of Chromenone-Benzimidazole/Bezoazole-1,2,3-triazole Hybrids and their Antimicrobial Activity	2022	Asian Journal of Chemistry	34	7		1821	1824	10.14233/ajchem.2022.23828

Vankdothu R.; Hameed M.A.; Fatima H.	A Brain Tumor Identification and Classification Using Deep Learning based on CNN-LSTM Method	2022	Computers and Electrical Engineering	101		107960			10.1016/j.comp eleceng.2022.107960
Sowjanya P.; Pavan Kumar N.; Ganesh K.; Ramana Reddy M.V.	Analysis of Raman, Mossbauer Spectra and Dielectric Behaviour of Sol-Gel Prepared Ni <sub>1-x</sub> CoxFe <sub>2</sub> O <sub>4</sub> Spinel Ferrites	2022	ECS Journal of Solid State Science and Technology	11	8	83008			10.1149/2162-8777/ac869e
Conde R.; Laires R.; Gonçalves L.G.; Rizvi A.; Barroso C.; Villar M.; Macedo R.; Simões M.J.; Gaddam S.; Lamosa P.; Puchades-Carrasco L.; Pineda-Lucena A.; Patel A.B.; Mande S.C.; Banerjee S.; Matzapetakis M.; Coelho A.V.	Discovery of serum biomarkers for diagnosis of tuberculosis by NMR metabolomics including cross-validation with a second cohort	2022	Biomedical Journal	45	4		654	664	10.1016/j.bj.2021.07.006
Kammara V.; Venkataswamy P.; Ravi G.; Ramaswamy K.; Sunku M.; Vithal M.	Preparation, characterization and visible light photocatalytic studies of Ag/AgBr/Li <sub>2</sub> ZrO <sub>3</sub> composite	2022	Inorganic Chemistry Communications	141		109504			10.1016/j.inoch e.2022.109504
Siddaiah M.; Naik B.R.	A histological study of AgNPs activity against mosquito larvae culex quinquefasciatus Say, 1823 (Diptera: Culicidae)	2022	Journal of Entomological Research	46	2		351	358	10.5958/0974-4576.2022.00064.0
Pradeep P.; Kottareddygar J.S.; Paidimarry C.S.	A Compact 4x4 Peace-Shaped Wideband MIMO Antenna for Sub-6 GHz 5G Wireless Applications	2022	International Journal of Microwave and Optical Technology	17	5		508	516	
Balakrishna A.; Chary B.S.; Sekhar K.C.; Samdani; Shareefuddin M.	Influence of BaTiO <sub>3</sub> on physical and optical studies of Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> -MoO <sub>3</sub> -TeO <sub>2</sub> glasses reinforced with vanadium ions	2022	European Physical Journal Plus	137	8	915			10.1140/epjp/s13360-022-03123-6
Ayodhya D.	Ag-SPR and semiconductor interface effect on a ternary CuO@Ag@Bi <sub>2</sub> S <sub>3</sub> Z-scheme catalyst for enhanced removal of HIV drugs and (photo)catalytic activity	2022	New Journal of Chemistry	46	33		15838	15850	10.1039/d2nj02595g

Ashok D.; Reddy M.R.; Thara G.; Dharavath R.; Ramakrishna K.; Nagaraju N.; Gundu S.; Sarasija M.	A new library of 1,2,3-triazole based benzofuran scaffolds: Synthesis and biological evaluation as potential antimicrobial agents	2022	Journal of Heterocyclic Chemistry	59	8		1376	1384	10.1002/jhet.4477
Alumuri T.; Merugu K.; Amarababu N.L.A.; Kurnool A.	PERAMIVIR AND RELATED IMPURITIES IN RAT PLASMA AND ITS APPLICATIONS IN PHARMACOKINETIC STUDIES (BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION BY LC-MS/MS)	2022	International Journal of Applied Pharmaceutics	14	5		53	61	10.22159/ijap.2022v14i5.45457
Pagilla S.; Anagani Kanaka Durga B.; Vodnala S.; Kamutam R.; Mudiraj A.; Phanithi P.B.; Chetti P.	Identification of novel quinazolinone hybrids as cytotoxic agents against C6 glioma cell lines	2022	Journal of the Chinese Chemical Society	69	6		968	978	10.1002/jccs.202200058
Vankdothu R.; Hameed M.A.; Ameen A.; Unnisa R.	Brain image identification and classification on Internet of Medical Things in healthcare system using support value based deep neural network	2022	Computers and Electrical Engineering	102		108196			10.1016/j.compeleceng.2022.108196
Guruswamy S.; Madhavi M.; Mahesh L.; Beena Z.G.	Diversity and abundance of spider fauna of agro-ecosystems: A case study of Mahabubnagar district, Telangana state	2022	Journal of Biological Control	36	45325		175	178	10.18311/jbc/2022/32062
Swetha K.; Bharadwaj S.; Kumar N.P.; Chelvane J.A.; Lakshmi Y.K.	Above room temperature magnetic entropy in non-stoichiometric manganese of La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> manganites	2022	Applied Physics A: Materials Science and Processing	128	8	727			10.1007/s00339-022-05879-1
Anil Kumar S.; Madderla S.; Dharavath R.; Nalaparaju N.; Katta R.; Gundu S.; Thumma V.; Prashanth B.; Ashok D.	Microwave assisted synthesis of N-substituted acridine-1,8-dione derivatives: Evaluation of antimicrobial activity	2022	Journal of Heterocyclic Chemistry	59	7		1180	1190	10.1002/jhet.4458
Bale G.; Mitnala S.; Padaki N.R.; Sharma M.; Kulkarni A.V.; Pawar S.C.; D N.R.; Vishnubhotla R.	I148M variant of PNPLA3-gene is not associated with metabolic syndrome in patients with NAFLD in the Indian ethnicity	2022	Human Gene	33		201073			10.1016/j.humgen.2022.201073

Laxminarayana K.; Srikanth K.; Trinadh A.; Srilekha P.; Vithal M.; Srinivas M.	Emission (Gd <sup>3+</sup> and Sm <sup>3+</sup> ) and ESR (Gd <sup>3+</sup> ) studies of La <sub>1-x</sub> Ln <sub>x</sub> B <sub>3</sub> O <sub>6</sub> (Ln = Gd, Sm; 0 ≤ x ≤ 0.2 for Gd; 0 ≤ x ≤ 0.1 for Sm) phosphors	2022	Journal of Materials Science: Materials in Electronics	33	24		19501	19513	10.1007/s10854-022-08786-6
Saleem S.; Gopal D.; Shah N.A.; Feroz N.; Kishan N.; Chung J.D.; Safdar S.	Modelling Entropy in Magnetized Flow of Eyring–Powell Nanofluid through Nonlinear Stretching Surface with Chemical Reaction: A Finite Element Method Approach	2022	Nanomaterials	12	11	1811			10.3390/nano12111811
Sirisha B.; Saieni A.	Single phase grid interconnected high gain boost converter with soft switching capability	2022	International Journal of Advances in Applied Sciences	11	2		113	125	10.11591/ijaas.v11.i2.pp113-125
Goud B.S.; Kim J.H.; Ulaganathan K.	Identification of Genes Associated with Stress Tolerance of High Ethanol–Producing <i>Saccharomyces cerevisiae</i> Strain, NCIM3186, by Differential Gene Expression Analysis	2022	Bioenergy Research	15	3		1459	1471	10.1007/s12155-021-10389-8
Srinivas G.; Kumar J.S.; Shareefuddin M.; Chary M.N.; Sayanna R.	Optical and electron paramagnetic resonance studies of VO <sub>2</sub> <sup>+</sup> doped mixed alkali–alkaline earth oxide borate glass system	2022	Physics and Chemistry of Glasses: European Journal of Glass Science and	63	2		43	49	10.13036/17533562.63.2.78
Fauzia S.; Anjum R.	Predicting the Discharge of Patients Via Machine Learning Based Discharge Predictive Model	2022	International Journal on Recent and Innovation Trends in Computing and	10	7		58	69	10.17762/ijritcc.v10i7.5571
Muddagoni N.; Dasari M.; Bathula R.; Potlapally S.R.	Tin (IV) chloride catalyzed one-pot synthesis, characterization, and docking studies of 4-aminoquinoline derivatives as Myt1 inhibitors	2022	Journal of Heterocyclic Chemistry	59	8		1350	1356	10.1002/jhet.4474
Nakirekanti M.; Hemalatha Y.; Hemalatha R.	Novel Stepped Impedance Microstrip Bandpass Filters for Radar Applications	2022	International Journal on Recent and Innovation Trends in Computing and	10	7		45	49	10.17762/ijritcc.v10i7.5564

Shaik A.; Kondaparth V.; Aveli R.; Vemulapalli L.; Manwal D.D.	Vanadium metal complexes' inhibition studies on enzyme PTP-1B and antidiabetic activity studies on Wistar rats	2022	Applied Organometallic Chemistry	36	7	e6710			10.1002/aoc.6710
Ebhohimen I.E.; Onyijen O.H.; Arora V.; Arora V.; Adeleke V.T.; Okpeku M.	Mutation Pattern in the Receptor Binding Motif of SARS-Cov-2 Variants and the Effect on Molecular Interactions in Docked Ligand Complexes	2022	Tropical Journal of Natural Product Research	6	8		1262	1267	10.26538/tjnpr/v6i8.17
Varluvothu A.; Vaarla K.; Vermeire K.; Leelavathi P.	Microwave-assisted one-pot multicomponent synthesis of 2-(-4-oxo-2-(1-(2-oxo-2h-chromen-3-yl) ethylidene)hydrazono)thiazolidin-5-yl) acetic acid derivatives and their antiviral activity	2022	Journal of Heterocyclic Chemistry	59	9		1604	1615	10.1002/jhet.4493
John R.A.B.; Ruban Kumar A.; Shruthi J.; Ramana Reddy M.V.	FexZn1-xOy as room temperature dual sensor for formaldehyde and ammonia gas detection	2022	Inorganic Chemistry Communications	141		109506			10.1016/j.inoch.2022.109506
Manojkumar P.; Mahipal V.; Suresh G.; Venkatesh N.; Ramesh M.; Parthasarathy T.	Exploring Interaction Dynamics of Designed Organic Charge Transfer Complex of 6-Aminoindole and Chloranilic Acid: Spectrophotometric, Characterization, Computational, Antimicrobial, and DNA Binding Properties	2022	Journal of Molecular Structure	1258		132666			10.1016/j.molstruc.2022.132666
Dyapa H.; Mattipelli R.; Naikoti K.	Gyrotactic microorganisms bioconvection in combined convective magnetohydrodynamic Casson nanofluid flow over a vertically surfaced saturated porous media with variable viscosity	2022	Heat Transfer	51	6		5206	5227	10.1002/htj.22544
Lanka G.; Bhargavi M.; Bathula R.; Potlapally S.R.	Targeting tribbles homolog 3 (TRIB3) protein against type 2 diabetes for the identification of potential inhibitors by in silico screening	2022	Journal of the Indian Chemical Society	99	7	100531			10.1016/j.jics.2022.100531
Muttineni R.; Binitha R.N.; Putty K.; Marapakala K.; Sandra K.P.; Panyam J.; Vemula A.; Singh S.M.; Balachandran S.; Viroji Rao S.T.; Kondapi A.K.	SARS-CoV-2 variants and spike mutations involved in second wave of COVID-19 pandemic in India	2022	Transboundary and Emerging Diseases	69	5		e1721	e1733	10.1111/tbed.14508

Alumuri T.; Amarababu N.L.A.; Kurnool A.; Kanuparth P.R.; Merugu K.	DEVELOPMENT AND VALIDATION OF A STABILITY INDICATING RELATED SUBSTANCES OF ATENOLOL AND NITRENDIPINE BY RP-HPLC	2022	International Journal of Applied Pharmaceutics	14	4		265	273	10.22159/ijap.2022v14i4.44531
Sundar K.S.; Ramesh J.; Chinthala P.; Rao K.; Banerjee S.; Roy S.	Silver nanoprism-mediated protein estimation - an ultrasensitive platform for rapid estimation of protein concentration	2022	Nano Express	3	2	25002			10.1088/2632-959X/ac6968
Naresh P.; Srinivas B.; Sreenivasu D.; Ravikumar D.; Nataraju G.; Sunitha Manjari P.; Talari G.; Laxman Naik J.; Siva Kumar K.	Preparation and Characterization of melt derived CaO-Sb2O3-Li2O containing borate glass for multiple application	2022	Journal of Non-Crystalline Solids	589		121642			10.1016/j.jnoncrsol.2022.121642
Sikidar A.; Vidyasagar K.E.C.; Gupta M.; Garg B.; Kalyanasundaram D.	Classification of mild and severe adolescent idiopathic scoliosis (AIS) from healthy subjects via a supervised learning model based on electromyogram and ground reaction force data during gait	2022	Biocybernetics and Biomedical Engineering	42	3		870	887	10.1016/j.bbe.2022.06.006
Naveen Kumar R.; Suresh Goud J.; Srilatha P.; Manjunatha P.T.; Rani S.P.; Kumar R.; Suresha S.	Cattaneo-Christov heat flux model for nanofluid flow over a curved stretching sheet: An application of Stefan blowing	2022	Heat Transfer	51	6		4977	4991	10.1002/htj.22532
Dhanavath R.; Dharavath R.; Kothula D.; Bitla S.; Yaku G.; Birdaraju S.; Puchakayala M.R.; Atcha K.R.	Synthesis and biological evaluation of novel 2-arylquinoline-3-fused thiazolo[2,3-c]1,2,4-triazole heterocycles as potential antiproliferative and antimicrobial agents	2022	Journal of Heterocyclic Chemistry	59	7		1198	1212	10.1002/jhet.4460
Rajesham S.; Chandra Sekhar K.; Shareefuddin M.; Siva Kumar J.	Synthesis, physical, optical and structural studies of B2O3-CdO-Al2O3-PbF2 glasses modified with MoO3 ions	2022	Optical and Quantum Electronics	54	8	470			10.1007/s11082-022-03874-7
Tikkani A.; Prasad P.V.N.	Type-1 and type-2 fuzzy logic-based space vector modulation for two-level inverter fed induction motor	2022	Telkomnika (Telecommunication Computing Electronics and Control)	20	4		901	913	10.12928/TELKOMNIKA.v20i4.22454



Shefali M.; Fatima K.; Uma Sathyakam P.	Performance Analysis of CNT Bundle Interconnects in Various Low-k Dielectric Media	2022	ECS Journal of Solid State Science and Technology	11	6	61003			10.1149/2162-8777/ac741b
Maalegoundla C.; Sekhar K.C.; Hameed A.; Srinivas B.; Shareefuddin M.	Physical and spectroscopic studies of CaF <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -CuO glasses	2022	Journal of the Australian Ceramic Society	58	4		1137	1146	10.1007/s41779-022-00737-y
Singh S.; Ravindra J.V.R.; Naik B.R.	Proffering Secure Energy Aware Network-On-Chip (Noc) Using Incremental Cryptogine	2022	Sustainable Computing: Informatics and Systems	35		100682			10.1016/j.suscom.2022.100682
Padma Y.; Nuthalapati S.; Pantangi U.S.	Synthesis and rheological characterization of nano-magnetorheological fluid using inverse spinel ferrite (NiFe <sub>2</sub> O <sub>4</sub> )	2022	International Journal of Applied Ceramic Technology	19	4		1870	1878	10.1111/ijac.14031
Veeranna D.; Ramdas L.; Ravi G.; Bujji S.; Thumma V.; Ramchander J.	Synthesis of 1,2,3-Triazole Tethered Indole Derivatives: Evaluation of Anticancer Activity and Molecular Docking Studies	2022	ChemistrySelect	7	29	e202201758			10.1002/slct.202201758
Chenoori R.K.; Kavuri R.	Online Transaction Fraud Detection Using Efficient Dimensionality Reduction and Machine Learning Techniques	2022	Revue d'Intelligence Artificielle	36	4		621	628	10.18280/ria.360415
Kandula J.; Sri P.U.; Reddy P.R.; Gugulothu S.K.	Retraction Note: Numerical and experimental evaluation of cavitation flow around axisymmetric cavitators	2022	Marine Systems and Ocean Technology	17	2		122		10.1007/s40868-022-00119-w
Li C.; Ye H.; Ge S.; Yao Y.; Ashok B.; Hariram N.; Liu H.; Tian H.; He Y.; Guo G.; Rajulu A.V.	Fabrication and properties of antimicrobial flexible nanocomposite polyurethane foams with in situ generated copper nanoparticles	2022	Journal of Materials Research and Technology	19			3603	3615	10.1016/j.jmrt.2022.06.115

Bandi J.; Malkhed V.; Nambigari N.	An insilico study of KLK-14 protein and its inhibition with curcumin and its derivatives	2022	Chemical Papers	76	8		4955	4966	10.1007/s11696-022-02209-w
Suvarna T.; Madhumohan V.; Lavanya G.; Vardhani C.P.	The effect of substrate temperature on the structural, optical, and electrical properties of Cu-doped indium oxide (CIO) thin films deposited by spray pyrolysis technique	2022	Journal of Materials Science: Materials in Electronics	33	21		16967	16976	10.1007/s10854-022-08575-1
Kalra S.; Jacob J.; Kapoor N.; Bantwal G.	Faith healers and diabetes care in South Asia: Fighting together, moving forward	2022	JPMA. The Journal of the Pakistan Medical Association	72	6		1232	1234	10.47391/JPMA.22-71
Gopal D.; Munjam S.R.; Kishan N.	Analytical impact of Carreau nanofluid model under the influence of chemical reaction, Soret and Dufour over inclined stretching cylinder	2022	International Communications in Heat and Mass Transfer	135		106148			10.1016/j.icheatmasstransfer.2022.106148
Kumar Rathod P.; Krishnaveni K.; Leelavathi P.	A facile synthesis of benzimidazole-fused oxazepinoquinolines via Pd-catalysed C–N cross-coupling	2022	Tetrahedron Letters	104		154028			10.1016/j.tetlet.2022.154028
Subburu M.; Gade R.; Chetti P.; Pola S.	Photooxidation of 2,2'-(Ethyne-1,2-diyl)dianilines: An Enhanced Photocatalytic Properties of New Salophen-Based Zn(II) Complexes	2022	Photochem	2	2		358	375	10.3390/photoc hem2020025
Ayodhya D.	A review on recent advances in selective and sensitive detection of heavy toxic metal ions in water using g-C3N4-based heterostructured composites	2022	Materials Chemistry Frontiers	6	18		2610	2650	10.1039/d2qm00431c
Peddada L.M.; Sagurthi S.R.; Guguloth V.C.; Annapragada R.; Kanuparth P.R.	Visible Light Driven Photodegradation of Pathological Effluents and Biological Evaluation of Green ZnO Nanoparticles	2022	ChemistrySelect	7	28	e202200146			10.1002/slct.202200146

Vaishnavi K.; Venkataswamy P.; Ramaswamy K.; Srilekha P.; Vithal M.	Preparation, characterization and photocatalytic studies of parent and ion-doped Li <sub>2</sub> TiTeO <sub>6</sub>	2022	Materials Science in Semiconductor Processing	148		106805			10.1016/j.mssp.2022.106805
Pavani B.; Devi L.N.; Subbareddy K.V.	Energy enhancement and efficient route selection mechanism using H-SWIPT for multi-hop IoT networks	2022	Intelligent and Converged Networks	3	2		173	189	10.23919/ICN.2022.0013
Kannapu H.P.R.; Vaddeboina V.; Park Y.-K.	Simultaneous synthesis of aniline and $\gamma$ -butyrolactone from nitrobenzene and 1,4-butanediol over Cu-CoOx-MgO catalyst via catalytic hydrogen transfer process: Effect of calcination temperature	2022	Catalysis Today	397-399			28	36	10.1016/j.cattod.2022.01.014
Kumari M.; Kumari S.I.; Kamal S.S.K.; Grover P.	Retraction notice to "Genotoxicity assessment of cerium oxide nanoparticles in female Wistar rats after acute oral exposure" Mutat. Res. Genet. Toxicol. Environ. Mutagen. 775-776C (2014) 7-19 (Mutation Research - Genetic Toxicology and Environmental Mutagenesis (2014) 775-776)	2022	Mutation Research - Genetic Toxicology and Environmental Mutagenesis	881		503515			10.1016/j.mrgentox.2022.503515
Koyyati R.; Kudle K.R.; Nagati V.; Merugu R.; Padigya P.R.M.	Extracellular Synthesis of Mono and Bimetallic Nanocomposites from Novel Strains of Rhodospseudomonas palustris and Evaluation of Their Biomedical Applications	2022	Macromolecular Symposia	402	1	2100378			10.1002/masy.202100378
Manimanjari D.; Rao M.S.	Host-mediated effects of elevated CO <sub>2</sub> on the performance of Spodoptera litura Hub. Feeding on sunflower (Helianthus annuus L.)	2022	Phytoparasitica	50	2		319	333	10.1007/s12600-021-00964-2
Arolla R.G.; Pallerla P.K.; Cherukupalli N.; Kancha R.K.; Sripathi P.; Sarma A.V.S.; Khareedu V.R.; Vudem D.R.	Identification of ergosterol peroxide in the endophytic fungus Pestalotiopsis microspora and evaluation of its efficacy in overcoming cancer drug resistance	2022	Sydowia	74			327	334	10.12905/0380.sydowia74-2022-0327
Seku K.; Hussaini S.S.; Hussain M.; Siddiqui M.A.; Golla N.; Ravinder D.; Reddy G B.	Synthesis of Frankincense gum stabilized AgNPs by microwave irradiation and their catalytic, antioxidant, and antibacterial properties	2022	Physica E: Low-Dimensional Systems and Nanostructures	140		115169			10.1016/j.physe.2022.115169

Sowjanya P.; Kumar N.P.; Chelvane A.; Reddy M.V.R.	Synthesis and analysis of low field high magnetostrictive Ni-Co ferrite for magneto-electric energy harvesting applications	2022	Materials Science and Engineering: B	279		115674			10.1016/j.mseb.2022.115674
Manokari M.; Badhepuri M.K.; Cokulraj M.; Dey A.; Rajput V.D.; Minkina T.; Shekhawat M.S.	Correction to: Differential morphometric and micro-morpho-anatomical responses toward types of culture vessels used in micropropagation of <i>Hemidesmus indicus</i> (L.) R. Br. (Plant Cell, Tissue and Organ Culture (PCTOC), (2022), 148, 2, (439-446). 10.1007/s11240-021-02189-x)	2022	Plant Cell, Tissue and Organ Culture	150	1		251		10.1007/s11240-022-02307-3
C. S.R.; Srihari P.; Ali F.; Naikoti K.	Numerical analysis of Carreau fluid flow over a vertical porous microchannel with entropy generation	2022	Partial Differential Equations in Applied Mathematics	5		100304			10.1016/j.padiff.2022.100304
Ravinder D.; Rampogu S.; Dharmapuri G.; Pasha A.; Lee K.W.; Pawar S.C.	Inhibition of DDX3 and COX-2 by forskolin and evaluation of anti-proliferative, pro-apoptotic effects on cervical cancer cells: molecular modelling and in vitro approaches	2022	Medical Oncology	39	5	61			10.1007/s12032-022-01658-3
Vidya V.M.; Pola S.; Chetti P.	Synthesis and optical properties of mono- and di-substituted 1,3,5-triazines functionalized with thiophene and furan	2022	Journal of Molecular Structure	1254		132408			10.1016/j.molstruc.2022.132408
Rajesh A.; Sammaiah P.; Krishna L.R.; Sarla P.; Govardhan N.; Sudarshan E.; Himabindu S.	Identification of engineering drawing entities	2022	AIP Conference Proceedings	2418		50001			10.1063/5.0081843
Saddeek Y.B.; Zakaly H.M.H.; Sekhar K.C.; Issa S.A.M.; Alharbi T.; Badawi A.; Shareefuddin M.	Investigations of mechanical and radiation shielding properties of BaTiO <sub>3</sub> -modified cadmium alkali borate glass	2022	Applied Physics A: Materials Science and Processing	128	4	260			10.1007/s00339-022-05413-3
Gopal D.; Firdous H.; Saleem S.; Kishan N.	Impact of convective heat transfer and buoyancy on micropolar fluid flow through a porous shrinking sheet: An FEM approach	2022	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical	236	8		3974	3985	10.1177/09544062211045649

Reddy R.J.; Kumari A.H.; Sharadha N.; Krishna G.R.	Solvent-Driven Mono- and Bis-sulfenylation of (E)-?-Iodovinyl Sulfones with Thiols for Flexible Synthesis of 1,2-Thiosulfonylalkenes and 1,2-Dithioalkenes	2022	Journal of Organic Chemistry	87	6		3934	3951	10.1021/acs.joc.1c02444
Polapally R.; Mansani M.; Rajkumar K.; Burgula S.; Hameeda B.; Alhazmi A.; Bantun F.; Almalki A.H.; Haque S.; El Enshasy H.A.; Sayyed R.Z.	Melanin pigment of Streptomyces puniceus RHPR9 exhibits antibacterial, antioxidant and anticancer activities	2022	PLoS ONE	17	45386	e0266676			10.1371/journal.pone.0266676
Tikkani A.; Prasad P.V.N.	A Fuzzy-2 Indirect Vector Control of Induction Motor Using Space Vector Fuzzy-2 Based PWM	2022	Journal of Electrical Engineering and Technology	17	3		1845	1858	10.1007/s42835-022-01021-6
Kulkarni S.R.; Balachandran S.M.; Fiyaz R.A.; Balakrishnan D.; Sruthi K.; Ulaganathan K.; Hari Prasad A.S.; Sundaram R.M.	Assessment of heterotic potential and combining ability of novel iso-cytoplasmic restorer lines derived from an elite rice hybrid, KRH-2, for the development of superior rice hybrids	2022	Euphytica	218	5	60			10.1007/s10681-022-03007-x
Manoharachary C.	Edible and medicinal mushrooms: Some aspects and prospects	2022	Biology, Cultivation and Applications of Mushrooms				259	284	10.1007/978-981-16-6257-7_9
Muralidhar B.; Victoria G.G.; Kumar K.S.; Reddy S.R.	Copper-Mediated Relay Strategy Using Chlorination/Oxidation: An Effective Synthesis of Functionalized Coumarin Derivatives	2022	Asian Journal of Organic Chemistry	11	5	e202200044			10.1002/ajoc.202200044
Sehrish I.; Sunitha T.; Srilekha A.; Gupta A.; Nallari P.; Venkateshwari A.	A Novel Familial Case Report of Genetic Syndrome Mimicking Congenital TORCH infections; Pseudo-TORCH Syndrome 2	2022	Journal of Reproduction and Infertility	23	2		135	138	10.18502/jri.v23i2.8999
Narasimha V.B.; Sujatha B.; Nagaprasad S.	An open-source web-based OWL ontology editing and browsing tool: Swoop	2022	The Role of IoT and Blockchain: Techniques and Applications				349	355	

Shaik N.B.; Lakshmi P.K.; Basava Rao V.V.	Proliposome: A Novel Solution for the Stability of Liposomes - A Review	2022	International Journal of Pharmaceutical Sciences and Nanotechnology	15	3				10.37285/ijpsn.2022.15.3.9
Al-Qahtani W.H.; Yuvaraj D.; Sai Ramesh A.; Jayaradhika Raghuraman Rengarajan H.; Karnan M.; Rajabathar J.; Charumathi A.; Harishchandra Pangam S.; Kameswari Devarakonda P.; Nadiminti G.; Sharma P.	In-silico profiling of SLC6A19, for identification of deleterious ns-SNPs to enhance the Hartnup disease diagnosis	2022	Computational Toxicology	22		100215			10.1016/j.comtox.2022.100215
Ali S.A.M.; Sayyed R.Z.; Mir M.I.; Khan M.Y.; Hameeda B.; Alkhanani M.F.; Haque S.; Mohammad Al Tawaha A.R.; Poczai P.	Induction of Systemic Resistance in Maize and Antibiofilm Activity of Surfactin From Bacillus velezensis MS20	2022	Frontiers in Microbiology	13		879739			10.3389/fmicb.2022.879739
Basha M.H.; Subramanyam C.; Malar C.G.R.; Rao S.S.; Rao K.P.	Nano TiO <sub>2</sub> .SiO <sub>2</sub> catalyzed, microwave assisted synthesis of new $\alpha$ -aminophosphonates as potential anti-diabetic agents: In silico ADMET and molecular docking study	2022	Organic Communications	15	2		167	183	10.25135/acg.oc.123.2112.2279
Edukondalu A.; Stalin S.; Reddy M.S.; Eke C.; Alrowaili Z.A.; Al-Buriah M.S.	Synthesis, thermal, optical, mechanical and radiation-attenuation characteristics of borate glass system modified by Bi <sub>2</sub> O <sub>3</sub> /MgO	2022	Applied Physics A: Materials Science and Processing	128	4	331			10.1007/s00339-022-05475-3
Jannapu Reddy R.; Sharadha N.; Haritha Kumari A.	Base-mediated [3 + 2]-cycloannulation strategy for the synthesis of pyrazolo[1,5-a]pyridine derivatives using (E)- $\alpha$ -iodovinyl sulfones	2022	Organic and Biomolecular Chemistry	20	21		4331	4337	10.1039/d2ob00499b
Siengchin S.; Boonyasopon P.; Sadanand V.; Rajulu A.V.	Nanocomposite cellulose fabrics with in situ generated silver nanoparticles by bioreduction method	2022	Journal of Industrial Textiles	51	4		6258S	6275S	10.1177/1528083720924731
Bima A.I.H.; Elsamanoudy A.Z.; Alghamdi K.S.; Shinawi T.; Mujalli A.; Kaipa P.R.; Aljeaid D.; Awan Z.; Shaik N.A.; Banaganapalli B.	Molecular profiling of melanocortin 4 receptor variants and agouti-related peptide interactions in morbid obese phenotype: a novel paradigm from molecular docking and dynamics simulations	2022	Biologia	77	5		1481	1496	10.1007/s11756-022-01037-3

Sunkar B.; Bhukya B.	An Approach to Correlate Chemical Pretreatment to Digestibility Through Biomass Characterization by SEM, FTIR and XRD	2022	Frontiers in Energy Research	10		802522			10.3389/fenrg.2022.802522
Nagamani M.; Vishnu T.; Jalapathi P.; Srinivas M.	Molecular docking studies on COVID-19 and antibacterial evaluation of newly synthesized 4-(methoxymethyl)-1,2,3-triazole analogues derived from (E)-1-phenyl-3-(2-(piperidin-1-yl)quinolin-3-yl) prop-2-en-1-one	2022	Journal of the Iranian Chemical Society	19	4		1049	1060	10.1007/s13738-021-02365-y
Srinath M.; Shailaja A.; Bindu B.B.V.; Giri C.C.	Comparative analysis of biomass, ethrel elicitation, light induced differential MVA/MEP pathway gene expression and andrographolide production in adventitious root cultures of Andrographis paniculata (Burm. F.) Nees	2022	Plant Cell, Tissue and Organ Culture	149	45293		335	349	10.1007/s11240-022-02241-4
Prathiba A.; Akavaram V.L.	Numerical investigation of a convective hybrid nanofluids around a rotating sheet	2022	Heat Transfer	51	4		3353	3372	10.1002/htj.22454
Gugulothu R.; Sanke N.	Use of segmental baffle in shell and tube heat exchanger for nano emulsions	2022	Heat Transfer	51	3		2645	2666	10.1002/htj.22418
Bodiga V.L.; Vemuri P.K.; Kudle M.R.; Bodiga S.	Ellagic Acid from Terminalia arjuna Fruits Protects Against Chromium and Cobalt Toxicity in Primary Human Lymphocytes	2022	Biological Trace Element Research	200	6		2698	2708	10.1007/s12011-021-02900-1
Angineni R.; Perala V.; Kadari R.; Pallati S.; Kurra S.; Muga V.	Facile ion-exchange synthesis of Gd-doped K <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub> photocatalysts with enhanced visible light activity	2022	Journal of the Indian Chemical Society	99	6	100495			10.1016/j.jics.2022.100495
Maloth B.; Srinivasulu N.V.; Rajendra R.	Enhancement of mechanical and dynamic mechanical thermal characteristics of woven glass fabric-reinforced multi-nanoparticle-filled toughened epoxy composites	2022	Journal of Industrial Textiles	51	2_suppl		3253S	3277S	10.1177/15280837221086039

Kumari B.; Shahfahad; Tayyab M.; Ahmed I.A.; Baig M.R.I.; Ali M.A.; Asif; Usmani T.M.; Rahman A.	Land use/land cover (LU/LC) change dynamics using indices overlay method in Gautam Buddha Nagar District-India	2022	GeoJournal	87	3		2287	2305	10.1007/s10708-021-10374-w
Chennam K.P.; Ravi M.; Boinala A.; Sudeepa K.; Ravinder P.; Sarala Devi C.	Spectroanalytical, computational, DNA/BSA binding and in vitro cytotoxic activity studies of new transition metal complexes of novel aryl hydrazone	2022	Journal of Molecular Structure	1252		132126			10.1016/j.molstruc.2021.132126
Mukherjee S.; Abdalla M.; Yadav M.; Madhavi M.; Bhirdwaj A.; Khandelwal R.; Prajapati L.; Panicker A.; Chaudhary A.; Albrakati A.; Hussain T.; Nayarisseri A.; Singh S.K.	Structure-Based Virtual Screening, Molecular Docking, and Molecular Dynamics Simulation of VEGF inhibitors for the clinical treatment of Ovarian Cancer	2022	Journal of Molecular Modeling	28	4	100			10.1007/s00894-022-05081-3
Sagar E.; Reddy P.V.	An investigation of elastic and attenuation properties of Gd-doped multiferroic bismuth ferrites	2022	Applied Physics A: Materials Science and Processing	128	5	417			10.1007/s00339-022-05541-w
Dhamodharan D.; Dhinakaran V.; Nagavaram R.; Ghoderao P.P.; Byun H.-S.; Wu L.	Experimental and numerical study on smectic aligned zirconium phosphate decorated graphene oxide hybrids effects over waterborne epoxy multi-functional properties enhancement	2022	Journal of Industrial and Engineering Chemistry	107			165	179	10.1016/j.jiec.2021.11.043
Jatoh R.; Naikawadi P.K.; Bhaskar B.; Gugulothu K.; Edukondalu P.; Kumar K.S.	Metal-Free TFA-Promoted Regioselective (Hetero)Arylation: Synthesis of (Hetero)Aryl Substituted and Carbazole/Oxepine Fused N-Heterocycles	2022	Advanced Synthesis and Catalysis	364	7		1271	1276	10.1002/adsc.202101459
Narsimha K.; Anuradha N.; Sudarshan K.; Gandhi A.C.; Raju A.K.; Reddy P.M.; Mone R.; Upender G.; Kumar B.V.	One-pot hydrothermal preparation and defect-enhanced photocatalytic activity of Bi-doped CdWO <sub>4</sub> nanostructures	2022	Physical Chemistry Chemical Physics	24	15		8775	8786	10.1039/d1cp02885e
Venkataramana K.; Madhuri C.; Madhusudan C.; Bhogi A.; Srinivas B.; Reddy C.V.	Influence of La <sup>3+</sup> , Sm <sup>3+</sup> and Dy <sup>3+</sup> dopants on ceria solid electrolytes for IT-SOFCs	2022	Materials Science in Semiconductor Processing	142		106495			10.1016/j.mssp.2022.106495



Gollamandala R.; Parappurakkal Thazhe A.; Lingala P.; Paradesi A.; Dasari V.	Additions to the Flora of Telangana state of India, with notes on the phytogeographical importance	2022	Feddes Repertorium	133	2		113	119	10.1002/fedr.202100028
Dharavath R.; Sarasija M.; Ram Reddy M.; Naga Prathima K.; Nagarju N.; Ramakrishna K.; Ashok D.; Daravath S.	Microwave-assisted synthesis and evaluation of their antiproliferative, antimicrobial, activities and DNA Binding studies of (3-Methyl-7H-furo[2,3-f]chromen-2-yl)(aryl)methanones	2022	Medicinal Chemistry Research	31	6		993	1002	10.1007/s00044-022-02888-w
Nampally V.; Palnati M.K.; Baidla N.; Varukolu M.; Gangadhari S.; Tigulla P.	Charge Transfer Complex between O-Phenylenediamine and 2, 3-Dichloro-5, 6-Dicyano-1, 4-Benzoquinone: Synthesis, Spectrophotometric, Characterization, Computational Analysis, and its Biological Applications	2022	ACS Omega	7	19		16689	16704	10.1021/acscomega.2c01177
Li T.-Y.; Ho M.-K.; Hsu T.-E.; Chiu H.-H.; Wu K.-T.; Peng J.-C.; Wu C.-M.; Chan T.S.; Vijaya Kumar B.; Muralidhar Reddy P.; Ke S.-C.; Cheng C.-L.; Gandhi A.C.; Wu S.Y.	Antiferromagnetic spin correlations above the bulk ordering temperature in NiO nanoparticles: Effect of extrinsic factors	2022	Applied Surface Science	578		152081			10.1016/j.apsusc.2021.152081
Rao P.V.	India's Naval Diplomacy: Contours and Constraints	2022	India's Naval Diplomacy: Contours and Constraints				1	198	10.4324/9781003289272
Pal A.; Kulkarni M.B.; Gupta H.; Ponnalagu R.N.; Dubey S.K.; Goel S.	Corrigendum to: "Portable and autonomous device for real-time colorimetric detection: Validation for phosphorous and nitrite detection" [Sens. Actuators A: Phys. 330 (2021)/112896](S0924424721003617)(10.1016/j.sna.2021.112896)	2022	Sensors and Actuators A: Physical	338		113461			10.1016/j.sna.2022.113461
Sirisha B.; Akhilesh S.	High efficient and high gain boost converter with soft switching capability connected to grid using dq axis current control	2022	Bulletin of Electrical Engineering and Informatics	11	2		624	635	10.11591/eei.v1i12.3358
Kappa K.	Do the vegetable exports lead to economic growth? An empirical evidence in selected SAARC economies	2022	Journal of Public Affairs	22	2	e2484			10.1002/pa.2484

Madgula K.; Dandu S.; Kasula S.; Halady P.	Microwave synthesized ionic liquids as green catalysts for the synthesis of benzimidazoles: Spectral and computational studies for potential anticancer activity	2022	Inorganic Chemistry Communications	138		109218			10.1016/j.inoch e.2022.109218
Alo F.; Rani A.R.; Baum M.; Singh S.; Kehel Z.; Rani U.; Udupa S.; Al-Sham'aa K.; Alsamman A.M.; Istanbuli T.; Attar B.; Hamwieh A.; Amri A.	Novel Genomic Regions Linked to Ascochyta Blight Resistance in Two Differentially Resistant Cultivars of Chickpea	2022	Frontiers in Plant Science	13		762002			10.3389/fpls.20 22.762002
Lunavat S.K.; Singh S.S.; Mohammed A.Q.; Nakka V.P.; Phanithi P.-B.; Medisetty R.; Gogada R.	The MreA Metal-Binding Sites C40, H65, and C69 Play a Critical Role in the Metal Tolerance of Pseudomonas putida KT2440	2022	Current Microbiology	79	5	142			10.1007/s00284 -022-02804-w
Rao V.L.; Vasudeva Reddy Y.; Shekharam T.; Nagabhushanam M.	First report on effect of freezing of charge carriers on conductivity of CoxZn1-xS ternary semiconductor compounds at low temperatures	2022	Chemical Physics Letters	796		139571			10.1016/j.cplett. 2022.139571
Deepthi K.L.; Subhashini N.J.P.; Maneshwar T.	Synthesis, Molecular Docking Studies, Antimicrobial, Anticancer and Antioxidant Activity of Some Novel Mannich Bases of Isatin Scaffold	2022	Asian Journal of Chemistry	34	5		1097	1104	10.14233/ajche m.2022.23561
Rajeshwari K.; Vasantha P.; Shekhar B.; Anantha Lakshmi P.V.	Metformin-Derived Water-Soluble Cobalt Complexes: Thermal, Spectroscopic, DNA Interaction, and Molecular Docking Studies	2022	Applied Biochemistry and Biotechnology	194	6		2650	2671	10.1007/s12010 -022-03862-3
Radha Krishna L.; Rajesh A.; Joshi D.; Kumari D.R.; Kanakam R.	Investigation and comparison of nickel addition on aluminium alloy 7175	2022	AIP Conference Proceedings	2418		50003			10.1063/5.0081 984
Rani M.U.; Siva Sankara R.N.; Rajendra N.B.	Leakage Power Reduction in Read and Write Enhanced Macro Memory Circuit Design Using Transistor Stacking and Reversible Approach	2022	Advances in Systems Science and Applications	22	1		130	147	10.25728/assa.2 022.22.1.1177

Rameshwar Y.; Srinivas G.; Laroze D.; Rawoof Sayeed M.A.; Rani H.P.	Convective instabilities in binary mixture 3He-4He in porous media	2022	Chinese Journal of Physics	77			773	803	10.1016/j.cjph.2022.03.010
Gupta G.; Deval R.; Rai N.; Nizamuddin S.; Upadhyay S.; Pasupuleti N.; Ng H.K.T.; Singh P.K.; Rao V.R.	Genome-wide association study for suicide in high-risk isolated historical population from North East India	2022	Journal of Affective Disorders Reports	8		100327			10.1016/j.jadr.2022.100327
Rajesh A.; Sammaiah P.; Radha Krishna L.; Sarla P.; Prakash T.C.; Srinivas V.; Thabitha N.	Enhancing of teaching technology in mechanical engineering through computer aided design	2022	AIP Conference Proceedings	2418		50002			10.1063/5.0081845
Rakhin K.V.; Onkar P.S.; Hayavadana J.	Understanding the Role of Perceptual Haptic Conditions on Design Decision	2022	Proceedings of the Design Society	2			2193	2202	10.1017/pds.2022.222
Deepti P.; Pasha A.; Kumbhakar D.V.; Doneti R.; Heena S.K.; Bhanoth S.; Poleboyina P.K.; Yadala R.; Annapurna S.D.; Pawar S.C.	Overexpression of Secreted Phosphoprotein 1 (SPP1) predicts poor survival in HPV positive cervical cancer	2022	Gene	824		146381			10.1016/j.gene.2022.146381
Banerjee S.; Shyamsundar K.; Saharay M.; Roy S.	A single-step low cost detection of ground water Hg <sup>2+</sup> using mercaptosuccinic acid functionalised silver nanoprism	2022	Environmental Nanotechnology, Monitoring and Management	17		100637			10.1016/j.enmm.2021.100637
Ibrahim; Jalaluddin; Muhammad R.; Akhtar R.; Muhammad Z.	Alcohol Content in the Fermentation Process of Cassava Tape utilizing Garlic Extract as a Yeast Supplement	2022	Research Journal of Biotechnology	17	4		20	23	10.25303/1704rjbt20023
Sangeetha G.; Chandra Sekhar K.; Narasimha Chary M.; Shareefuddin M.	Influence of magnesium oxide on the physical and spectroscopic properties of manganese doped sodium tetra borate glasses	2022	Optik	259		168952			10.1016/j.ijleo.2022.168952

Dhoddi B.N.; Kurapati R.; Kundur G.R.; Bitla S.; Puligilla B.; Pochampally J.	SYNTHESIS AND IN VITRO CYTOTOXIC EVALUATION OF NOVEL TRIAZOLE-BENZIMIDAZOLE EMBODIED PYRAZOLE DERIVATIVES AGAINST BREAST CANCER	2022	Rasayan Journal of Chemistry	15	2		1345	1351	10.31788/RJC.2021.1526858
Swetha K.; Bharadwaj S.; Chelvane J.A.; Afzal H.; Venkatesh R.; Kumar K.V.S.; Yanapu K.L.	Effect of manganese stoichiometry at B-site on magneto-transport and magnetic properties of La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> manganites	2022	Ceramics International	48	9		12779	12789	10.1016/j.ceramint.2022.01.148
Khurana R.; Bhimrajka S.; Sivakrishna Rao G.; Verma V.; Boora N.; Gawande G.; Kapoor M.; Rao K.V.; Kapoor S.	Characterization of Transcription Regulatory Domains of OsMADS29: Identification of Proximal Auxin-Responsive Domains and a Strong Distal Negative Element	2022	Frontiers in Plant Science	13		850956			10.3389/fpls.2022.850956
Venkanna M.; Sagar K.D.	Edge imaging characteristics of aberrated coherent optical systems by edge masking of circular apertures	2022	Computer Optics	46	3		388	394	10.18287/2412-6179-CO-940.
Deepti K.; Srihari P.; Achari K.M.	Implementation of an Adaptive Neural Network-Based Controller for Improving the Conversion Efficiency of Solar Photovoltaic Module	2022	Journal of The Institution of Engineers (India): Series B	103	2		477	489	10.1007/s40031-021-00680-9
Vishnuvardhan M.; Pradeep M.; Gangadhar T.	Easy and Efficient Microwave-Assisted Synthesis of 1,2,3-Triazolyl-Tethered 2-Pyridinylbenzimidazoles and Their Antimicrobial Activity	2022	Russian Journal of Organic Chemistry	58	4		592	596	10.1134/S1070428022040182
Ashok D.; Thara G.; Dharavath R.; Kirankumar B.; Sarasija M.; Bhima B.	Microwave Assisted Synthesis of Flavonoid Based 1,2,3-Triazole and Isoxazole Derivatives, Their Antibacterial, Antioxidant, and Anticancer Activities	2022	Russian Journal of General Chemistry	92	4		718	724	10.1134/S1070363222040132
Koyyati R.; Kudle K.R.; Merugu R.; Manthur Padigya P.R.	In Vitro Studies on Protein Binding of Polyhydroxybutyrate Isolated from Rhodospseudomonas palustris KRPR02	2022	Macromolecular Symposia	402	1	2100368			10.1002/masy.202100368

Kumar P.P.; Sagar K.	5G heterogeneous network in vertical handoff for making enhanced decision algorithm	2022	AIP Conference Proceedings	2418		20004			10.1063/5.0081762
Adhikari O.D.; Achyuthan N.S.; Kumar G.C.; Khot R.V.; Shreeram M.V.; Ganesh S.R.	Two new species of Hemidactylus Goldfuss, 1820 (Squamata: Gekkonidae) from the rocky outcrops of the Deccan plateau, peninsular India	2022	Zootaxa	5129	2		227	249	10.11646/zootaxa.5129.2.4
Halwale A.; Yadagiri B.	Microwave Assisted Synthesis of Benzoxazole-Triazole Hybrid Derivatives as Antimicrobial Agents	2022	Asian Journal of Chemistry	34	4		1015	1020	10.14233/ajchem.2022.23546
Ashok B.; Sekhar K.C.; Chary B.S.; Ramadevudu G.; Chary M.N.; Shareefuddin M.	Physical and structural study of Al <sub>2</sub> O <sub>3</sub> -NaBr-B <sub>2</sub> O <sub>3</sub> -CuO glasses	2022	Indian Journal of Physics	96	5		1521	1528	10.1007/s12648-021-02048-7
Shekhar B.; Rajeshwari K.; Jayasree B.; Anantha Lakshmi P.V.	Novel metformin complexes: Geometry optimization, non-isothermal kinetic parameters, DNA binding, on-off light switching and docking studies	2022	Applied Organometallic Chemistry	36	4	e6601			10.1002/aoc.6601
Kumar G.C.; Srinivasulu A.; Srinivasulu C.	Redescription of Hemidactylus giganteus Stoliczka, 1871 with the description of three new allied species (Squamata: Gekkonidae: Hemidactylus Goldfuss, 1820) from peninsular India	2022	Zootaxa	5115	3		301	341	10.11646/zootaxa.5115.3.1
Sreenu S.; Upendar J.; Sirisha B.	Analysis of switched impedance source/quasi-impedance source DC-DC converters for photovoltaic system	2022	International Journal of Applied Power Engineering	11	1		14	24	10.11591/ijape.v11.i1.pp14-24
Mandari K.K.; Aytam H.P.; Varimalla S.; Velisoju V.K.; Akula V.	Evaluation of in-situ formed La <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> -La <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> nanocomposite photocatalyst for H <sub>2</sub> production	2022	International Journal of Hydrogen Energy	47	39		17214	17223	10.1016/j.ijhydene.2022.03.206

Kandula J.; Usha Sri P.; Ravinder Reddy P.; Gugulothu S.K.	Retraction notice to "Numerical and experimental cavitation assessment of near-wake characteristics of hydrodynamic performance characteristics of cavitating flow with and without ultrasonic transducers" [Measurement 173 (2021) 1095911/S02622741202111181/10.1016/j.measurement.2022.111093	2022	Measurement: Journal of the International Measurement Confederation	195		111093			10.1016/j.measurement.2022.111093
Sailaja Kumari P.; Vijaya Charan G.; Ravi Kumar D.	Synthesis, structural, photocatalytic and anti-cancer activity of Zn doped Ni nano chromites by citrate gel auto combustion method	2022	Inorganic Chemistry Communications	139		109393			10.1016/j.inoch.2022.109393
Srinivas B.; Bhogi A.; Naresh P.; Chary M.N.; Shareefuddin M.; Alrowaili Z.A.; Mahmoud Z.M.M.; Olarinoye I.O.; Al-Buriah M.S.	Fabrication, optical and radiation shielding properties of BaO-TeO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -Cr <sub>2</sub> O <sub>3</sub> glass system	2022	Optik	258		168877			10.1016/j.ijleo.2022.168877
Masula K.; Bhongiri Y.; Raghav Rao G.; Vijay Kumar P.; Pola S.; Basude M.	Evolution of photocatalytic activity of CeO <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> composite material for wastewater degradation under visible-light irradiation	2022	Optical Materials	126		112201			10.1016/j.optmat.2022.112201
Mardhanpally A.K.; Kamatala C.R.; Pulusu V.; Kodali S.B.; Jakku N.R.; Yerraguntla R.R.	Cornforth's and Corey-Suggs Cr(VI) compounds as efficient reagents for selective oxidation of certain polyols in aqueous KHSO <sub>4</sub> medium –A kinetic and mechanistic approach	2022	Chemical Data Collections	39		100847			10.1016/j.cdc.2022.100847
Joshi D.; Rajesh A.; Radha Krishna L.; Padmaja C.; Kumar M.R.	Cold swaging of zirconium (ZR4) rods: Force analysis using CATIA-V5 and practical force measurement method	2022	AIP Conference Proceedings	2418		50004			10.1063/5.0082074
Chivate S.D.; Killedar M.M.; Ladukar L.D.; Vardhani G.S.; Kavathe S.K.; Kanekar S.R.	Transanal suture mucopexy for hemorrhoids; [MUCOPEXIA TRANSANAL CON SUTURA PARA ENFERMEDAD HEMORROIDAL]	2022	Diseases of the Colon and Rectum	65	5		742	749	10.1097/DCR.0000000000002191
Sriramulu G.; Maramu N.; Reddy B.R.; Kandasami A.; Katlakunta S.	Structural, magnetic and electromagnetic properties of microwave-hydrothermally synthesized Sr(Zr-Mn) <sub>2</sub> xFe <sub>12</sub> -2xO <sub>19</sub> hexaferrites	2022	Materials Research Bulletin	149		111732			10.1016/j.materresbull.2022.111732

Sabita G.; Savitha R.; Divya K.; Bhaskar K.	Synthesis and biological evaluation of aryl sulfonyl linked isoxazol-(pyridin-4-yl)pyrazolo [1,5-a]pyrimidines as cytotoxicity agents	2022	Chemical Data Collections	38		100822			10.1016/j.cdc.2021.100822
Nambigari N.; Kodipaka A.; Vuradi R.K.; Airva P.K.; Sirasani S.	A Biophysical Study of Ru(II) Polypyridyl Complex, Properties and its Interaction with DNA	2022	Journal of Fluorescence	32	3		1211	1228	10.1007/s10895-021-02879-x
Upendar J.; Kumar S.R.; Sreenu S.; Sirisha B.	Implementation and study of fuzzy based KY boost converter for electric vehicle charging	2022	International Journal of Applied Power Engineering	11	1		98	108	10.11591/ijape.v11.i1.pp98-108
Ceema M.; Sowjanya E.; Shashikala M.; Panikumar D.A.	An Ultra-sensitive Photo-luminescent Method for the Quantification of Mycophenolate Mofetil: Validation and Appliance to Marketed Formulations	2022	International Journal of Pharmaceutical Quality Assurance	13	2		149	152	10.25258/ijpqa.13.2.10
Pavani B.; Devi L.N.	Energy-Constrained Route Selection Mechanism Using Hybrid SWIPT for IoT Networks	2022	International Journal of Intelligent Engineering and Systems	15	3		554	565	10.22266/ijies2022.0630.47
Sirisha B.; Yalakanti L.	A mitigation technique for torque ripple in a brushless DC motor by controlled switching of small DC link capacitor	2022	Bulletin of Electrical Engineering and Informatics	11	2		1167	1176	10.11591/eei.v11i2.3408
Radha E.; Komaraiah D.; Sayanna R.; Sivakumar J.	Photoluminescence and photocatalytic activity of rare earth ions doped anatase TiO <sub>2</sub> thin films	2022	Journal of Luminescence	244		118727			10.1016/j.jlumin.2022.118727
Mallikarjun A.; Sangeetha M.; Reddy M.V.; Reddy M.J.; Kumar J.S.; Sreekanth T.	Investigation of Mg <sup>2+</sup> Ion Effect on the Structural Characteristics and Properties of PVDF-HFP Based Solid Polymer Electrolytes for Electrochemical Applications	2022	Polymer Science - Series A	64	3		194	207	10.1134/S0965545X2200019

Mir M.I.; Hameeda B.; Quadriya H.; Kumar B.K.; Ilyas N.; Kee Zuan A.T.; El Enshasy H.A.; Dailin D.J.; Kassem H.S.; Gafur A.; Sayyed R.Z.	Multifarious Indigenous Diazotrophic Rhizobacteria of Rice ( <i>Oryza sativa</i> L.) Rhizosphere and Their Effect on Plant Growth Promotion	2022	Frontiers in Nutrition	8		781764			10.3389/fnut.2021.781764
Dhana Raju R.	Placer Magnetite-sand and By-product Iron, Generated during the Beneficiation of Mineral Sand Ilmenite to High-Titanium Products, as Potential Alternatives to the High-Grade Fe-ore for Steel Making	2022	Journal of the Geological Society of India	98	2		165	168	10.1007/s12594-022-1952-y
Ravi M.; Kumar M.S.; Ushaiah B.; Prasad C.K.; Sudeepa K.; Anitha N.; Nizamuddin S.; Shyam P.; Devi C.S.	Design, Synthesis, Bioanalytical, Photophysical and Chemo-phototherapeutic Studies of Heteroleptic Cu(II) Complexes	2022	Journal of the Taiwan Institute of Chemical Engineers	132		104112			10.1016/j.jtice.2021.10.012
Rayala N.; Vodnala S.; Kamsani S.; Bhavani A.K.D.; Myakala N.; Kandula K.; Mudiganti S.	Acid Catalyzed Multicomponent One-Pot Synthesis of New Quinazolinone based Unsymmetrical C-N Linked Bis Heterocycles	2022	Asian Journal of Chemistry	34	2		432	436	10.14233/ajchem.2022.23619
Jajula K.; Kumar R.A.; Kishore R.; Thommandru P.R.; Shrikanth R.; Satyanarayana S.; Kishore P.V.V.N.	Silver(i)-catalyzed dehydrogenative cross-coupling of 2-arylbenzofurans with phosphites	2022	New Journal of Chemistry	46	6		2662	2668	10.1039/d1nj06077e
Manokari M.; Badhepuri M.K.; Cokulraj M.; Dey A.; Rajput V.D.; Minkina T.; Shekhawat M.S.	Differential morphometric and micro-morpho-anatomical responses toward types of culture vessels used in micropropagation of <i>Hemidesmus indicus</i> (L.) R. Br.	2022	Plant Cell, Tissue and Organ Culture	148	2		439	446	10.1007/s11240-021-02189-x
Malathi A.R.; Murthy M.S.; Praveena V.J.U.; Prasad G.	Influence of calcium titanate on dielectric and ferroelectric properties of lead-free NBT-based composites	2022	Emergent Materials	5	1		241	247	10.1007/s42247-022-00377-9
Marneni D.; Vemula S.	Analysis of Covid-19 using machine learning techniques	2022	Statistical Modeling in Machine Learning: Concepts and Applications				37	53	10.1016/B978-0-323-91776-6.00006-3



Usha D.; Prasad M.S.L.	Histopathology, toxin and secondary metabolites of Alternariaster helianthi in sunflower	2022	Journal of Plant Pathology	104	1		115	130	10.1007/s42161-021-00934-x
Manga A.; Sathish P.	IoT-Based Medication Reminder Devices: Design and Implementation	2022	Handbook of Smart Materials, Technologies, and Devices: Applications of Industry 4.0:	1			613	645	10.1007/978-3-030-84205-5_106
Madduru D.; Stephen N.B.; Vijay U.; Pappu P.; Suravajhala P.; Bandapalli O.R.	Recent advancements in immunotherapy interventions for the management of liver cancer	2022	Theranostics and Precision Medicine for the Management of Hepatocellular				225	243	10.1016/B978-0-323-99283-1.00021-5
Sriram K.; Nour D.; Choi C.S.	Influence of Comptonization region over the ambiance of accretion disc in active galactic nucleus	2022	Monthly Notices of the Royal Astronomical Society	510	3		3222	3235	10.1093/mnras/stab3610
Kumar Naik S.J.; Hassanpour M.; Pamucar D.	Iranian Small and Medium-Sized Industries	2022	Handbook of Smart Materials, Technologies, and Devices: Applications of Industry 4.0:	3			1777	1803	10.1007/978-3-030-84205-5_57
Srilatha M.; Bharathi A.	Low Access Latency and High Throughput for Full-Duplex Cognitive Radio Using Mobility Caching Placement Strategy	2022	Advances in Technology Innovation	7	2		143	154	10.46604/aiti.2022.8504
Sumalatha E.; Nyathani M.; Babu T.A.; Ravinder D.; Prasad N.V.K.; Katlakunta S.	Eco-friendly synthesis, TEM and magnetic properties of Co-Er nano-ferrites	2022	Biointerface Research in Applied Chemistry	12	1		910	928	10.33263/BRIAC121.910928
Ahmed M.R.; Sekhar K.C.; Ahammed S.; Sathe V.; Alrowaili Z.A.; Amami M.; Olarinoye I.O.; Al-Buriah M.S.; Tonguc B.T.; Shareefuddin M.	Synthesis, physical, optical, structural and radiation shielding characterization of borate glasses: A focus on the role of SrO/Al <sub>2</sub> O <sub>3</sub> substitution	2022	Ceramics International	48	2		2124	2137	10.1016/j.ceramint.2021.09.301

Velisoju V.K.; Aytam K.P.; Akula V.	Hydroxyapatite-Based Catalysts	2022	Design and Applications of Hydroxyapatite-Based Catalysts				241	268	10.1002/9783527830190.ch7
Kammara V.; Venkataswamy P.; Angineni R.; Hima Bindu G.; Velpula S.; Rupula K.; Vithal M.	Ag <sub>2</sub> VO <sub>2</sub> PO <sub>4</sub> Nanorods: Synthesis, Characterization, Photoactivity and Antibacterial activity	2022	Zeitschrift für Anorganische und Allgemeine Chemie	648	2	e202100264			10.1002/zaac.202100264
Chandra Sekhar K.; Shareefuddin M.; El-Denglawey A.; Saddeek Y.B.	Structural and optical properties of BaTiO <sub>3</sub> modified cadmium alkali borate glasses	2022	Physica Scripta	97	3	35704			10.1088/1402-4896/ac53c7
Ravi Kumar D.; Lincoln C.A.; Vijaya Charan G.; Thara G.; Ravinder D.; Veeraswamy M.; Naresh P.	Study of photo catalytical, antimicrobial activity, dielectric and ac impedance properties of Zn doped Mg nanoferrites synthesized from citrate gel auto combustion method	2022	Materials Chemistry and Physics	278		125648			10.1016/j.matchemphys.2021.125648
Raju S.; Ashok D.; Boddu A.R.	Leucaena Leucocephala Mediated Green Synthesis of Silver Nanoparticles and Their Antibacterial, Dye Degradation and Antioxidant Properties	2022	International Journal of Nanoscience and Nanotechnology	18	1		65	78	
Fathima N.; Sultana Q.; Anees S.; Ullah K.; Ryu V.; Khan A.A.; Ishaq M.	Autoimmune thyroid patients with CTLA-4 (+49A/G) GG/AG genotypes have high seropositivity to thyroid peroxidase than thyroglobulin	2022	Meta Gene	31		101010			10.1016/j.mgene.2022.101010
Gurrula S.; Raj S.; Cvs S.; Anumolu D.P.; Naraparaju S.; Nizampet H.	Response Surface Methodology in Spectrophotometric Estimation of Saxagliptin, Derivatization with MBTH and Ninhydrin; [Saxagliptinin Spektrofotometrik Tahmininde Tepki Yüzey Metodolojisi, MBTH ve Ninhidrin ile Uygulanması]	2022	Turkish Journal of Pharmaceutical Sciences	19	1		9	18	10.4274/tjps.galenos.2021.93195
Sirisha B.; Nazeemuddin M.A.	A novel five-level voltage source inverter interconnected to grid with srf controller for voltage synchronization	2022	Bulletin of Electrical Engineering and Informatics	11	1		50	58	10.11591/eei.v11i1.3274

Gugulothu B.; Bhukya R.N.	Crosstalk noise analysis of coupled on-chip interconnects using a multiresolution time domain (MRTD) technique	2022	Journal of Computational Electronics	21	1		348	359	10.1007/s10825-021-01828-y
Manjari K.S.; Avvari S.; Khan I.A.; Prasad D.K.V.	MicroRNAs and Cancer Signaling Pathways	2022	Role of MicroRNAs in Cancers				13	36	10.1007/978-981-16-9186-7_2
Venkateswarlu K.; Rambabu A.; Shankar D.S.; Lakshmi P.V.A.; Shivaraj	A Treatise on Furan Cored Schiff Base Cu(II), Ni(II) and Co(III) Complexes Accentuating Their Biological Efficacy: Synthesis, Thermal and Spectroscopic Characterization, DNA Interactions, Antioxidant and Antibacterial Activity Studies	2022	Chemistry and Biodiversity	19	3	e202100686			10.1002/cbdv.202100686
Babu B.S.; Manjari P.S.; Reddy C.H.S.	Oxygenation of Substituted (Phenylthio)acetic Acids by Acidic Bromate: A Kinetic and Mechanistic Study and Validity of Linear Free-Energy Relationships	2022	Asian Journal of Chemistry	34	3		575	582	10.14233/ajchem.2022.23509
Sultana Q.; Naik M.G.	Trap efficiency of reservoirs: concept, review, and application	2022	Water, Land, and Forest Susceptibility and Sustainability: Geospatial				29	59	10.1016/B978-0-323-91880-0.00035-0
Komaraiah D.; Radha E.; Sivakumar J.; Sayanna R.	Influence of Fe <sup>3+</sup> ions on the optical properties and photocatalytic ability of spin coated Fe <sup>3+</sup> -doped brookite TiO <sub>2</sub> thin films	2022	Functional Composites and Structures	4	1	15010			10.1088/2631-6331/ac5d27
Kancherla R.; Kumar V.R.; Prabhaker Reddy G.; Sridhar S.	Nitrate removal studies on polyurea membrane using nanofiltration system-membrane characterization and model development	2022	Chemical Product and Process Modeling	17	1		81	99	10.1515/cppm-2020-0041
Kodipaka M.; Emineni S.P.; Kolloju P.	Difference Scheme for Differential-Difference Problems with Small Shifts Arising in Computational Model of Neuronal Variability	2022	International Journal of Applied Mechanics and Engineering	27	1		91	106	10.2478/ijame-2022-0007

Gazal U.	Ionic liquids in metrological analysis and applications	2022	Advanced Applications of Ionic Liquids				443	463	10.1016/B978-0-323-99921-2.00009-4
Midha V.K.; Joshi S.; Dakuri A.	Surgical gown fabrics in infection control and comfort measures at hospitals	2022	Indian Journal of Fibre and Textile Research	47	1		96	104	
Nyathani M.; Sriramulu G.; Babu T.A.; Prasad N.V.; Ravinder D.; Katlakunta S.	Crystal chemistry, magnetic and dielectric properties of nickel doped strontium ferrites	2022	Biointerface Research in Applied Chemistry	12	1		929	939	10.33263/BRIAC 121.929939
Pulusu V.S.; Kamatala C.R.; Utkoor U.K.; Nagannagari M.R.; Yelike H.S.; Arisha S.S.R.; Gugulothu Y.	Silica Supported Acids (HClO <sub>4</sub> -SiO <sub>2</sub> , KHSO <sub>4</sub> -SiO <sub>2</sub> ) as Eco-friendly Reusable Catalysts for Bromodecarboxylation of $\alpha,\beta$ -Unsaturated Carboxylic Acids using KBr under Solvothermal and Solvent-Free Conditions	2022	Asian Journal of Chemistry	34	3		535	542	10.14233/ajchem.2022.23457
Tadepalli R.K.; Rao C.S.P.; Narayana Rao K.; Rama Sastry D.V.A.	Semi Active Vibration Control Device for Secondary Suspension of a Railway Wagon to Improve Ride Comfort	2022	Advances in Science and Technology	120			127	138	10.4028/p-55g085
Vyshnava S.S.; Pandluru G.; Kumar K.D.; Panjala S.P.; Paramasivam K.; Banapuram S.; Anupalli R.R.; Dowlatabad M.R.	Biocompatible Ni-doped CdSe/ZnS semiconductor nanocrystals for cellular imaging and sorting	2022	Luminescence	37	3		490	499	10.1002/bio.4199
Jeedi V.R.; Ganta K.K.; Mallaiah Y.; Swarnalatha R.; Reddy S.N.; Chary A.S.	Influence of succinonitrile plasticizer on ionic conductivity, structural and dielectric properties of potassium-based PEO/PVdF blend polymer electrolyte	2022	Journal of Polymer Research	29	2	64			10.1007/s10965-022-02912-y
Bhattacharya J.; Chaitanya A.K.; Hegde N.; Singh S.; Kour A.; Nitnavare R.	Vegetable Crop Improvement Through CRISPR Technology for Food Security	2022	Genome Editing: Current Technology Advances and Applications for Crop				27	53	10.1007/978-3-031-08072-2_2

Awol A.M.; Waghay K.; Prabhakara Rao P.G.; Math R.G.	Preparation and Characterization of Enset Starch (ES) Based Films: Plasticized by Glycerol and Sorbitol	2022	Iranian Journal of Chemistry and Chemical Engineering	41	2		446	454	10.30492/ijcce.2021.114496.3761
Angineni R.; Venkataswamy P.; Ramaswamy K.; Raj S.; Veldurthi N.K.; Vithal M.	Preparation, characterization and photocatalytic activity studies of transition metal ion doped K <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub>	2022	Polyhedron	214		115620			10.1016/j.poly.2021.115620
Ali M.M.	ADRS: Automated Details Retrieval System for victims of Incidents and Accidents using Fingerprint	2022	International Journal of Computing and Digital Systems	13	1		1265	1275	10.12785/ijcds/1201101
Vishnupriya Y.	Domestic Violence Against Women: Law and Practice in India	2022	Gender, Law and Social Transformation in India				163	172	10.1007/978-981-19-8020-6_10
Shailaja A.K.; Afreen U.	Formulation and Evaluation of Naproxen Sodium Loaded Invasomes for Topical Delivery	2022	Current Nanomedicine	12	1		32	43	10.2174/2468187312666220513113117
Sathish P.; Aivelu Manga N.	IoT-Based Smart Farming System Using MQTT Protocol and ML Algorithms	2022	Handbook of Smart Materials, Technologies, and Devices: Applications of Industry 4.0:	2			1613	1635	10.1007/978-3-030-84205-5_112
Savithri J.	E-resources for the Professional Development of English Teachers	2022	Continuing Professional Development of English Language Teachers:				169	188	10.1007/978-981-19-5069-8_11
Kumar P.P.; Sagar K.; Akshay R.	A Relative Survey on Vertical Handover Mechanisms in Internet of Vehicles	2022	2022 1st International Conference on Computer, Power and Communications				259	263	10.1109/ICCCPC55978.2022.10072162

Lakkireddy C.; Vishwakarma S.K.; Raju N.; Ahmed S.I.; Bardia A.; Khan M.A.; Annamaneni S.; Khan A.A.	Fabrication of Decellularized Amnion and Chorion Scaffolds to Develop Bioengineered Cell-Laden Constructs	2022	Cellular and Molecular Bioengineering	15	1		137	150	10.1007/s12195-021-00707-7
Manokari M.; Mehta S.R.; Priyadarshini S.; Badhepuri M.K.; Jayaprakash K.; Cokul Raj M.; Shekhawat M.S.	Histochemical basis of the distinct anatomical features and characterization of primary and secondary metabolites during somatic embryogenesis in Santalum album L.	2022	Trees - Structure and Function	36	1		215	226	10.1007/s00468-021-02199-4
Singh G.; Prasad D.K.V.; Sushma P.S.; Manjari K.S.	The Impact of MicroRNAs in Cell Adhesion and Tumour Angiogenesis	2022	Role of MicroRNAs in Cancers				53	71	10.1007/978-981-16-9186-7_4
Kaur J.; Parida R.; Ghosh S.; Lavuri R.	Impact of materialism on purchase intention of sustainable luxury goods: An empirical study in India	2022	Society and Business Review	17	1		22	44	10.1108/SBR-10-2020-0130
Ahmad Z.; Shah T.A.; Reddy K.P.; Ghosh S.; Panpatil V.; Kottoru S.K.; Rayees S.; Rao D.R.	Immunology in Medical Biotechnology	2022	Fundamentals and Advances in Medical Biotechnology				179	207	10.1007/978-3-030-98554-7_6
Bhat M.Y.; Gul M.Z.; Dar J.S.	Gene Expression and Role of Antioxidant Enzymes in Crop Plants Under Stress	2022	Antioxidant Defense in Plants: Molecular Basis of Regulation				31	56	10.1007/978-981-16-7981-0_3
Neeraja B.; Koteswara Rao N.V.; Rajendra Naik B.; Harshitha K.	Design of High Speed Ethernet Based Receiver Processor Unit for Radar applications	2022	Proceedings - 2022 4th International Conference on Advances in Computing				1656	1660	10.1109/ICAC3N56670.2022.10074480
Bharadwaj S.; Dhand V.; Kalyana Lakshmi Y.	Biodegradable Composite for Smart Packaging Applications	2022	Biodegradable Materials and their Applications				593	625	10.1002/9781119905301.ch21

Choppari T.; Gunnam S.; Chennuru L.N.; Cherla P.M.; Talluri M.V.N.K.	Evaluation of Chiral Liquid Chromatographic Method for Separation and Quantification of Isomers of Brivaracetam	2022	Journal of Chromatographic Science	60	3		250	259	10.1093/chromsci/bmab075
Buchanna G.; Premchand P.; Govardhan A.	Classification of Epileptic and Non-Epileptic Electroencephalogram (EEG) Signals Using Fractal Analysis and Support Vector Regression	2022	Emerging Science Journal	6	1		138	150	10.28991/ESJ-2022-06-01-011
Kamsani S.; Vodnala S.; Bhavani A.K.D.; Rayala N.	Design and Synthesis of Novel Bis-Morpholinotriazine Analogs and their Antibacterial, Antifungal and Antioxidant Studies	2022	Asian Journal of Chemistry	34	3		720	726	10.14233/ajchem.2022.23656
Prasanna Sheela M.; Prashant S.; Kavi Kishor P.B.; Murthy D.K.	In silico Evaluation of 2,4-diaminoquinazoline Derivatives as Possible Anticancer agents	2022	Current Trends in Biotechnology and Pharmacy	16	1		14	22	10.5530/ctbp.2022.1.2
Roy S.; Mittal P.; Tayi L.; Bondada S.; Ray M.K.; Patel H.K.; Sonti R.V.	Xanthomonas oryzae pv. oryzae Exoribonuclease R Is Required for Complete Virulence in Rice, Optimal Motility, and Growth Under Stress	2022	Phytopathology	112	3		501	510	10.1094/PHYTO-07-21-0310-R
Poloji N.; Hasan P.; Hasan S.N.	The galaxy population of the core of the Coma cluster	2022	Monthly Notices of the Royal Astronomical Society	510	3		4463	4472	10.1093/mnras/stab3427
Ravinder P.; Manasa M.; Roopa D.; Bukhari N.A.; Hatamleh A.A.; Khan M.Y.; Reddy M.S.; Hameeda B.; Enshasy H.A.E.; Hanapi S.Z.; Sayyed R.Z.	Biosurfactant producing multifarious Streptomyces puniceus RHPR9 of Coscinium fenestratum rhizosphere promotes plant growth in chilli	2022	PLoS ONE	17	45354	e0264975			10.1371/journal.pone.0264975
Hari Kumar N.; Ravinder D.; Anil Babu T.; Venkatesh N.; Swathi S.; Krishna Prasad N.V.	Development of Cu <sup>2+</sup> substituted Ni-Zn ferrite nano-particles and their high-temperature semiconductor behaviour	2022	Journal of the Indian Chemical Society	99	3	100362			10.1016/j.jics.2022.100362

Ahmed S.A.; Rajiya S.; Samee M.A.; Ahmmad S.K.; Jaleeli K.A.	Density of Bismuth Boro Zinc Glasses Using Machine Learning Techniques	2022	Journal of Inorganic and Organometallic Polymers and Materials	32	3		941	953	10.1007/s10904-021-02183-y
Pasha A.; Kumbhakar D.V.; Sana S.S.; Ravinder D.; Lakshmi B.V.; Kalangi S.K.; Pawar S.C.	Role of Biosynthesized Ag-NPs Using Aspergillus niger (MK503444.1) in Antimicrobial, Anti-Cancer and Anti-Angiogenic Activities	2022	Frontiers in Pharmacology	12		812474			10.3389/fphar.2021.812474
Bujji S.; Kumar E.P.; Sivan S.K.; Manjunatha D.H.; Subhashini N.J.P.	Design, Synthesis, Anticancer Evaluation, and Molecular Docking Studies of Novel Benzoxazole Linked 1,3,4-Oxadiazoles	2022	Anti-Cancer Agents in Medicinal Chemistry	22	5		933	942	10.2174/1871520621666210706120203
Kapardi B.S.	A Study of Deep Learning Algorithm for Brain Computer Interface Cinematics	2022	Proceedings of 5th International Conference on Contemporary Computing and				1143	1147	10.1109/IC3I56241.2022.10072540
Kavitha B.; Sravanthi M.; Saritha Reddy P.	Studies on DNA binding, cleavage, molecular docking, antimicrobial and anticancer activities of Cr(III), Fe(III), Co(II) and Cu(II) complexes of o-vanillin and fluorobenzamine Schiff base ligand	2022	Applied Organometallic Chemistry	36	3	e6531			10.1002/aoc.6531
Sanjeeva R.; Geelan D.; Jagannadham V.	Predicting the pK a Values of the Deprotonation Equilibria of Benzenonium Carbocations	2022	Resonance	27	2		283	288	10.1007/s12045-022-1314-5
Velpula S.; Beedu S.R.; Rupula K.	Biopolymer-based trimetallic nanocomposite synthesis, characterization and its application in the catalytic degradation of 4-nitrophenol	2022	Journal of Materials Science: Materials in Electronics	33	5		2677	2698	10.1007/s10854-021-07476-z
Sree B.S.; Aparna Y.; Babu T.A.; Prasad N.V.K.; Rao B.S.; Chittury K.L.; Ravinder D.	Indium Tin Oxide Nanocomposites-Green Synthesis, Characterization, Morphology and Optical Properties Using Almond Gum	2022	Letters in Applied NanoBioScience	11	1		3134	3141	10.33263/LIANB S111.31343141



Begum N.; Manipriya K.; Veeresh B.	Role of high-fat diet on letrozole-induced polycystic ovarian syndrome in rats	2022	European Journal of Pharmacology	917		174746			10.1016/j.ejphar.2022.174746
Gupta H.; Reddy K.K.; Gandla V.; Paridula L.; Chiluka M.; Vashisth B.	Freshwater discharge from the large and coastal peninsular rivers of India: A reassessment for sustainable water management	2022	Environmental Science and Pollution Research	29	10		14400	14417	10.1007/s11356-021-16811-0
M M.; Badhepuri M.K.; M C.; Sandhya D.; Dey A.; Kumar V.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	Validation of meta-Topolin in organogenesis, improved morpho-physio-chemical responses, and clonal fidelity analysis in Dioscorea pentaphylla L. – an underutilized yam species	2022	South African Journal of Botany	145			284	292	10.1016/j.sajb.2021.12.039
Bandari G.; Nirmala Devi P.L.; Srividya P.	Wild Animal Detection using a Machine Learning Approach and Alerting using LoRa Communication	2022	2022 International Conference on Smart Generation Computing						10.1109/SMARTGENCON56628.2022.10083577
Kumar S.; Baggi T.R.	Analytical Methods for Herbal Products Containing Synthetic Cannabinoids: A Review	2022	Forensic Chemistry	27		100396			10.1016/j.forc.2021.100396
Ravinder D.; Hashim M.; Upadhyay A.; Ismail M.M.; Kumar S.; Kumar R.; Meena S.S.; Khalilullah A.	Investigation of structural and magnetic properties of La doped Co–Mn ferrite nanoparticles in the presence of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> phase	2022	Solid State Communications	342		114629			10.1016/j.ssc.2021.114629
Kumar R.N.; Surekha M.V.; Ramalingam B.; Kumar P.U.; Polasa K.; Hemalatha R.; Bhima B.; Harishankar N.; Satyavani M.; Satyanarayana K.; Ghosh S.	Oral Toxicity Study for Salmonella Killing Lytic Bacteriophage NINP13076 in BALB/c Mice and Its Effect on Probiotic Microbiota	2022	Current Microbiology	79	3	89			10.1007/s00284-021-02754-9
Bhattacharya J.; Nitnavare R.; Ghosh S.	Molecular approaches for removal of toxic metal by genetically modified microbes	2022	Wastewater Treatment: Molecular Tools, Techniques, and Applications				47	59	10.1201/9781003165057-5

Sura R.S.; Subrahmanyam C.V.S.; Rachamalla S.S.	DESIGN AND EVALUATION OF LIQUISOLID COMPACTS OF NEBIVOLOL HYDROCHLORIDE	2022	International Journal of Applied Pharmaceutics	14	2		293	307	10.22159/ijap.2022v14i2.43657
Avvari S.; Rishitha M.; Manjari K.S.; Poornima S.; Khan I.A.	Oxidative Stress Modulation with MicroRNAs in Cancers	2022	Role of MicroRNAs in Cancers				73	91	10.1007/978-981-16-9186-7_5
Daravath S.; Rambabu A.; Ganji N.; Ramesh G.; Anantha Lakshmi P.V.; Shivaraj	Spectroscopic, quantum chemical calculations, antioxidant, anticancer, antimicrobial, DNA binding and photo physical properties of bioactive Cu(II) complexes obtained from trifluoromethoxy aniline Schiff bases	2022	Journal of Molecular Structure	1249		131601			10.1016/j.molstruc.2021.131601
Al-Ghanimi M.G.; Hanif O.; Jain M.V.; Kumar A.S.; Ramana Rao M.V.; Kavin R.; Malla S.G.; Malla J.M.R.; Hossain M.A.	Two TS-Fuzzy Controllers based Direct Torque Control of 5-Phase Induction Motor	2022	10th IEEE International Conference on Power Electronics, Drives and						10.1109/PEDES56012.2022.10080625
Athma P.; Mamatha B.	Investors' Perception towards ETFs and IFs in India	2022	Finance India	36	1		209	222	
Jagadha S.; Gopal D.; Kumar P.V.; Kishan N.; Durgaprasad P.	Three dimensional MHD nano fluid stagnation point flow with higher order chemical reaction	2022	Journal of Thermal Engineering	8	2		286	298	10.18186/thermal.1086264
Bumrah G.S.; Jani M.; Bhagat D.S.; Dalal K.; Kaushal A.; Sadhana K.; Sriramulu G.; Das A.	Zinc oxide nanoparticles for detection of latent fingerprints on nonporous surfaces	2022	Materials Chemistry and Physics	278		125660			10.1016/j.matchemphys.2021.125660
Venkateswarlu K.; Anantha Lakshmi P.V.; Shivaraj	Synthesis, spectroscopic and thermal studies of Cu+2, Ni+2 and Co+3 complexes of Schiff base containing furan moiety. Antitumor, antioxidant, antibacterial and DNA interaction studies	2022	Applied Organometallic Chemistry	36	2	e6530			10.1002/aoc.6530

Jannapu Reddy R.; Waheed M.; Haritha Kumari A.; Rama Krishna G.	Interrupted CuAAC-Thiolation for the Construction of 1,2,3-Triazole-Fused Eight-Membered Heterocycles from O-/N-Propargyl derived Benzyl Thiosulfonates with Organic Azides	2022	Advanced Synthesis and Catalysis	364	2		319	325	10.1002/adsc.202101256
Varukolu M.; Palnati M.; Nampally V.; Gangadhari S.; Vadluri M.; Tigulla P.	New Charge Transfer Complex between 4-Dimethylaminopyridine and DDQ: Synthesis, Spectroscopic Characterization, DNA Binding Analysis, and Density Functional Theory (DFT)/Time-Dependent DFT/Natural Transition Orbital Studies	2022	ACS Omega	7	1		810	822	10.1021/acsomega.1c05464
Talakayala A.; Ankanagari S.; Garladinne M.	Harnessing CRISPR/Tools for Installing Virus Resistance in Cereals: An Overview	2022	Next-Generation Plant Breeding Approaches for Stress Resilience in Cereal Crops				433	452	10.1007/978-981-19-1445-4_13
Vemuri S.K.; Halder S.; Banala R.R.; Rachamalla H.K.; Devraj V.M.; Mallarpu C.S.; Neerudu U.K.; Bodlapati R.; Mukherjee S.; Venkata S.G.P.; Venkata G.R.A.; Thakkumalai M.; Jana K.	Modulatory Effects of Biosynthesized Gold Nanoparticles Conjugated with Curcumin and Paclitaxel on Tumorigenesis and Metastatic Pathways—In Vitro and In Vivo Studies	2022	International Journal of Molecular Sciences	23	4	2150			10.3390/ijms23042150
Akkanapalli U.; Mudigonda M.; Samavedam S.S.; Koppadi M.	Estimation of PSD and Non-linear Entropy Parameters of FHRV	2022	Proceedings - 2022 International Conference on Recent Trends in				450	453	10.1109/ICMAC54824.2022.10093425
Suryanarayana A.	Impact of Leadership Styles on Employees' Innovation Behavior in Select Private Commercial Banks: Mediating Role of Knowledge Sharing and Empowerment	2022	Review of Integrative Business and Economics Research	12	3		19	49	
Kumar G.S.; Sumukam R.R.; Rajaboina R.K.; Savu R.N.; Srinivas M.; Banavoth M.	Perovskite Nanowires for Next-Generation Optoelectronic Devices: Lab to Fab	2022	ACS Applied Energy Materials	5	2		1342	1377	10.1021/acsaem.1c03284
Dulhare U.N.; Mubeen A.	Detection and Classification of Rheumatoid Nodule using Deep Learning Models	2022	Procedia Computer Science	218			2401	2410	10.1016/j.procs.2023.01.215

Ungarala R.; Munikumar M.; Sinha S.N.; Kumar D.; Sunder R.S.; Challa S.	Assessment of Antioxidant, Immunomodulatory Activity of Oxidised Epigallocatechin-3-Gallate (Green Tea Polyphenol) and Its Action on the Main Protease of SARS-CoV-2—An In Vitro and In Silico Approach	2022	Antioxidants	11	2	294			10.3390/antiox1020294
Iyer G.R.; Utage P.; Devi R.R.; Vattam K.K.; Hasan Q.	Expanding the clinico-molecular spectrum of Angelman syndrome phenotype with the GABRG3 gene: Evidence from methylation and sequencing studies	2022	Annals of Human Genetics	86	2		71	79	10.1111/ahg.12449
Sultana U.; Vanamala P.; Zahoor Gul M.	Cyanobacteria for Bioremediation of Contaminated Soil	2022	Microbial and Biotechnological Interventions in Bioremediation and Phytoremediation				203	220	10.1007/978-3-031-08830-8_9
Ravindar A.; Raja Rao P.	Isolation and characterization of an effective biofuel producing oleaginous Cutaneotrichosporon curvatum BRV096	2022	Research Journal of Chemistry and Environment	26	2		28	32	10.25303/2602rjce2832
Muralikrishna G.; Mallesham G.; Kannan M.	Autonomous Integrity Monitoring of INS/GPS Integrated Navigation System under Multipath Environment	2022	6th International Conference on Electronics, Communication and Aerospace				55	62	10.1109/ICECA55336.2022.10009084
Dharavath R.; Sarasija M.; Prathima K.N.; Ram Reddy M.; Panga S.; Thumma V.; Ashok D.	Microwave-assisted synthesis of (6-((1-(4-aminophenyl)-1H-1,2,3-triazol-4-yl)methoxy)substituted benzofuran-2-yl)(phenyl)methanones, evaluation of in vitro anticancer, antimicrobial activities and molecular docking on COVID-19	2022	Results in Chemistry	4		100628			10.1016/j.rechem.2022.100628
Alekhya A.; Sailaja A.K.	Formulation and Evaluation of Letrozole Nanoparticles by Salting Out Technique and Determination of Anticancer Activity by MTT Assay	2022	Nano Biomedicine and Engineering	14	3		246	253	10.5101/nbe.v14i3.p246-253
Anoor P.K.; Yadav A.N.; Rajkumar K.; Kande R.; Tripura C.; Naik K.S.; Burgula S.	Methanol extraction revealed anticancer compounds Quinic Acid, 2(5H)-Furanone and Phytol in Andrographis paniculata	2022	Molecular and Clinical Oncology	17	5	151			10.3892/mco.2022.2584

Praveen Kumar A.; Reddy C.	Comprehensive Analysis on Low Power Health Monitoring System using Fog Computing in Passive Optical Networks	2022	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and				476	484	10.1109/I-SMAC55078.2022.9987329
Abdul Mannan E.M.; Nagabhooshanam E.; Moinuddin M.M.; Vathsal S.	Energy Efficient Error-free Cooperative Transmission for Wireless Networks	2022	3rd International Conference on Power, Energy, Control and Transmission						10.1109/ICPECT556089.2022.10047083
Krishna N.V.; Anantha B.; Rao Kumbha S.S.; Jahagirdar D.R.	Metamaterial - Based Mushroom Array Antenna with Complementary Split Ring Resonator	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				1053	1057	10.1109/MAPCON56011.2022.10047020
Bharath K.; Nandigama S.V.; Dasari R.K.; Pandharipande V.M.	High Performance Millimeter Wave SIW Slotted Array Antenna	2022	Progress In Electromagnetics Research C	125			15	23	10.2528/PIERC2072508
Modugumudi H.; Shyamsunder M.; Bharathi A.; Swetha M.; Jahagirdar D.R.	Design of Monopulse Comparator Network Using Gap Waveguide Technology at W-Band	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				47	51	10.1109/MAPCON56011.2022.10046815
Nagaraj P.; Narsimha V.B.; Prasad A.V.K.; Sujatha B.	Swine flu Detection and Location using Machine Learning Techniques and GIS	2022	International Journal of Advanced Computer Science and Applications	13	9		901	909	10.14569/IJACS A.2022.01309115
Nagalaxmi T.; Sreenivasa Rao E.; Chandrasekhar P.	Design and development of low power clock and data recovery circuit for asynchronous network on chips	2022	Journal of Integrated Circuits and Systems	17	3				10.29292/v17i3.640
Thallapalli N.; Prasanna S.V.S.N.D.L.	Prediction of Solar Radiation Using Data Driven Models	2022	Journal of Physics: Conference Series	2332	1	12017			10.1088/1742-6596/2332/1/012017

Kumar K.S.; Naik B.M.; Vahini S.; Kunooru B.; Ramakrishna D.	Design of Miniaturized Planar Inverted F Antenna	2022	2022 IEEE 2nd Ukrainian Microwave Week, UkrMW 2022 - Proceedings				281	284	10.1109/UkrMW58013.2022.10037119
Toomula S.; Pelluri S.	Design of Kernel Extreme Learning Machine based Intelligent Crop Yield Prediction Model	2022	International Conference on Automation, Computing and Renewable Systems ICACRS				694	701	10.1109/ICACRS55517.2022.10029093
Abdul Mannau E.M.; Nagabhooshanam E.; Moinuddin M.M.; Vathsar S.	Optimum Relay Selection using OSBO Algorithm for Cooperative Transmission Networks	2022	3rd International Conference on Power, Energy, Control and Transmission						10.1109/ICPECT556089.2022.10047321
Rupula K.	Foreword	2022	Bacterial Fish Diseases				xxix	xxxii	10.1016/B978-0-323-85624-9.00015-4
Sravanthi M.; Venkateswara Rao S.; Krishnaveni K.; Meenuga V.K.L.; Kariveda S.	STUDIES ON COMPRESSIVE STRENGTH MICROSTRUCTURAL ANALYSIS OF SELF-COMPACTING MORTAR WITH BACTERIA	2022	Communications - Scientific Letters of the University of Žilina	24	4		D183	D200	10.26552/com.C.2022.4.D183-D200
Kuchana V.; Kashetti V.; Tangeda S.J.; Manga V.	Design, synthesis and molecular docking study of thiophenyl hydrazone derivatives as tubulin polymerization inhibitors	2022	Synthetic Communications	52	21		2029	2047	10.1080/00397911.2022.2125324
Gul M.Z.; Rupula K.; Beedu S.R.	Nano-phytoremediation for soil contamination: An emerging approach for revitalizing the tarnished resource	2022	Phytoremediation: Biotechnological Strategies for Promoting Involvement				115	138	10.1016/B978-0-323-89874-4.00014-5
Sreeshobha E.; Sree Lakshmi G.	Performance Analysis and Comparison of P.I. Controller and ANN controller of Bidirectional DC/DC Converter for Hybrid Electric Vehicle System	2022	Proceedings - 2022 International Conference on Breakthrough in Heuristics and	2022- January			31	36	10.1109/BHARA T53139.2022.9932632

Rajyalakshmi G.; Ravikumar Y.; Ramakrishna D.; Kumbha S.R.	Design of Polarization-Insensitive Quad-band Metamaterial Absorber for RCS reduction	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						10.1109/INDICON56171.2022.10040213
Shyamsunder M.; Rao K.S.	Classification of LPI Radar Signals Using Multilayer Perceptron (MLP) Neural Networks	2022	Lecture Notes in Electrical Engineering	929			233	248	10.1007/978-981-19-5550-1_23
Madhavi Harika S.K.; Sudhakar M.; Basava Rao V.V.	Formulation and Characterization of Carvedilol In situ Gels for Oral Delivery-In vitro and In vivo Pharmacokinetic Studies	2022	Analytical Chemistry Letters	12	5		599	614	10.1080/22297928.2022.2132876
Jahangir M.Z.; Chandra Sekhar P.; Sikander M.; Krishna J.V.	Design and Implementation of FPGA based DDS-ADPLL for Resonant Frequency Tracking in Sensors	2022	2022 IEEE International Conference on Electronics, Computing and Communication						10.1109/CONECT55679.2022.9865678
Pradeep P.; Jaya Sankar K.; Chandra Sekhar P.	Bandwidth Enhancement of Two Element Closely Spaced MIMO Antenna for WLAN Applications	2022	Lecture Notes in Electrical Engineering	929			47	54	10.1007/978-981-19-5550-1_5
Venkataiah S.; Sthithapragna G.; Nagaraju N.; Vivek Yadav K.	INVESTIGATION OF INTERCOOLER FINS OF A TWO STAGE RECIPROCATING AIR COMPRESSOR	2022	UPB Scientific Bulletin, Series D: Mechanical Engineering	84	4		81	96	
Saida D.; Premchand P.	Brain Tumor Identification using Dilated U-Net based CNN	2022	International Journal of Computers, Communications and Control	17	6	4929			10.15837/ijcc.2022.6.4929
Venkatesh D.; Naga Raju V.	Some Fixed Point Results in Bicomplex Valued Metric Spaces	2022	Mathematics and Statistics	10	6		1334	1339	10.13189/ms.2022.100620

Swamy A.N.; Nandigama S.V.; Naik B.M.; Kunooru B.; Ramakrishna D.	Mutual Coupling Reduction Between Ultra-Wide Band Antennas for Millimeter Wave Applications	2022	2022 IEEE 2nd Ukrainian Microwave Week, UkrMW 2022 - Proceedings				285	288	10.1109/UkrMW58013.2022.10037088
Kalpana G.; Durga A.K.; Karuna G.	CNN Features and Optimized Generative Adversarial Network for COVID-19 Detection from Chest X-Ray Images	2022	Critical Reviews in Biomedical Engineering	50	3		1	17	10.1615/CritRevBiomedEng.2022042286
Banoji V.; Angajala K.K.; Ravulapelly K.R.; Vannada J.	Facile synthesis and antimicrobial activity of pyrazol-4-yl- and 2H-chromene-based substituted anilines via Michael addition followed by aromatization	2022	Synthetic Communications	52	23		2219	2229	10.1080/00397911.2022.2136002
Boda P.L.; Ramadevi Y.	A Systematic Review on Autonomous Vehicle: Traffic Sign Detection and Drowsiness Detection	2022	Communications in Computer and Information Science	1673	CCIS		41	51	10.1007/978-3-031-21385-4_4
Gadiraju P.; Dehury R.K.; Singh P.; Vanlalhruii C.; Dehury P.; Devaraju K.; Behera S.	Behavioral interventions towards knowledge and awareness of reproductive cancer care: A study on select Indians using an online survey	2022	Journal of Education and Health Promotion	11	1		371		10.4103/jehp.jehp_453_22
Akkanapalli U.; Mudigonda M.; Samavedam S.S.; Koppadi M.	Simulation of FHR Signals with Abnormal Variability	2022	13th International Conference on Advances in Computing, Control and	8			139	145	
Hayavadana J.; Arjun D.; Padmavathi K.; Tejaswini L.R.; Prakash C.	Development of women's dressing material treated with natural extracts of Punica granatum, Rubia cordifolia, and Butea monosperma	2022	Biomass Conversion and Biorefinery						10.1007/s13399-022-03416-x
Chaitanya N.S.; Ramachandram S.	Providing Security and Reducing the Utilization of Bandwidth in Cloud Environments	2022	13th International Conference on Advances in Computing, Control and	8			186	204	



Reddy M.H.; Manikumari N.; Raju M.M.; Naresh A.; Bisht D.C.S.; Gupta H.; Naik M.G.	Suspended sediment transportation analysis using soil water assessment tool (SWAT) for Peddavagu tributary in Godavari river basin in India	2022	Nonlinear Studies	29	4		1147	1161	
Bhattacharya J.; Shankhapal A.; Nitnavare R.; Ghosh S.	Microbially synthesized nanoparticles: aspect in plant disease management	2022	Biocontrol Mechanisms of Endophytic Microorganisms				303	325	10.1016/B978-0-323-88478-5.00007-9
Yele V.S.; Dasharatha R.; Vahini S.; Kunooru B.; Ramakrishna D.	A Series Fed Antenna Array at X-Band for Monopulse Operation	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				2042	2045	10.1109/MAPCON56011.2022.10047290
Ravi D.; Sonyanaik B.; Sakram B.	Green design, synthesis of novel 2-methoxy-3-aryl-1,8-naphthyridines and their biological and molecular docking study	2022	Results in Chemistry	4		100611			10.1016/j.rechem.2022.100611
Shetty V.M.; Madhavi M.; Babu P.R.	Parametric study on influence of ply drop-offs on buckling behaviour in composites	2022	International Journal of Computational Materials Science and Surface	11	2		84	98	10.1504/IJCMSS E.2022.10051917
Satyanarayana S.K.; Devi L.N.; Rao A.N.	MPIGA - Multipath Selection Using Improved Genetic Algorithm	2022	International Journal of Communication Networks and Information Security	14	1s		67	78	10.17762/IJCNIS.V14I1S.5595
Vanamala P.; Sindhura P.; Sultana U.; Vasavilatha T.; Gul M.Z.	Common bacterial pathogens in fish: An overview	2022	Bacterial Fish Diseases				279	306	10.1016/B978-0-323-85624-9.00010-5
Balu V.; Krishnaveni K.; Srinivas P.	TSK-Fuzzy Controllers for Novel Energy Management System of Renewable Energy Sources based AC Microgrid with Five Level Inverter	2022	2022 IEEE 10th Power India International Conference, PIICON 2022						10.1109/PIICON56320.2022.10045092

Kalla A.; Sunder M.S.; Anantha B.; Swetha M.; Jahagirdar D.R.	Design of a Monopulse Antenna using SIW Technology and Slot Arrays	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				1313	1317	10.1109/MAPCON56011.2022.10046998
Mukherjee S.; Kumari P.H.; Agrawal S.S.; Nagendran S.; Suravajhala R.	Omics in medicinal plants	2022	Omics in Horticultural Crops				561	572	10.1016/B978-0-323-89905-5.00007-0
Kiran V.; Rama Prasad V.S.	A-contractions relative to a weak distance	2022	Italian Journal of Pure and Applied Mathematics	48			708	715	
Devanapalli S.; Phaneendra K.	Cryptanalysis on "An Improved RFID-based Authentication Protocol for Rail Transit"	2022	Communications in Computer and Information Science	1737 CCIS			194	203	10.1007/978-3-031-23233-6_15
Naaz M.; Fatima K.; Naik B.R.	A Survey Paper on Capacitor Less Low Dropout Regulator	2022	International Conference on Electrical, Computer, and Energy Technologies						10.1109/ICECET55527.2022.9872998
Bairi S.; Alagarsamy V.; Rachamalla S.S.; Eppakayala L.	Synthesis and biological evaluation of aryl 1,2,4-oxadiazole incorporated (2-(oxazol)-1H-imidazoles as anticancer agents	2022	Results in Chemistry	4		100649			10.1016/j.rechem.2022.100649
Nandigama S.V.; Kamal K.M.; Muthukumar M.; Krishna D.R.	A Cavity Backed Printed Blade Antenna for S-Band 5G Access Points	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						10.1109/INDICON56171.2022.10039852
Saturi S.; Sandhya B.	Cancer Detection and Classification Using 3D-Convolutional Neural Networks	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International						10.1109/MysuruCon55714.2022.9972713

Toomula S.; Pelluri S.	An Extensive Survey of Deep Learning-Based Crop Yield Prediction Models for Precision Agriculture	2022	Cognitive Science and Technology				1	12	10.1007/978-981-19-2350-0_1
Shaziya H.; Kattula S.	LungNodNet-The CNN architecture for Detection and Classification of Lung Nodules in Pulmonary CT Images	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						10.1109/INDICON56171.2022.10039935
Thirupathi V.; Sagar K.	A Survey on MQTT Bridges, Challenges and its Solutions	2022	International Conference on Automation, Computing and Renewable Systems ICACRS				58	62	10.1109/ICACRS55517.2022.10029241
Laxman A.; Reddy N.S.S.; Naik B.R.	Area and Power Efficient Design of Novel Karatsuba Double MAC (K-DMAC)	2022	4th International Conference on Inventive Research in Computing				103	108	10.1109/ICIRCA54612.2022.9985758
Tripathi M.K.; Maktedar D.D.	Internal quality assessment of mango fruit: an automated grading system with ensemble classifier	2022	Imaging Science Journal	70	4		253	272	10.1080/13682199.2023.2166657
Nagarani M.; Bharathi A.	High Gain Top Loaded Helical Antenna	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						10.1109/INDICON56171.2022.10040023
Vijetha K.; Naik B.R.	High Speed Low Area DA Based FIR Filter Using EGDI Adder	2022	International Journal of Integrated Engineering	14	7		122	130	10.30880/ijie.2022.14.07.010
Avvari S.; Prasad D.K.V.; Khan I.A.	Role of MicroRNAs in Cell Growth Proliferation and Tumorigenesis	2022	Role of MicroRNAs in Cancers				37	51	10.1007/978-981-16-9186-7_3

Krishna K.R.; Rao C.V.G.	ETP-AKEP Enhanced Three Party Authenticated Key Exchange Protocols for Data Integrity in Cloud Environments	2022	International Journal of Information Security and Privacy	16	2				10.4018/IJISP.310515
Vamsi Krishna K.; Sritanvi S.; Reddy N.; Reddy S.; Nandyala D.; Pandarinath A.; Nagakumari G.; Mahesh R.; Venugopal Reddy P.; Kandrapu V.	Electronic and optical properties of double perovskites A <sub>2</sub> BX <sub>6</sub> (A = Cs; B = Sn, and (X = Cl, Br, I.) using modified Becke Johnson potential study	2022	Proceedings of SPIE - The International Society for Optical Engineering	12208		122080B			10.1117/12.2632942
Gouse S.; Dulhare U.N.	Automation of Rice Leaf Diseases Prediction Using Deep Learning Hybrid Model VVIR	2022	Communications in Computer and Information Science	1759 CCIS			133	143	10.1007/978-3-031-23092-9_11
Gul M.Z.; Rupula K.; Rao B.S.	Nanobioremediation: a novel application of green-nanotechnology in environmental cleanup	2022	Microbes and Microbial Biotechnology for Green Remediation				823	841	10.1016/B978-0-323-90452-0.00040-2
Sathish Kumar M.; Raj Kumar M.	Evaluation of Dump Slope Stability Using Slide, Geoslope, and Phase 2 Software	2022	Journal of Machine and Computing	2	1		33	41	10.53759/7669/jmc202202005
Botlagunta M.; Khatri K.; Madhavi Devi B.; Doneti R.; Pasha A.; Pawar S.C.	Differential Expression of DDX3 and microRNAs in Response to Hormone and Cisplatin Against Cervical Cancer	2022	Eurasian Journal of Medicine and Oncology	6	4		307	316	10.14744/ejmo.2023.96531
Septian B.; Irwan; Misbahuddin M.	Accuracy Improvement of Low-Cost GPS Receivers Using Decision Tree Algorithm	2022	8th IEEE International Conference on Smart Instrumentation, Measurement				101	105	10.1109/ICSIMA55652.2022.9928953
Nunsavath S.; Merugu A.; Mergu S.	Carrier Based PWM Method To Evaluate MLI Performance Using Output Voltage Boost Fed Induction Motor With Less Device Count	2022	2022 IEEE IAS Global Conference on Emerging Technologies, GlobConET 2022				267	275	10.1109/GlobConET53749.2022.9872424

Dandem M.; Bharathi A.; Kumbha S.R.	Metamaterial Based Anisotropic Metasurface for Broadband Cross Polarization Conversion	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						10.1109/INDICON56171.2022.10040071	
Banala R.; Nair V.; Nagaraj P.	Performance of Secure Data Deduplication Framework in Cloud Services	2022	Communications in Computer and Information Science	1673	CCIS			392	403	10.1007/978-3-031-21385-4_32
Raju A.; Rao B.S.; Madhukar K.; Reddy K.R.; Sadhu V.; Chouhan R.	Effect irradiation on physicochemical and mechanical properties of polymers and polymer blends	2022	Green Sustainable Process for Chemical and Environmental Engineering and					147	163	10.1016/B978-0-323-99643-3.00011-5
Gul M.Z.; Rupula K.; Beedu S.R.	Microbial consortia for pollution remediation—Success stories	2022	Microbial Consortium and Biotransformation for Pollution Decontamination					95	121	10.1016/B978-0-323-91893-0.00014-6
Shilpa K.; Adilakshmi T.; Chitra K.	Applying Machine Learning Techniques to Predict Breast Cancer	2022	Proceedings - 2022 2nd International Conference on Interdisciplinary Cyber Physical					17	21	10.1109/ICPS55917.2022.00011
Nayak S.K.; Ahmed M.S.; Pola S.; Banerjee D.; Soma V.R.; Chetti P.; Raavi S.S.K.	Ultrafast Nonlinear Optical Studies of Polycyclic Aromatic Hydrocarbon (PAHs) based Benzo[b]naphtho[1,2,3,4-pqr] Perylene using Femtosecond Z-scan	2022	Optics InfoBase Conference Papers				JTu4B.15			
Nakirekanti M.; Hemalatha Y.	MQWC BPFS WITH IMPROVED HARMONIC REJECTION FOR RADAR APPLICATIONS	2022	Telecommunications and Radio Engineering (English translation of Elektrosvyaz	81		11		27	44	10.1615/TelecomRadEng.2022043125
Taqiullah S.M.; Alshahrani T.; Shariq M.; Hakami J.; Ahmad N.; Alshehri A.M.; Chaudhary A.A.; Khan M.S.; Shinde S.M.; Slimani Y.; Ansari A.R.; Siddiqui M.A.; Imran M.; Khan F.	Utilization of infrared, Raman spectroscopy for structural analysis of alkali boro-germanate glasses	2022	Journal of Taibah University for Science	16		1		820	827	10.1080/16583655.2022.2119770

Bukya R.; Mangu B.; Bhaskar B.; Ramesh J.	Design and Performance Analysis of Compensation Capacitors In P-S Topology for Wireless System on Receiver Side	2022	2022 IEEE 2nd International Conference on Sustainable Energy and Future Electric						10.1109/SeFeT55524.2022.9909354
Harini Reddy M.; Manikumari N.; Mohan Raju M.; Bisht D.C.S.; Naresh A.; Gupta H.; Gopal Naik M.	Neural Networks Analysis of Suspended Sediment Transport Time Series Modeling in a River System	2022	Computational Intelligence-based Time Series Analysis				81	97	
Jahangir M.Z.; Paidimarry C.S.; Sikander M.; Shrivanthi M.V.	Design of an All Digital Phase-Locked Loop Using Cordic Algorithm	2022	Lecture Notes in Electrical Engineering	929			143	149	10.1007/978-981-19-5550-1_14
Vijetha T.; Krishna D.R.	Dual Band Notch Antenna for Ultra Wide Band Applications	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				1961	1965	10.1109/MAPCON56011.2022.10046691
Raveendra Babu P.; Dasari R.K.	Electromagnetic Band Gap based compact UWB Antenna with Dual Band Notch Response	2022	International Journal of Electrical and Electronics Research	10	4		1294	1298	10.37391/ijeer.100483
Mannan E.M.A.; Nagabhooshanam E.; Moinuddin M.M.; Vathsar S.	Bio-Inspired Optimization Algorithm in Optimum Relay Selection for Cooperative Transmission Networks	2022	3rd International Conference on Power, Energy, Control and Transmission						10.1109/ICPECT556089.2022.10046848
Bhavsingh B.; Mangu B.; Babu G.S.	Design and Analysis of a High-Efficiency dual side S-S Compensation topology of Inductive Power Transfer for EV battery charging System	2022	2022 IEEE 2nd International Conference on Sustainable Energy and Future Electric						10.1109/SeFeT55524.2022.9908627
Ravi E.; Kumar M.U.	Android Malware Detection with Classification Based on Hybrid Analysis and N-gram Feature Extraction	2022	Communications in Computer and Information Science	1760	CCIS		168	184	10.1007/978-3-031-23095-0_13

Omkar R.; Phaneendra K.	Numerical Simulation of Singularly Perturbed Delay Differential Equations With Large Delay Using an Exponential Spline	2022	International Journal of Analysis and Applications	20		63			10.28924/2291-8639-20-2022-63
Lavanya K.; Edukondalu L.; Raju M.M.; Naresh A.; Bisht D.C.S.; Gupta H.	Temperature and air velocity distribution in ripening chamber of fruits by CFD model	2022	Mathematics in Engineering, Science and Aerospace	13	3		581	592	
Chandrashekhar G.; Venkatalaxmi A.	Note on the Circular Rayleigh Problem	2022	Springer Proceedings in Complexity				367	376	10.1007/978-3-030-99792-2_31
Munnaluru A.; Nandigama S.V.; Dasari R.K.; Kunooru B.	A 2x4 microstrip antenna array for monopulse tracking radar at S-band	2022	2022 IEEE Microwaves, Antennas, and Propagation Conference, MAPCON 2022				186	190	10.1109/MAPCON56011.2022.10046706
Mannan E.M.A.; Nagabhooshanam E.; Moinuddin M.M.; Vathsals S.	High-Speed Data Transmission through High throughput using Slotted-ALOHA BCD Protocol	2022	3rd International Conference on Power, Energy, Control and Transmission						10.1109/ICPECT556089.2022.10047553
Jasmine S.K.Md.; Vidya Sagar Reddy G.; Gorityala N.; Sagurthi S.R.; Mungapati S.; Manikanta K.N.; Allam U.S.	In Silico Modeling and Docking Analysis of CTX-M-5, Cefotaxime-Hydrolyzing $\beta$ -Lactamase from Human-Associated Salmonella Typhimurium	2022	Journal of Pharmacology and Pharmacotherapeutics	13	2		135	147	10.1177/0976500X221109721
Uday K.N.; Chakravarthy M.; Mangu B.	Analysis of H6, HERIC and FB Single-Phase Transformerless Grid-Tied Inverter for minimization of leakage current using SVPWM strategy.	2022	2022 IEEE 2nd International Conference on Sustainable Energy and Future Electric						10.1109/SeFeT55524.2022.9908799
Raghavender M.; Shankar B.; Umamathi N.; Jalapathi P.	Synthesis of newer substituted chalcone linked 1, 2, 3-triazole analogs and evaluation of their cytotoxic activities	2022	Heterocyclic Communications	28	1		130	138	10.1515/hc-2022-0147

Suresh D.; Odelu V.; Reddy A.G.; Phaneendra K.; Kim H.S.	Provably Secure Pseudo-Identity Three-Factor Authentication Protocol Based on Extended Chaotic-Maps for Lightweight Mobile Devices	2022	IEEE Access	10			109526	109536	10.1109/ACCESS.2022.3205290
Balraj G.; Gurrapu R.; Anil Kumar A.; Sumalatha V.; Ayodhya D.	Facile synthesis and characterization of noble metals decorated g-C3N4 (g-C3N4/Pt and g-C3N4/Pd) nanocomposites for efficient photocatalytic production of Schiff bases	2022	Results in Chemistry	4		100597			10.1016/j.rechem.2022.100597
Rajyalakshmi G.; Ravi Kumar Y.	Design of Broad band Stacked Fractal Antenna with Defective Ground Structure for 5G Communications	2022	Smart Antennas, Electromagnetic Interference and Microwave Antennas for Wireless				185	195	
Pradeep P.; Kottareddygar J.S.; Sekhar Paidimarry C.	Design of a Novel Compact L-slotted Monopole Antenna for 5G Applications in sub-6 GHz Band	2022	3rd International Conference on Electronics and Sustainable Communication				394	397	10.1109/ICESC54411.2022.9885520
Konamgeri M.; Ashok B.; Natarajan H.; Anumakonda V.R.; Nachagoni N.; Chinthapatla S.	Nanocomposite Cotton Fabrics with In Situ Formed Gold Nanoparticles Using Citrus Lemon Leaf Extract as Reducing Agent	2022	Journal of Natural Fibers	19	16		14005	14013	10.1080/15440478.2022.2114975
Nagalaxmi T.; Sreenivasa Rao E.; Chandrasekhar P.	Design and Performance Analysis of Low Latency Routing Algorithm based NoC for MPSoC	2022	International Journal of Communication Networks and Information Security	14	1s		37	53	10.17762/IJCNIS.V14I1S.5590
Nambigari N.; Kodipaka A.; Vuradi R.K.; Airva P.K.; Sirasani S.	Binding and Photocleavage Studies of Ru (II) Polypyridyl Complexes with DNA: An In Silico and Antibacterial activity	2022	Analytical Chemistry Letters	12	2		266	282	10.1080/22297928.2021.2021110
Somashekar T.	The Optimization of Binary Feature Selection Problem using GSK Algorithm	2022	2022 IEEE 2nd International Conference on Mobile Networks and Wireless						10.1109/ICMNWC56175.2022.10031899



Gunda G.K.T.; Sridhar A.; Chauhan M.; Ansary M.; Chauhan P.; Sudhakar Goud R.; Udaya Laxmi G.; Balaji S.	Barren Island Volcano: Recent field findings	2022	Current Science	123	2		143	144	
Srinivas B.	GCC Countries' Financial Scenario: FDI Impression on GDP	2022	ECS Transactions	107	1		3983	3994	10.1149/10701.3983ecst
Kumarasamy K.; Shah R.G.; Sundaradoss M.V.; Balu S.K.; Ramachandran R.; Goud B.N.	Analytical approach on Indian bentonites from Rajasthan: Structural and physical characterization	2022	Materials Today: Proceedings	64			549	553	10.1016/j.matpr.2022.05.111
Ghose Mohiddin S.; Venkatesh S.	Material characterization of pure aluminium blended with graphene by friction stir processing technique	2022	Materials Today: Proceedings	56			1618	1621	10.1016/j.matpr.2022.02.652
Siva Kumar C.; Malleshm G.	A New Hybrid Boost Converter with Cuckoo Search MPPT for High Gain Enhancement of PEMFC	2022	Lecture Notes in Networks and Systems	461			295	308	10.1007/978-981-19-2130-8_24
Srujana S.; Anjamma M.; Alimuddin; Singh B.; Dhakar R.C.; Natarajan S.; Hechhu R.	A Comprehensive Study on the Synthesis and Characterization of TiO <sub>2</sub> Nanoparticles Using Aloe vera Plant Extract and Their Photocatalytic Activity against MB Dye	2022	Adsorption Science and Technology	2022		7244006			10.1155/2022/7244006
Mishra V.K.; Tiwari R.N.; Verma C.B.; Mukherjee A.; Dixit R.K.; Prabhakar G.	Kimberlitic olivine - A proxy to kimberlite petrogenesis and ascent process	2022	IOP Conference Series: Earth and Environmental Science	1032	1	12027			10.1088/1755-1315/1032/1/012027
Akkanapalli U.; Mudigonda M.	Classification of FHR Signals based on Morphological Features	2022	ECS Transactions	107	1		1637	1648	10.1149/10701.1637ecst

Sirikonda S.; Srinu C.; Parayitam L.	Evaluation of Positional Performance of NavIC Software Receiver with Inertial Sensor Measurements	2022	29th Saint Petersburg International Conference on Integrated Navigation						10.23919/ICINS51784.2022.9815430
Vinay Kumar V.; Bhikshma V.; Vijaya Prasad B.	Study on fresh and mechanical properties for different grades of geopolymer concrete with recycled coarse aggregate	2022	Materials Today: Proceedings	60			708	714	10.1016/j.matpr.2022.02.326
Gopal D.; Jagadha S.; Sreehari P.; Kishan N.; Mahendar D.	A numerical study of viscous dissipation with first order chemical reaction and ohmic effects on MHD nanofluid flow through an exponential stretching sheet	2022	Materials Today: Proceedings	59			1028	1033	10.1016/j.matpr.2022.02.368
Vidya M.; Bano T.; Velmakanni R.P.; Merugu R.; Jayasree D.	Molecular docking and antibacterial activity of some natural products against cariogenic Staphylococcus aureus	2022	Materials Today: Proceedings	66			496	500	10.1016/j.matpr.2022.05.588
Bhikshma V.; Kumar K.N.; Sudarshan K.	STUDY ON FLEXURAL BEHAVIOR OF ULTRA HIGH STRENGTH CONCRETE USING L-BOX	2022	Proceedings of International Structural Engineering and Construction	9	1		SUS	17	10.14455/ISEC.2022.9(1).SUS-17
Yellasiri R.; Tiruvayipati S.; Tumula S.; Reddy K.K.	A Peer-to-Peer Approach for Extending Wireless Network Base for Managing IoT Edge Devices Off-Gateway Range	2022	Smart Innovation, Systems and Technologies	282			551	559	10.1007/978-981-16-9669-5_50
Sanjeev R.; Jagannadham V.	Effect of Pyridine Type Nitrogen (=N-) on Hammett p: Invoking the Reactivity-Selectivity Principle: A Chemical Education Perspective	2022	World Journal of Chemical Education	10	3		91	94	10.12691/wjce-10-3-1
Kurni M.; Saritha K.; Mohammed M.S.; Sheikh G.	Applying Learning Analytics for Designing Effective Pedagogy for Online Courses: Analysis and Recommendations	2022	International Journal of Emerging Technologies in Learning	17	13		145	156	10.3991/ijet.v17i13.28873

Mukunda Vani M.; Sirisha P.; Talari V.K.; Sridhar S.	Synthesis of Iron Nanoparticles Loaded Proton Exchange Membrane for Microbial Fuel Cell Application	2022	Environmental Science and Engineering				713	721	10.1007/978-3-030-96554-9_47
Suryanarayana A.	Perceived HRM Practices and Organizational Commitment in Nepali Banking Sector: Mediating Role of Person-Organization Fit	2022	Review of Integrative Business and Economics Research	11	1		1	29	
Prakasham G.; Siva Rama Krishna L.; Seshu Kumar A.; Kandasamy J.	Microstructure characterization and mechanical properties of 2.25Cr-1Mo steel pipes using pulsed current GTAW	2022	Materials Today: Proceedings	62			4098	4107	10.1016/j.matpr.2022.04.642
Addanki V.K.; Chinthu S.; Uttarakavalli A.N.	Liquid phase hydrogenation of phenol catalyzed by silica supported palladium to yield cyclohexanone	2022	Materials Today: Proceedings	66			1678	1683	10.1016/j.matpr.2022.05.262
Madhuri S.; Shilpa Chakra C.; Sadhana K.; Divya V.	Sketchy synthesis of Mn3O4, Mn3O4/AC and Mn3O4/CNT composites for application of/in energy cache	2022	Materials Today: Proceedings	65			2812	2818	10.1016/j.matpr.2022.06.247
Bhukya S.; Bharadwaj A.; Murali Krishna T.; Babu N.V.P.; Mallesham G.	Control and Performance Analysis of Multifunctional Two Level STATCOM fed with Battery Storage System	2022	ICPC2T 2022 - 2nd International Conference on Power, Control and Computing						10.1109/ICPC2T53885.2022.9777063
Veena K.V.; Siddamalla S.; Deenadayal M.; Sisinthy S.; Bhanoori M.	Histone deacetylase 1, Sirtuin 1, and Sirtuin 3 single-nucleotide polymorphisms and the risk of endometriosis in South Indian women	2022	Journal of Obstetrics and Gynaecology	42	7		3230	3235	10.1080/01443615.2022.2109955
Endurthi A.; Khare A.	Two-Tiered Consensus Mechanism Based on Proof of Work and Proof of Stake	2022	Proceedings of the 2022 9th International Conference on Computing for Sustainable				349	353	10.23919/INDIACom54597.2022.9763215

Nidhi Madhuri A.; Bharathi A.; Swetha M.	X Band Miniaturized 90° Hybrid Coupler	2022	2022 IEEE Wireless Antenna and Microwave Symposium, WAMS 2022						10.1109/WAMS54719.2022.9847979
Jawade P.B.; Ramachandram S.	Multi-objective secure task scheduling based on SLA in multi-cloud environment	2022	Multiagent and Grid Systems	18	1		65	85	10.3233/MGS-220362
Suryanarayana A.	Perceived Social Support and Emotional Competence: An Empirical Study	2022	Review of Integrative Business and Economics Research	11	1		63	85	
Gugulothu R.; Bhalke S.; K L.; Dasari R.	Electromagnetic Simulation and Realization of MCM GaAs MMICs Based Packaging for High Gain (40 dB) and High-Power (33dBm) Transmitter Applications	2022	IETE Journal of Research						10.1080/03772063.2022.2103038
Madhu M.; Shashikumar N.S.; Gireesha B.J.; Kishan N.	Entropy Generation Analysis of MHD Micropolar Nanofluid Flow through a Micro Channel	2022	Discontinuity, Nonlinearity, and Complexity	11	4		569	582	10.5890/DNC.2022.12.001
Satyanarayana S.; Nirmala Devi L.	A reliable link selection and data aggregation strategy for wireless multimedia networks	2022	IEEE Sensors Letters				1	1	10.1109/LENS.2022.3178756
Krishna Murty Dora H.; Siva Rama Krishna L.; Ravinder Reddy P.	Enhancement in the production rate of a manufacturing industry – A case study	2022	Materials Today: Proceedings	64			207	211	10.1016/j.matpr.2022.04.442
Ramana S.; Ramu S.C.; Bhaskar N.; Murthy M.V.R.; Reddy C.R.K.	A Three-Level Gateway protocol for secure M-Commerce Transactions using Encrypted OTP	2022	Proceedings - International Conference on Applied Artificial Intelligence and Computing				1408	1416	10.1109/ICAIC53929.2022.9792908

A R.R.; Srinivas C.; Narsimlu N.	Morphology and optical absorption studies of RGO reinforced PVB nanocomposite films	2022	Materials Today: Proceedings	67			912	916	10.1016/j.matpr.2022.07.391
Panduro-Ramirez J.; Malyadri P.; Mayi K.; Poma-Garcia C.; Sisodia D.R.; Almashaqbeh H.A.	A Comparative Study in Understanding the Emerging Field of Blockchain Toward Effective Accounting Information Systems in Large Corporations	2022	2022 2nd International Conference on Advance Computing and Innovative				2468	2472	10.1109/ICACIT E53722.2022.9823723
Nizamuddin S.; Hymavathi A.; Yaku G.; Umesh Kumar U.	Green synthesis and characterization of ZnO nanoparticles-A novel approach using Carica papaya leaf extract	2022	Materials Today: Proceedings	62	P12		6854	6856	10.1016/j.matpr.2022.05.053
Ahmed M.A.; Ramachandram S.; Khan K.U.R.	A forward and backward secure conjunctive keywords dynamic searchable encryption scheme	2022	International Journal of Internet Technology and Secured Transactions	12	3		205	229	10.1504/IJITST.2022.122073
Kuna D.; Perumalla N.K.	Investigating the Positioning Capability of GPS and Galileo Constellations Over Indian Sub-continent	2022	Lecture Notes in Networks and Systems	461			829	842	10.1007/978-981-19-2130-8_64
Kumar A.H.; Naik B.R.	The Performance Analysis and comparison of Machine Learning Classifiers and Neural Network on Crop Recommendation	2022	8th International Conference on Advanced Computing and Communication				811	815	10.1109/ICACCS 54159.2022.9785065
Saturi S.; Banda S.	Modelling of deep learning enabled lung disease detection and classification on chest X-ray images	2022	International Journal of Healthcare Management						10.1080/20479700.2022.2102223
Ramu V.; Satish Kumar P.; Srinivas G.N.	LSPWM, PSPWM and NLCPWM on multilevel inverters with reduced number of switches	2022	Materials Today: Proceedings				710	727	10.1016/j.matpr.2021.10.410

Akkanapalli U.; Mudigonda M.; Sreeja S.S.; Meghana K.	Extraction of Morphological, Time domain and Non-linear Features of FHR Signals	2022	2022 1st International Conference on Electrical, Electronics, Information and						10.1109/ICEEICT53079.2022.9768509
Subbareddy K.V.; Devi L.N.	COVID-19 detection through convolutional neural networks and chest X-ray images	2022	International Journal of Medical Engineering and Informatics	14	4		336	346	10.1504/IJMEI.2022.123927
Rudhra A.; Chakravarthula B.C.N.	Bayesian Approach for the Estimation of Missing Responses in Randomized Block Design	2022	Thailand Statistician	20	1		227	232	
Yadav M.; Abdalla M.; Madhavi M.; Chopra I.; Bhrdwaj A.; Soni L.; Shaheen U.; Prajapati L.; Sharma M.; Sikarwar M.S.; Albogami S.; Hussain T.; Nayarisseri A.; Singh S.K.	Structure-Based Virtual Screening, Molecular Docking, Molecular Dynamics Simulation and Pharmacokinetic modelling of Cyclooxygenase-2 (COX-2) inhibitor for the clinical treatment of Colorectal Cancer	2022	Molecular Simulation	48	12		1081	1101	10.1080/08927022.2022.2068799
Gugulothu R.; Sanke N.; Nagadesi S.; Jilugu R.K.	Thermal Hydraulic Performance of Helical Baffle Shell and Tube Heat Exchanger Using RSM Method	2022	Lecture Notes in Electrical Engineering	897			167	187	10.1007/978-981-19-1824-7_11
Pramod Kumar P.; Sagar K.	A Proficient Vertical Handover Decision Making Algorithm in Internet of Vehicles with 5G	2022	Proceedings of the International Conference on Electronics and Renewable				456	462	10.1109/ICEARS53579.2022.9751892
Poornachander V.; Dhanalaxmi V.	Scalable, Opportunistic, Energy Efficient Routing (SOEER) - A Novel Clustering Approach for Wireless Sensor Networks	2022	Proceedings - International Conference on Applied Artificial Intelligence and Computing				1256	1264	10.1109/ICAIC53929.2022.9792656
Krishna Murty Dora H.; Siva Rama Krishna L.; Ravinder Reddy P.	Enhancement of safety and productivity all the way through function of ergonomics principles – A case study	2022	Materials Today: Proceedings	64			212	219	10.1016/j.matpr.2022.04.444

Prathibha L.; Fatima K.	A Novel High-Speed Data Encryption Scheme for Internet of Medical Things Using Modified Elliptic Curve Diffie-Hellman and Advance Encryption Standard	2022	International Journal of Image and Graphics			2340004			10.1142/S0219467823400041
Satheesh Goud J.; Srinivas C.; Narsimlu N.	Preparation and spectroscopic studies of ZnO incorporated PVA nanocomposite films	2022	Materials Today: Proceedings	67			872	878	10.1016/j.matpr.2022.07.311
Bokir A.; Narasimha V.B.	Fusion of diversified utility factors for high utility mining	2022	Journal of Intelligent and Fuzzy Systems	43	3		2391	2405	10.3233/JIFS-213037
Nijhawan M.; Godugu M.; Saxena T.; Farheen T.; Dwivedi K.	Pharmaceutical co-crystals of posaconazole for improvement of physicochemical properties	2022	Brazilian Journal of Pharmaceutical Sciences	58		e191024			10.1590/s2175-97902022e191024
Veerabhadra Rao K.; Ashok P.; Rao B.A.	MULTIFUNCTIONAL CrxCa(10-x)Al30Si60 GLASSES, ELECTRICAL CONDUCTIVITY AND THERMOLUMINESCENCE	2022	Rasayan Journal of Chemistry	15	1		509	515	10.31788/RJC.2022.1516827
Muramulla S.M.; Rajeshwari R.; Rejina Parvin J.; Anand Chakaravarthi M.C.; Janardhana K.; Bhattacharya S.	Study on induced aeration for fishery fields using floating SPV	2022	Journal of Physics: Conference Series	2272	1	12007			10.1088/1742-6596/2272/1/012007
Aditya C.R.; Sattaru N.C.; Gopal K.; Rahul R.; Chandra Shekara G.; Nasif O.; Alharbi S.A.; Raghavan S.S.; Jayadhas S.A.	Machine Learning Approach for Cardiovascular Risk and Coronary Artery Calcification Score	2022	BioMed Research International	2022		2632770			10.1155/2022/2632770
Srivani P.; Ramachandram S.; Sridevi R.	Multi-key searchable encryption technique for index-based searching	2022	International Journal of Advanced Intelligence Paradigms	22	45293		84	98	10.1504/IJAIP.2022.123017

Mamidanna S.K.; Reddy C.R.K.; Gujju A.	Detecting an Insider Threat and Analysis of XGBoost using Hyperparameter tuning	2022	Proceedings - IEEE International Conference on Advances in Computing						10.1109/ACCAI53970.2022.9752509
Santhosh Ramchander N.; Hegde N.P.	An Efficient Information Retrieval Technique for Document Classification	2022	Smart Innovation, Systems and Technologies	283			53	62	10.1007/978-981-16-9705-0_6
Sandeep Y.; Rambabu T.; Vinod G.; Venkata Narayana M.; Aravind G.; Nathaniel V.	Investigation of structural and dielectric properties of Gd <sup>3+</sup> substituted nickel-zinc ferrite prepared via low-temperature citrate gel self-ignited process	2022	Materials Today: Proceedings	59			1211	1220	10.1016/j.matpr.2022.03.423
Ayodhya D.; Ambala A.; Balraj G.; Pradeep Kumar M.; Shyam P.	Green synthesis of CeO <sub>2</sub> NPs using Manilkara zapota fruit peel extract for photocatalytic treatment of pollutants, antimicrobial, and antidiabetic activities	2022	Results in Chemistry	4		100441			10.1016/j.rechem.2022.100441
Kandula J.; Usha Sri P.; Ravinder Reddy P.; Gugulothu S.K.	Numerical and experimental evaluation of near-wake cavitation flow around axisymmetric cavitators	2022	Ships and Offshore Structures	17	5		1042	1052	10.1080/17445302.2021.1893458
Devaki A.; Rao C.V.G.	An Ensemble Framework for Improving Brain Stroke Prediction Performance	2022	2022 1st International Conference on Electrical, Electronics, Information and						10.1109/ICEEICT53079.2022.9768579
Srividya P.; Devi L.N.	Detection and Identification of Malicious Node in Wireless Sensor Networks from Packet Modifiers and Droppers	2022	Lecture Notes in Networks and Systems	350			659	671	10.1007/978-981-16-7618-5_56
Kumar R.; Sarkar C.; Panja S.; Khatua C.; Gugulothu K.; Sil D.	Biomimetic Nanocomposites for Biomedical Applications	2022	ACS Symposium Series	1410			163	196	10.1021/bk-2022-1410.ch007



Tella S.; Sultana S.; Madireddy S.; Nallari P.; Ananthapur V.	Epidermolysis bullosa: A report of three cases with novel heterozygous deletions in PLEC and homozygous non sense mutations in COL7A1 genes	2022	Indian Journal of Dermatology	67	1		45	49	10.4103/ijd.ijd_880_20
Supriya M.; Adilakshmi T.	Secure Cluster-Based Routing Using Modified Spider Monkey Optimization for Wireless Sensor Networks	2022	Smart Innovation, Systems and Technologies	282			247	255	10.1007/978-981-16-9669-5_23
Stephen N.B.; Suravajhala P.; Madduru D.; Bandapalli O.R.; Pappu P.; Vijay U.	Hepatocarcinogenesis and the role of next-generation sequencing in liver cancer	2022	Theranostics and Precision Medicine for the Management of Hepatocellular				45	57	10.1016/B978-0-323-98807-0.00002-8
Laxminarayana K.; Srikanth K.; Narsimulu M.; Narsihma L.; Satish Kumar M.; Srinivas M.	Luminescence studies of europium and terbium doped calcium orthosilicate phosphors	2022	Materials Today: Proceedings	59			742	746	10.1016/j.matpr.2021.12.499
Karre R.; Anantha B.	Coaxial Line Fed Dual Band Circularly Polarized Microstrip Antenna using Coupled	2022	2022 IEEE Wireless Antenna and Microwave Symposium, WAMS 2022						10.1109/WAMS54719.2022.9847944
Vijay U.; Pappu P.; Madduru D.; Stephen N.B.; Suravajhala P.; Bandapalli O.R.	Role of genetic insights and tumor microenvironment in liver cancer: New opportunities for gene therapy	2022	Theranostics and Precision Medicine for the Management of Hepatocellular				293	310	10.1016/B978-0-323-98806-3.00008-8
Srivani G.; Imran M.; Merchant N.; Mandala J.P.; Nagaraju G.P.	Role of succinate dehydrogenase in hepatocellular carcinoma	2022	Theranostics and Precision Medicine for the Management of Hepatocellular				167	180	10.1016/B978-0-323-98806-3.00014-3
Rajani Malathi A.; Usha Praveena V.J.; Sundara Murthy M.; Prasad G.	Vogel Fulcher analysis of electrical studies of NBT-CT ceramic composites	2022	Materials Today: Proceedings	59			449	458	10.1016/j.matpr.2021.11.462

Sanjeev R.; Ravi R.; Padmavathi D.A.; Jagannadham V.	pKaH of the Two Conjugate Acids (CH <sub>2</sub> N <sub>5</sub> <sup>+</sup> ) and (HN <sub>6</sub> <sup>+</sup> ) of Two Hypothetical Molecules the Pentazine (CHN <sub>5</sub> ) and the Hexazine (N <sub>6</sub> ) of Azabenzene Series: A Chemical Education Perspective	2022	World Journal of Chemical Education	10	3		105	109	10.12691/wjce-10-3-3
Sabeti S.; Shyamala K.	Detection of Black Hole Attack on Max LEACH Protocol	2022	2022 International Mobile and Embedded Technology Conference				199	204	10.1109/MECON53876.2022.9752395
Swetha R.; Siva Rama Krishna L.; Hari Sai Kiran B.; Ravinder Reddy P.; Venkatesh S.	Comparative study on life cycle assessment of components produced by additive and conventional manufacturing process	2022	Materials Today: Proceedings	62			4332	4340	10.1016/j.matpr.2022.04.840
Jawade P.; Borkar G.M.; Ramachandram S.	Confinement forest-based enhanced min-min and max-min technique for secure multcloud task scheduling	2022	Transactions on Emerging Telecommunications Technologies						10.1002/ett.4515
Bhukya S.; Bharadwaj A.; Murali Krishna T.; Babu N.V.P.; Maiti S.	Performance Evaluation of Dual Active Bridge Converter for Energy Storage Integration with STATCOM	2022	ICPC2T 2022 - 2nd International Conference on Power, Control and Computing						10.1109/ICPC2T53885.2022.9776792
Ghouse Mohiddin S.; Venkatesh S.	Influence of reinforcement on weld bead characteristics of friction stir processed Al5083/NFA composite	2022	Materials Today: Proceedings	56			1614	1617	10.1016/j.matpr.2022.02.651
Wisetsri W.; Syam E.; Alanya-Beltran J.; Kulkarni G.R.; Vardhan Reddy R.K.; Alam Sheikh M.F.	Assessing and Comparing the Role of Machine Learning (ML) and Supply Chain Management (SCM) Towards Enhancing E-Commerce	2022	2022 2nd International Conference on Advance Computing and Innovative				2574	2577	10.1109/ICACITE53722.2022.9823586
Sridher T.; Sarma A.D.; Kumar P.N.; Lakshmana K.	Distributed RSS-Based 2D Source Localization System in Extended Indoor Environment	2022	Progress In Electromagnetics Research C	120			159	177	10.2528/PIERC2021103

Raghavendra S.; Srividya P.; Mohseni M.; Bhaskar S.C.V.; Chaudhury S.; Sankaran K.S.; Singh B.K.	Critical Retrospection of Security Implication in Cloud Computing and Its Forensic Applications	2022	Security and Communication Networks	2022			1791491			10.1155/2022/1791491
Donthireddy L.; Vonteddu P.; Murthy T.; Kwak T.; Eraslan R.-N.; Podojil J.R.; Elhofy A.; Boyne M.T., II; PUISIS J.J.; Veglia F.; Singh S.S.; Dotiwala F.; Montaner L.J.; Gabrilovich D.I.	ONP-302 Nanoparticles Inhibit Tumor Growth By Altering Tumor-Associated Macrophages And Cancer-Associated Fibroblasts	2022	Journal of Cancer	13	6		1933	1944		10.7150/jca.69338
Pappu P.; Suravajhala P.; Vijay U.; Madduru D.; Stephen N.B.; Bandapalli O.R.	Conventional and novel biomarkers for the diagnosis and prognosis of liver cancer	2022	Theranostics and Precision Medicine for the Management of Hepatocellular				281	306		10.1016/B978-0-323-98807-0.00005-3
Teegala S.P.; Rao C.V.G.	A Novel Authentication Mechanism for SecureData Access based on Encryption Key Sharing for Cloud Web Application	2022	8th International Conference on Advanced Computing and Communication				1890	1897		10.1109/ICACCS54159.2022.9785039
Yelamasetti B.; Ramana G.V.; Sanke N.; Gupta N.	Numerical and experimental residual stress analysis of dissimilar metals of Inconel 718 and AISI 316 developed in GTAW process	2022	International Journal on Interactive Design and Manufacturing							10.1007/s12008-022-00932-y
Nakerekanti M.; Narsimha V.B.	Secured Multiparty Access Control Model for Online Social Networking using Machine Learning	2022	ECS Transactions	107	1		9359	9372		10.1149/10701.9359ecst
Sudarshan R.; Venkatesh S.; Balasubramanian K.	Microstructural Investigation with Process Variants in SPPS method of YSZ Coatings on SS304	2022	Proceedings of 2nd International Conference on Innovative Practices in				137	142		10.1109/ICIPTM54933.2022.9753882
Deepika M.; Hegde N.P.	Efficient Email Classification Algorithm for Better Customer Support	2022	Smart Innovation, Systems and Technologies	283			223	234		10.1007/978-981-16-9705-0_22

Samalla K.; Kumar P.N.	A Novel Study and Analysis on Global Navigation Satellite System Threats and Attacks	2022	Lecture Notes in Electrical Engineering	853			371	381	10.1007/978-981-16-9885-9_31
Singh S.; Ravindra J.V.R.; Naik B.R.	Design and implementation of network-on-chip router using multi-priority based iterative round-robin matching with slip	2022	Transactions on Emerging Telecommunications Technologies						10.1002/ett.4514
Bollakayala V.L.; Etakula N.; Vuba K.K.; Manne Y.S.; Uttaravalli A.N.	Preparation and characterization of green composites based on expanded polystyrene waste and biomass: Sustainable management approach	2022	Materials Today: Proceedings	66			1762	1768	10.1016/j.matpr.2022.05.275
Manmadhachary A.; Siva Rama Krishana L.; Saxena K.K.	Quantification of the accuracy of additive manufactured (3D printed) medical models	2022	International Journal on Interactive Design and Manufacturing						10.1007/s12008-022-00949-3
Suman J.; Shyamala K.; Roja G.	Energy-Efficient Routing in WSN: A Review	2022	ECS Transactions	107	1		1111	1124	10.1149/10701.1111ecst
Rajeshwar Reddy L.; Bhukya R.N.	A Comprehensive Survey on mm Wave Systems with Beamforming Effects in Antenna for 5G Applications	2022	2022 6th International Conference on Trends in Electronics and Informatics				504	509	10.1109/ICOEIS3556.2022.9777176
Naresh K.; Sudarshan K.; Bhikshma V.	EXPERIMENTAL STUDY ON STRENGTH CHARACTERISTICS OF ULTRA HIGH STRENGTH CONCRETE M-150	2022	Proceedings of International Structural Engineering and Construction	9	1		SUS	16	10.14455/ISEC.2022.9(1).SUS-16
Alekhy G.B.S.; Shashikanth K.; Prasad M.A.	Risk assessment of cost overrun using fuzzy logic model	2022	Materials Today: Proceedings	62			1803	1810	10.1016/j.matpr.2021.12.415

Kalpana P.; Venugopal Reddy A.; Pelluri S.	Security Enhancement in Cloud Environment Using Modified Key-based Crypto Method	2022	Lecture Notes in Networks and Systems	427			47	57	10.1007/978-981-19-1018-0_5
Gugulothu R.; Sanke N.; Ahmed F.; Somanchi N.S.; Naik M.T.	Numerical Investigation of Baffle Spacing in a Shell and Tube Heat Exchanger with Segmental Baffle	2022	Lecture Notes in Electrical Engineering	897			83	98	10.1007/978-981-19-1824-7_6
Renu R.; Waghay K.; Reddy P.D.S.	Effect of Azadirachta indica and Tamarindus indica leaf extract and evaporative cooling on the quality characteristics and shelf life of sapota (Manilkara zapota)	2022	Journal of Applied and Natural Science	14	1		61	67	10.31018/jans.v14i1.3187
Nitnavare R.; Bhattacharya J.; Ghosh S.	Nanoparticles for effective management of salinity stress in plants	2022	Agricultural Nanobiotechnology: Biogenic Nanoparticles, Nanofertilizers and Nanoscale				189	216	10.1016/B978-0-323-91908-1.00013-4
Vaddeboina V.; Kannapu H.P.R.; Jeon J.-K.; Park Y.-K.; Bhaskar K.	Coupling of nitrobenzene hydrogenation and 1, 4-butanediol dehydrogenation for the simultaneous synthesis of aniline and $\gamma$ -butyrolactone over copper-based catalysts	2022	Korean Journal of Chemical Engineering	39	1		109	115	10.1007/s11814-021-0988-9
Gampa M.; Padmaja P.; Aravind S.; Reddy P.N.	An efficient one-pot synthesis of indolyl-4H-chromene derivatives	2021	Chemistry of Heterocyclic Compounds	57	12		1176	1180	10.1007/s10593-021-03040-z
Sreenivasulu G.; Thulasi Chitra N.; Sujatha B.; Venu Madhav K.	Text Summarization Using Natural Language Processing	2022	Lecture Notes in Networks and Systems	191			653	663	10.1007/978-981-16-0739-4_62
Kareem M.M.; Lakshmi G.V.	Antioxidant and Catalytic Activity of Biosynthesized NiO Nanoparticles using Terminalia chebula Fruit Extract	2022	Asian Journal of Chemistry	34	1		35	41	10.14233/ajchem.2022.23406

Rani D.S.; Vijaya Kumar A.; Nallari P.; Sampathkumar K.; Dhandapany P.S.; Narasimhan C.; Rathinavel A.; Thangaraj K.	Novel Mutations in $\beta$ -MYH7 Gene in Indian Patients With Dilated Cardiomyopathy	2022	CJC Open	4	1		1	11	10.1016/j.cjco.2021.07.020
Spandana K.V.L.D.; Subhashini N.J.P.	TELMISARTAN AND AZELNIDIPINE QUANTIFICATION EMPLOYING HPLC STRATEGEM; STABILITY INVESTIGATION ON TELMISARTAN AND AZELNIDIPINE	2022	International Journal of Applied Pharmaceutics	14	1		261	265	10.22159/ijap.2022v14i1.43321
Adem K.; Boda S.; Sirgamalla R.; Macha R.	Synthesis, antimicrobial activities of novel 3-chloro-4-(2,4-difluorophenyl)-1-(3-aryl-1,8-naphthyridin-2-yl)azetidin-2-ones and 2-(2,4-difluorophenyl)-3-(3-aryl-1,8-naphthyridin-2-yl)thiazolidin-4-ones	2022	Synthetic Communications	52	5		667	677	10.1080/00397911.2022.2045321
Bengi K.; Maddikayala S.; Pulimamidi S.R.	DNA binding, cleavage, docking, biological and kinetic studies of Cr(III), Fe(III), Co(II) and Cu(II) complexes with ortho-vanillin Schiff base derivative	2022	Applied Organometallic Chemistry	36	1	e6451			10.1002/aoc.6451
Sarkar C.; Kommineni N.; Butreddy A.; Kumar R.; Bunekar N.; Gugulothu K.	PLGA nanoparticles in drug delivery	2021	Nanoengineering of Biomaterials: Drug Delivery & Biomedical Applications, 2 Volumes	45293			217	260	10.1002/9783527832095.ch8
Vadithya M.; Naikoti K.; Macha M.	Impact of Thermal Radiation on MHD Squeezing Flow of a Casson Fluid between Collateral Plates	2022	Discontinuity, Nonlinearity, and Complexity	11	2		363	372	10.5890/DNC.2022.06.015
Talakayala A.; Ankanagari S.; Garlandinne M.	CRISPR-Cas genome editing system: A versatile tool for developing disease resistant crops	2022	Plant Stress	3		100056			10.1016/j.stress.2022.100056
Veena K.V.; Siddamalla S.; Deenadayal M.; Shivaji S.; Bhanoori M.	DNMT1 and DNMT3B gene variants and their association with endometriosis in South Indian women	2022	Molecular Biology Reports	49	1		321	329	10.1007/s11033-021-06877-x

Ramesh G.; Venkateshwarlu C.; Rajashekar K.; Vinod G.; Naresh B.; Harikishan G.; Laxman Naik J.	Structure conformation, vibrational properties, nlo activity, homo-lumo and thermodynamic parameters of dinicotinic acid using experimental and theoretical approach	2022	Biointerface Research in Applied Chemistry	12	3		2752	2761	10.33263/BRIAC 123.27522761
Saturi R.; Prem Chand P.	A Novel Variant-Optimized Search Algorithm for Nuclei Detection in Histopathogy Breast Cancer Images	2022	Lecture Notes in Networks and Systems	286			673	684	10.1007/978-981-16-4016-2_64
Balaji G.; Sinha S.N.; Surekha M.V.; Kasturi V.; Mungamuri S.K.; Shashikala P.	Correlation studies on pathological changes in brain with neurotransmitters and behavioural changes in Balb/c mice	2022	Journal of Environmental Biology	43	1		43	51	10.22438/jeb/43/1/MRN-1863
Rao K.; Chodiseti B.; Gandhi S.; Giri A.; Kavi Kishor P.B.	Cadmium chloride elicitation of Abutilon indicum cell suspension cultures for enhanced stigmaterol production	2022	Plant Biosystems	156	3		613	618	10.1080/11263504.2021.1891151
Jeripotula P.R.; Rajendra Naik B.	Analysis of a Novel Adaptive Beamforming Algorithm with Varied Interelement Spacing for Smart Antennas	2022	Lecture Notes in Networks and Systems	287			505	518	10.1007/978-981-16-5348-3_40
Balaiah N.; Hemasri Y.; Rao Y.J.	Synthesis of ten membered di-oxa-carbocyclic annulated flavones and olefin tethered bisflavone derivatives–olefin ring closing / cross metathesis	2022	Arkivoc	2021	10	5430			10.24820/ARK.5550190.P011.644
Katta M.; Veladi S.	Outcomes of Common Fixed Point Theorems in S-metric Space	2022	Mathematics and Statistics	10	1		160	165	10.13189/ms.2022.100114
Sunkara M.S.; Annepally D.; Bitla D.K.; Boppy S.; Chidurala P.; Chiluka J.; Tangeda S.J.	TARGETTING THE 3BGQ - PIM1 KINASE INTERACTION WITH A SERIES OF NOVEL DITHIOCARBAMATE SUBSTITUTED 2-OXOINDOLE DERIVATIVES - IN SILICO STUDIES; [3BGQ - PIM1 K?NAZ ETK?LE??M?N? HEDEF ALAN YEN? D?T?YOKARRAMAT 2LE S?RST?T?E 2 OKSQ?NDOL	2022	Ankara Universitesi Eczacilik Fakultesi Dergisi	46	1		86	102	10.33483/jfpau.983848

Ashok B.; Devi M.P.I.; Sivaranjana P.; Rajulu A.V.; Ismail S.O.; Mohammad F.; Al-Lohedan H.A.; Nagarajan R.	Nanocomposite cotton gauze cloth with in situ generated silver, copper and their binary metal nanoparticles by bioreduction method	2022	Inorganic and Nano-Metal Chemistry						10.1080/24701556.2021.2025096
Kuchana V.; Kashetti V.; Peddi S.K.R.; Sivan S.; Manga V.	Integrated computational approach for in silico design of new purinyl pyridine derivatives as B-Raf kinase inhibitors	2022	Journal of Receptors and Signal Transduction	42	5		439	453	10.1080/10799893.2021.1999472
Gouda B.; Sinha S.N.; Chalamaiiah M.; Vakdevi V.; Shashikala P.; Veeresh B.; Surekha V.M.; Kasturi V.; Boiroju N.K.	Sex Differences in Animal Models of Sodium-Valproate-Induced Autism in Postnatal BALB/c Mice: Whole-Brain Histoarchitecture and 5-HT2A Receptor Biomarker Evidence	2022	Biology	11	1	79			10.3390/biology11010079
Alluguvelli R.; Balla C.S.; Naikoti K.; Makinde O.D.	Nanofluid Bioconvection in Porous Enclosure with Viscous Dissipation	2022	Indian Journal of Pure and Applied Physics	60	1		78	89	
Mallaiah K.; Pande P.; Gandhi R.K.; Ramachandram S.	Secure Encrypted Word Proximity Retrieval Framework for Outsourced Relational Database Backed Applications	2022	Lecture Notes in Networks and Systems	191			815	830	10.1007/978-981-16-0739-4_77
Bima A.I.H.; Elsamanoudy A.Z.; Albaqami W.F.; Khan Z.; Parambath S.V.; Al-Rayes N.; Kaipa P.R.; Elango R.; Banaganapalli B.; Shaik N.A.	Integrative system biology and mathematical modeling of genetic networks identifies shared biomarkers for obesity and diabetes	2022	Mathematical Biosciences and Engineering	19	3		2310	2329	10.3934/MBE.2022107
Satyanna K.; Srinivas V.	Some Results of Conditionally Sequential Absorbing and Pseudo Reciprocally Continuous Mappings in Probabilistic 2-Metric Space	2022	International Journal of Analysis and Applications	20	1	12			10.28924/2291-8639-20-2022-12
Poleboyina P.K.; Rampogu S.; Doneti R.; Pasha A.; Poleboyina S.M.; Bhanothu S.; Pasumarthi D.; S.D A.; Kumbhakar D.V.; Lee K.W.; Pawar S.C.	Screening and Identification of Potential iNOS Inhibitors to Curtail Cervical Cancer Progression: an In Silico Drug Repurposing Approach	2022	Applied Biochemistry and Biotechnology	194	1		570	586	10.1007/s12010-021-03718-2



Vijaya P.B.; Arun K.P.; Anand N.; Arumairaj P.D.; Dhilip T.; Kumar M.S.	Experimental Investigation on Fresh and Hardened Properties of High Calcium Flyash Based Geopolymer Concrete	2022	Materials Science Forum	1048 MSF			412	419	10.4028/www.scientific.net/MSF.1048.412
K P.; Ashok D.; Sarasija M.; Dharavath R.; Utkoor U.K.; Lakshmi V.V.S.; Ganji S.K.; Sripadi P.	Synthesis of spiro chromanone sandwiched 15,16,18 membered (Z)-dioxo cycloalkenes by ring closing metathesis and homodimers of 8-allyl-7-((6-bromoalkyl) oxy) spirochroman-4-ones by cross metathesis	2022	Synthetic Communications	52	5		745	754	10.1080/00397911.2022.2050757
Salahuddin M.; Manzar D.; Unissa A.; Pandi-perumal S.R.; Bahammam A.S.	The Global Shortage of Essential Drugs during the COVID-19 Pandemic: Evidence Based on Aggregated Media and Social Media Reports	2022	Journal of Nature and Science of Medicine	5	1		23	28	10.4103/jnsm.jnsm_61_21
Madhu M.; Shashikumar N.S.; Gireesha B.J.; Kishan N.	Thermal analysis of MHD Powell–Eyring fluid flow through a vertical microchannel	2022	International Journal of Ambient Energy	43	1		4454	4462	10.1080/01430750.2021.1910566
Madhukar S.; Kumar G.A.; Suman D.S.; Quadri S.A.P.; Ashok Kumar U.	Analysis of Microstructural Features and Corrosion Resistance of Cryogenic Burnished and Hydroxyapatite Powder Burnished Titanium Alloy	2022	Smart Innovation, Systems and Technologies	265			581	586	10.1007/978-981-16-6482-3_57
Mallikarjun A.; Sangeetha M.; Mettu M.R.; Jaipal Reddy M.; Siva Kumar J.; Sreekanth T.; Venkateswara Rao S.	Impedance spectroscopy and electrochemical cell studies of Mg <sup>2+</sup> ion conducting with dispersed ZrO <sub>2</sub> nano filler in PVDF-HFP based nano composite solid polymer electrolytes	2022	Materials Today: Proceedings	62			5204	5208	10.1016/j.matpr.2022.02.642
Sanjeev R.; Padmavathi D.A.; Jagannadham V.	Is Hammett Correlation of Dipole Moments of mono-Substituted Benzenes Helpful to Distinguish o,p-Directing Groups from m-Directing Groups in an Aromatic Electrophilic Substitution? A Chemical Education Perspective	2022	World Journal of Chemical Education	10	1		20	22	10.12691/wjce-10-1-3
Manojkumar P.; Harilal; Mahipal V.; Suresh G.; Venkatesh N.; Ramesh M.; Parthasarathy T.	Exploring the charge transfer dynamics of hydrogen bonded crystals of 2-methyl-8-quinolinol and chloranilic acid: synthesis, spectrophotometric, single-crystal, DFT/PCM analysis, antimicrobial, and DNA binding studies	2021	RSC Advances	11	63		39994	40010	10.1039/d1ra07658b

Manoj Kumar M.; Venkataramana P.; Yadagiri Swamy P.; Chityala Y.	N-Amino-1,8-Naphthalimide is a Regenerated Protecting Group for Selective Synthesis of Mono-N-Substituted Hydrazines and Hydrazides	2021	Chemistry - A European Journal	27	70		17713	17721	10.1002/chem.202102593
POTU N.; BHUKYA S.; JATOTH C.; PARVATANENI P.	Quality-aware energy efficient scheduling model for fog computing comprised IoT network	2022	Computers and Electrical Engineering	97		107603			10.1016/j.compeleceng.2021.107603
Shaw R.K.; Shaik M.; Santha Lakshmi Prasad M.; Prasad R.D.; Mohanrao M.D.; Senthilvel S.	Genomic regions associated with resistance to Fusarium wilt in castor identified through linkage and association mapping approaches	2022	Genome	65	3		123	136	10.1139/gen-2020-0048
Satish Kumar P.; Chandrasena R.P.S.; Victor Sam Moses Babu K.	Design and implementation of wind turbine emulator using FPGA for stand-alone applications	2022	International Journal of Ambient Energy	43	1		2397	2409	10.1080/01430750.2020.1736152
Ramdas K.; Reddy C.V.R.; Sireesha B.	Synthesis, Characterization, DNA Binding, Cleavage, Antibacterial, In vitro Anticancer and Molecular Docking Studies of Ni(II), Cu(II) and Zn(II) Complexes of 3,4,5-Trimethoxy-N-(3-Hydroxy-5-(Hydroxymethyl)-2-Methylpyridin-4-yl)methylene)Benzohydrazide	2022	Arabian Journal for Science and Engineering	47	1		407	418	10.1007/s13369-021-05562-2
Kujtan L.; Kancha R.K.; Gustafson B.; Douglass L.; Ward C.R.H.; Buzard B.; Subramanian J.	Squamous cell carcinoma of the lung: improving the detection and management of immune-related adverse events	2022	Expert Review of Anticancer Therapy	22	2		203	213	10.1080/14737140.2022.2029414
Jagadha S.; Hari Shing Naik S.; Durgaprasad P.; Naresh Kumar A.; Naikoti K.	Radiative Newtonian Carreau nanofluid through stretching cylinder considering the first-order chemical reaction	2022	International Journal of Ambient Energy	43	1		4959	4967	10.1080/01430750.2021.1929473
Poondla N.; Madduru D.; Duppala S.K.; Velpula S.; Nunia V.; Kharb S.; Ghatak S.; Mishra A.K.; Vuree S.; Neyaz M.K.; Suravajhala P.	Cervical cancer in the era of precision medicine: A perspective from developing countries	2021	Advances in Cancer Biology - Metastasis	3		100015			10.1016/j.adcan.2021.100015

Srinivas Reddy C.; Ali F.; Mahanthesh B.; Naikoti K.	Irreversibility analysis of radiative heat transport of Williamson material over a lubricated surface with viscous heating and internal heat source	2022	Heat Transfer	51	1		395	412	10.1002/htj.22312
Alluguvelli R.; Balla C.S.; Naikoti K.	Bioconvection in Porous Square Cavity Containing Oxytactic Microorganisms in the Presence of Viscous Dissipation	2022	Discontinuity, Nonlinearity, and Complexity	11	2		301	313	10.5890/DNC.2022.06.009
Bathula R.; Muddagoni N.; Lanka G.; Dasari M.; Potlapally S.R.	Glide docking, autodock, binding free energy and drug-likeness studies for prediction of potential inhibitors of cyclin-dependent kinase 14 protein in wnt signaling pathway	2022	Biointerface Research in Applied Chemistry	12	2		2473	2488	10.33263/BRIAC122.24732488
Anantha B.; Gosula R.S.R.	Compact Single Feed Dual Band Microstrip Patch Antenna with Adjustable Dual Circular Polarization	2022	IETE Journal of Research	68	1		216	224	10.1080/03772063.2019.1598293
Sivavadivel K.; Shunmugam M.; Raju M.; Muthuvelan V.; Devireddy K.	Influence of input parameters for prediction of GPS and IRNSS TEC by using OKRSM at Hyderabad stations during solar flare event	2022	Acta Geophysica						10.1007/s11600-021-00712-4
Budarapu S.K.; Harshasri K.; Kumar Y.R.; Naik B.R.	Design of Compact Microstrip Patch Antenna Using SRR Metamaterial for Wireless Applications	2022	Lecture Notes in Electrical Engineering	771			339	347	10.1007/978-981-16-2818-4_37
Chandrasekhar K.N.V.; Bhikshma V.; Bhaskara Reddy K.U.	Topology Optimization of Laminated Composite Plates and Shells using Optimality Criteria	2022	Journal of Applied and Computational Mechanics	8	2		405	415	10.22055/jacm.2019.31296.1858
Kandula J.; P U.S.; P R.R.; Gugulothu S.K.	Experimental investigation of near-wake characteristics of hydrodynamic cavitating flow around circular cylindrical pins of different geometries with and without ultrasonic transducers	2022	Advances in Materials and Processing Technologies	8	1		1084	1103	10.1080/2374068X.2020.1852522

Rani H.P.; Naresh K.; Rameshwar Y.; Starchenko S.V.	Heat Transfer Analysis of Tangentially Rotating Fluid Flow Past a Semi-infinite Vertical Cylinder Kept in Uniform Horizontal Magnetic Field Using Non-linear Regression and Back-Propagation Neural Network	2022	Springer Proceedings in Earth and Environmental Sciences				211	234	10.1007/978-3-030-91467-7_15
Chakravarthy V.; Prasanna S.V.S.N.D.L.; Suresh Kumar N.	Estimation and Simulation of Flows into an off-Taking Canal Using ANSYS	2022	Lecture Notes in Civil Engineering	176			21	29	10.1007/978-981-16-4629-4_2
Krishnaiah Y.; Prasad A.M.K.	Distortion Control in laser welding of SS316L using Taguchi optimisation Techniques	2022	International Journal of Mechanical Engineering	7	1		2112	2119	
Rahmani M.K.I.; Taranum F.; Nikhat R.; Farooqi Md.R.; Khan M.A.	Automatic Real-Time Medical Mask Detection Using Deep Learning to Fight COVID-19	2022	Computer Systems Science and Engineering	42	3		1181	1198	10.32604/csse.2022.022014
Sandeep Y.; Rambabu T.; Kunja L.; Borang O.; Aravind G.; Dode A.; Nathaniel V.	Low sintering effect on structural, electrical and magnetic properties of rare-earth metal ion Er <sup>3+</sup> -substituted nickel-zinc spinal ferrites	2022	Journal of Materials Science: Materials in Electronics	33	2		635	651	10.1007/s10854-021-07332-0
Umapathi N.; Shankar B.; Raghavender M.; Vishnu T.; Jalapathi P.	Some Novel [6-(Isoxazol-5-ylmethoxy)-3-methylbenzofuran-2-yl]phenylmethanone Derivatives, Their Antimicrobial Activity, and Molecular Docking Studies on COVID-19	2021	Russian Journal of General Chemistry	91			S112	S122	10.1134/S1070363222020256
Seetharam D.S.; Ramakrishna H.	Palaeoclimatic significance of non - striate disaccate pollen in Yellandu coalfield of Godavari graben, Telangana State	2021	Research Journal of Chemistry and Environment	25	12		10	18	10.25303/2512rjce1018
Ganapathi V.; Prasad T.R.; Valluru K.R.; Maraju S.; Mule S.N.R.; Guguloth V.	Ultrasound-Mediated Synthesis of Sulfonyl Urea Derivatives and Their In Vitro Antiproliferative Activity	2021	Russian Journal of Organic Chemistry	57	12		2048	2053	10.1134/S1070428021120228

Bharath Y.; Alugubelli G.R.; Sreenivasulu R.; Basaveswara Rao M.V.	Retraction Note to: Design, synthesis of novel oxazolidino-amides/sulfonamides conjugates and their impact on antibacterial activity (Chemical Papers, (2018), 72, 2, (457-468), 10.1007/s11696-017-0298-1)	2022	Chemical Papers	76	1		603		10.1007/s11696-021-01978-0
Rani H.P.; Narayana V.; Rameshwar Y.; Starchenko S.V.	Numerical Flow Analysis in ? Shaped Enclosure: Energy Streamlines and Field Synergy	2022	Springer Proceedings in Earth and Environmental Sciences				235	249	10.1007/978-3-030-91467-7_16
Shiva Samhitha S.; Raghavendra G.; Quezada C.; Hima Bindu P.	Green synthesized TiO2 nanoparticles for anticancer applications: Mini review	2022	Materials Today: Proceedings	54			765	770	10.1016/j.matpr.2021.11.073
Konda S.K.; Gutam M.; Thalari G.; Bhoga S.; Nayaki S.R.; Mattela K.; Krupadanam G.L.D.	Synthesis, characterization, and antifungal activity of novel chromene oxadiazole based dithiocarbamates	2022	Synthetic Communications	52	4		577	584	10.1080/00397911.2022.2039709
Addanki H.R.; Vallabhaneni M.R.; Chennamsetty S.; Pullagura P.; Sagurthi S.R.; Pasupuleti V.R.	An in silico ADMET, molecular docking study and microwave-assisted synthesis of new phosphorylated derivatives of thiazolidinedione as potential anti-diabetic agents	2022	Synthetic Communications	52	2		300	315	10.1080/00397911.2021.2024574
Lavuri R.	Extending the theory of planned behavior: factors fostering millennials' intention to purchase eco-sustainable products in an emerging market	2022	Journal of Environmental Planning and Management	65	8		1507	1529	10.1080/09640568.2021.1933925
Divya Sankar S.; Shashikanth K.; Naveen K.	Emergency Preparedness and Response—An Evidence-Based Onsite Audit Conducted in Two Hundred Organizations	2022	Lecture Notes in Civil Engineering	205			109	119	10.1007/978-981-16-7397-9_8
Sowmya J.; Padma B.; Leelavathi P.	Quinoline and 2-nitroimino-1, 3-diazacycloalkane hybrids: Design, synthesis and insecticidal activity	2022	Journal of the Indian Chemical Society	99	1	100279			10.1016/j.jics.2021.100279

B B.; N S.; P R.B.; Gugulothu S.K.	Hydrodynamic Bearing Performance Trade-off Study and Fuzzy Based Multi-objective Optimisation on a Offset Surface Textured Journal Bearing	2022	Advances in Materials and Processing Technologies	8	1		989	1006	10.1080/2374068X.2020.1835021
Chatamoni A.K.; Bhukya R.N.	Lightweight Compressive Sensing for Joint Compression and Encryption of Sensor Data	2022	International Journal of Engineering and Technology Innovation	12	2		167	181	10.46604/IJETI.2022.8599
Shadakshari A.J.; Suresha Kumara T.H.; Sowmya H.B.V.; Ismail; Harish B.G.; Yamuna A.J.	Recyclable Amberlite IR-120 Catalyzed domino reaction: Synthesis, anticancer activity and molecular docking studies of biscoumarins	2021	Journal of Molecular Structure	1246		131093			10.1016/j.molstruc.2021.131093
Khan B.; Hasan A.; Pandey D.; Ventayen R.J.M.; Pandey B.K.; Gowwrii G.	Fusion of Datamining and Artificial Intelligence in Prediction of Hazardous Road Accidents	2021	Machine Learning and lot for Intelligent Systems and Smart Applications				201	223	10.1201/9781003194415-12
Srinivas B.; Bhogi A.; Naresh P.; Hameed A.; Chary M.N.; Shareefuddin M.	Effect of SrO and TeO <sub>2</sub> on the physical and spectral properties of strontium tellurite boro-titanate glasses doped with Cu <sup>2+</sup> ions	2022	Journal of Non-Crystalline Solids	575		121218			10.1016/j.jnoncrsol.2021.121218
Singh S.; Ravindra J.; Naik B.R.	Design and Analysis of a Novel Low Complexity and Low Power Ping Lock Arbiter by using EGDI based CMOS Technique	2022	International Journal of Integrated Engineering	14	1		374	388	10.30880/ijie.2022.14.01.034
Suman G.; Vinay Kumar Reddy K.; Sreenath Reddy M.; Vidyasagar D.; Gopal Reddy C.; Yadagiri Reddy P.	Dose assessment due to natural gamma radiation levels and radioactive nuclides in the environment of Dasarlapally, Nalgonda District, Telangana State, India	2022	International Journal of Environmental Analytical Chemistry	102	19		7409	7418	10.1080/03067319.2020.1830984
Sanjeev A.; Reddy N.N.; Bhaskar S.; Rohini R.; Raju A.K.; Kumar B.V.; Hu A.; Reddy P.M.	Synthesis and Anticancer Activity of 3,4,5-Trimethoxycinnamamide-Tethered 1,2,3-Triazole Derivatives	2022	Russian Journal of Organic Chemistry	58	1		87	93	10.1134/S1070428022010122

Yeshiwas Z.; Krishniah A.	Spiral Toolpath Definition and G-code Generation for Single Point Incremental Forming	2022	Journal of Mechanical Engineering	17	1		91	102	10.24191/JMEC HE.V1711.15221
Tarun A.; Reddy G.P.	Artificial Neural Networks for Waste-water Treatment Plant Control	2022	Lecture Notes in Electrical Engineering	815			409	419	10.1007/978-981-16-7011-4_40
Maddu J.; Karrolla B.; Shaik R.U.; Vuppala S.	Comparative Study of Optimization Models for Evaluation of EDM Process Parameters on Ti-6Al-4V	2021	Modelling	2	4		555	566	10.3390/modelling2040029
Sura R.S.; Subrahmanyam C.V.S.; Rachamalla S.S.	BIOANALYTICAL RP-HPLC METHOD DEVELOPMENT AND VALIDATION OF CLOPIDOGREL BISULFATE IN WISTAR RAT PLASMA AND ITS APPLICATION TO PHARMACOKINETIC STUDY	2022	International Journal of Applied Pharmaceutics	14	1		106	111	10.22159/ijap.2022v14i1.43328
Anumolu P.D.; Gurralla S.; Menkana S.; Mathew C.; Srimantula L.	Application of fluorotag in quantification of metformin in tablet dosage form and biological samples	2022	Thai Journal of Pharmaceutical Sciences	46	1	TJPS-2021-0072.R1	93	98	
Dawood S.M.; Mumtaz F.; Padiya R.	Zingerone alleviates cadmium-induced nephrotoxicity in rats via its antioxidant and anti-apoptotic properties	2022	Revista de Ciencias Farmaceuticas Basica e Aplicada	43		e759			10.4322/2179-443X.0759
Noole V.; Krishna T.; Godeshala S.; Meraji S.; Rege K.; Reddy C.K.; Kedika B.	Synthesis and Biological Evaluation of New 1,2,3-Triazole Derivatives of the Chrysin Flavonoid as Anticancer Agents	2022	Anti-Cancer Agents in Medicinal Chemistry	22	1		160	168	10.2174/1871520621666210315090527
Sunilkumar B.; Patwardhan A.A.; Sunilkumar T.S.; Sinha D.K.; Sudarshan V.	Interference free fluorimetric determination of uranium in Indian monazites	2022	Journal of Radioanalytical and Nuclear Chemistry	331	1		331	338	10.1007/s10967-021-08075-2

Sunkara M.S.; Kuchana V.; Kudumula N.	MOLECULAR DOCKING STRATEGY FOR MULTI-TARGET INHIBITOR DISCOVERY OF SELECTED PLANT CONSTITUENTS IN BAUHINIA ACUMINATA; [BAUHINIA ACUMINATA'DAK? SEÇ?LM?? F?TO B?LE?ENLER?N ÇOK HEDEFL? ?NH?B?TÖR KE?F? ?C?N MOLEKÜLER VERİLE?T?RME STRATEJIS?]	2022	Ankara Üniversitesi Eczacılık Fakültesi Dergisi	46	1		144	159	10.33483/jfpau.987023
Nitturkar K.; Kishore R.	Effect of Replacement of Natural Aggregates with Recycled Coarse Aggregates on Strength of Ternary Blended Cement Concrete	2022	International Journal of Mechanical Engineering	7	1		2770	2777	
Kavyasree P.R.; Reddy B.S.	N-CUBIC SETS APPLIED TO LINEAR SPACES	2022	Kragujevac Journal of Mathematics	46	4		575	594	10.46793/KgJM at2204.575K
Sreehari P.; Srinivas R.C.; Naikoti K.	Magneto-Hydrodynamic Darcy-Forchheimer Jeffrey Nanofluid Flow Over a Nonlinear Radially Stretching Sheet with Radiation and Heat Generation/Absorption	2022	Discontinuity, Nonlinearity, and Complexity	11	2		285	300	10.5890/DNC.2022.06.008
Sudarshan R.; Rao B.M.; Nagaraju B.; Patil S.K.; Lohith Kumar K.	Magnetic Properties of Road Dust Using Environmental Magnetism Settings in Greater Hyderabad Municipal Corporation (GHMC), Telangana State, India	2022	Advances in Science, Technology and Innovation				263	270	10.1007/978-3-030-72543-3_60
Potu N.; Jatoth C.; Parvataneni P.	Optimizing resource scheduling based on extended particle swarm optimization in fog computing environments	2021	Concurrency and Computation: Practice and Experience	33	23	e6163			10.1002/cpe.6163
Sirisinahal S.; Murthy M.V.R.; Ramu S.C.; Reddy C.R.K.	Improvement of Data Security and Privacy in the Wireless Sensor Network Using Elliptical Curve Cryptography	2022	International Journal of Mechanical Engineering	7	1		2823	2827	
Sathish T.; Teja P.R.; Ramudu M.P.; Manjari P.S.; Rao R.K.	Correlation studies in the oxidation of Vanillin Schiff bases by acid bromate - A kinetic and semi-empirical approach	2022	Journal of the Indian Chemical Society	99	1	100233			10.1016/j.jics.2021.100233



Pulusu V.S.; Kamatala C.R.; Mardhanpally A.K.; Yelike H.S.; Gugulothu Y.; Mukka S.K.; Utkoor U.K.; Pulusu Y.	Silica Supported Acids (SiO <sub>2</sub> -HClO <sub>4</sub> , SiO <sub>2</sub> -KHSO <sub>4</sub> ) as Eco-Friendly Reusable Catalysts for Bromination of Aromatic and Heteroaromatic Compounds Using KBr under Solvothermal and Solvent-Free Conditions	2022	Silicon						10.1007/s12633-021-01489-3
Divya Sankar S.; Shashikanth K.; Mahender S.	Risk Management in Construction Industry	2022	Lecture Notes in Civil Engineering	183			45	55	10.1007/978-981-16-5543-2_4
Dutt S.; Gupta A.K.; Aadil K.R.; Bunekar N.; Mishra V.K.; Kumar R.; Gupta A.; Chaudhary A.; Kumar A.; Chawla M.; Gugulothu K.	Nanomaterials of metal and metal oxides for optical biosensing application	2021	Metal Oxides for Biomedical and Biosensor Applications				321	352	10.1016/B978-0-12-823033-6.00011-9
Archana J.; Annapurna A.; Devayani P.	Neuroprotective role of Tinospora cordifolia extract in streptozotocin induced neuropathic pain	2022	Brazilian Journal of Pharmaceutical Sciences	58		e18501			10.1590/s2175-97902020000118501
Gurralla S.; Raj S.; Subrahmanyam C.V.S.; Anumolu P.D.	Quality-by-Design Approach for Chromatographic Analysis of Metformin, Empagliflozin and Linagliptin	2022	Journal of Chromatographic Science	60	1		68	80	10.1093/chromsci/bmab030
Mettu M.R.; Mallikarjun A.; Jaipal Reddy M.; Siva Kumar J.	Optical properties of PMMA and PVDF-HFP blend with NaClO <sub>4</sub> salt	2022	Materials Today: Proceedings	62			5174	5176	10.1016/j.matpr.2022.02.581
Harish B.; Dakshinamurthy N.R.; Sridhar M.; Rao K.J.	A study on mechanical properties of high strength concrete with alccofine as partial replacement of cement	2022	Materials Today: Proceedings	52			1201	1210	10.1016/j.matpr.2021.11.037
Thallapalli N.; Kumar K.L.; Katepalli S.B.M.	Design and Analysis of Progressive Tool for Glass Brackets	2022	Smart Innovation, Systems and Technologies	265			167	176	10.1007/978-981-16-6482-3_17

Bhoi K.; Mohanty H.S.; Ravikant; Abdullah M.F.; Pradhan D.K.; Babu S.N.; Singh A.K.; Vishwakarma P.N.; Kumar A.; Thomas R.; Pradhan D.K.	Unravelling the nature of magneto-electric coupling in room temperature multiferroic particulate (PbFe <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> )-(Co <sub>0.6</sub> Zn <sub>0.4</sub> Fe <sub>1.7</sub> Mn <sub>0.3</sub> O <sub>4</sub> ) composites	2021	Scientific Reports	11	1	3149			10.1038/s41598-021-82399-7
Madhu M.; Shashikumar N.S.; Gireesha B.J.; Kishan N.	Second law analysis of MHD third-grade fluid flow through the microchannel	2021	Pramana - Journal of Physics	95	1	4			10.1007/s12043-020-02037-1
Lakshmi G.V.N.; Jayalaxmi A.; Veeramsetty V.	Optimal Placement of Distribution Generation in Radial Distribution System Using Hybrid Genetic Dragonfly Algorithm	2021	Technology and Economics of Smart Grids and Sustainable Energy	6	1	9			10.1007/s40866-021-00107-w
Mallikarjun G.; Krishnam Raju A.; Yadav J.S.	Synthesis and antimicrobial evaluation of benzothiazole linked isoxazole Schiff bases	2021	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	60B	11		1463	1470	
Dasgupta M.G.; Parveen A.M.; Rajasugunasekar D.; Ulaganathan K.	Wood transcriptome analysis and expression variation of lignin biosynthetic pathway transcripts in Ailanthus excelsa Roxb., a multi-purpose tropical tree species	2021	Journal of Biosciences	46	4	105			10.1007/s12038-021-00218-7
UMAPATHI N.; JALAPATHI P.; RAGHAVENDER M.; SHANKAR B.	Synthesis of (e)-1-(2,4-bis((1-phenyl-1h-1,2,3-triazol-4-yl)methoxy)phenyl)- 3-phenylprop-2-en-1-one derivatives and their antimicrobial activity	2021	Asian Journal of Chemistry	33	10		2341	2346	10.14233/ajchem.2021.23320
Rachuru S.; Vandanapu J.; Skelton A.A.	Theoretical determination of pK <sub>a</sub> of P(1)-H phospholes and their comparison with N(1)-H Azoles	2021	Australian Journal of Chemistry	74	9		660	668	10.1071/CH21122
Madduru D.; Dirsipam K.; Goli M.; Ramana Devi V.; Jahan P.	Association of reduced maternal sHLA-G5 isoform levels and elevated TNF- $\alpha$ /IL-4 cytokine ratio with Recurrent Pregnancy Loss: A study on South Indian women	2021	Scandinavian Journal of Immunology	94	4	e13095			10.1111/sji.13095

Sai Sushma S.P.; Swarupa G.; Nagesh T.; Pola S.; Rajitha P.; Vijaya Kumar B.; Upender G.	Enhanced photocatalytic activity of CdWO <sub>4</sub> /BaTiO <sub>3</sub> heterostructure for dye degradation	2021	New Journal of Chemistry	45	42		19723	19732	10.1039/d1nj01556g
Gugulothu B.; Bhukya R.N.	Transient Analysis of Crosstalk Noise Effects in SWCNT Bundle On-Chip Interconnects Using MRTD Technique	2021	ECS Journal of Solid State Science and Technology	10	10	101013			10.1149/2162-8777/ac2e7e
Vodnala S.; Bhavani A.K.D.; Pagilla S.; Allam M.; Rayala N.; Mudiraj A.; Babu P.P.	Synthesis and Cytotoxic Studies of Quinazoline-Triazole Hybrid Aza Heterocycles	2021	Russian Journal of General Chemistry	91	11		2304	2310	10.1134/S1070363221110189
Krishna G.J.; Ravi V.	High utility itemset mining using binary differential evolution: An application to customer segmentation	2021	Expert Systems with Applications	181		115122			10.1016/j.eswa.2021.115122
Shyamala; Ashok D.	Development of forced degradation studies of favipiravir by RP-HPLC	2021	Journal of Medical Pharmaceutical and Allied Sciences	10	6		3823	3826	10.22270/jmpas.V10I6.1493
Kulkarni S.R.; Balachandran S.M.; Ulaganathan K.; Balakrishnan D.; Prasad A.S.H.; Rekha G.; Kousik M.B.V.N.; Hajira S.K.; Kale R.R.; Aleena D.; Anila M.; Punniakoti E.; Dilip T.; Pranathi K.; Das M.A.; Shaik M.; Chaitra K.; Sinha P.; Sundaram R.M.	Mapping novel QTLs for yield related traits from a popular rice hybrid KRH-2 derived doubled haploid (DH) population	2021	3 Biotech	11	12	513			10.1007/s13205-021-03045-7
Dogamanti A.; Chiranjeevi P.; Aamate V.K.; Vagolu S.K.; Sriram D.; Balasubramanian S.; Sarasija M.	Indole-fused spirochromenes as potential anti-tubercular agents: design, synthesis and in vitro evaluation	2021	Molecular Diversity	25	4		2137	2148	10.1007/s11030-020-10108-z
Nitnavare R.B.; Bhattacharya J.; Singh S.; Kour A.; Hawkesford M.J.; Arora N.	Next Generation dsRNA-Based Insect Control: Success So Far and Challenges	2021	Frontiers in Plant Science	12		673576			10.3389/fpls.2021.673576

Bhemarajam J.; Prasad P.S.; Mohan Babu M.; Prasad M.	Spectroscopic and optical investigations on Er <sup>3+</sup> /Yb <sup>3+</sup> +co-doped bismuth–boroleadlithium glasses for solid state laser applications	2021	Optical Materials	122		111657			10.1016/j.optmat.2021.111657
Bukya R.; Mangu B.; Bhaskar B.; Bhavsingh B.	Analysis of Interoperability Different Compensation Network in Wireless EV Charging Systems	2021	2021 2nd Global Conference for Advancement in Technology, GCAT 2021						10.1109/GCAT52182.2021.9587618
Gunnam S.; Choppari T.; Lakshmi N.C.; Cherla P.M.; Siddiqui S.I.	Development and validation of teneligliptin stereoisomers by hplc using cellulose based immobilized polysaccharide chiral stationary phase	2021	Current Pharmaceutical Analysis	17	10		1317	1322	10.2174/1573412917999201102204804
Rajesh M.; Srinivas M.; John Sushma N.; Sanjay Kanna Sharma T.; Mallikarjuna K.; Deva Prasad Raju B.	Synthesis and luminescence properties of Pr <sup>3+</sup> ion-doped Ba <sub>3</sub> Y(PO <sub>4</sub> ) <sub>3</sub> phosphors	2021	Luminescence	36	8		1991	1996	10.1002/bio.4135
Kavi Kishor P.B.; Anil Kumar S.; Naravula J.; Hima Kumari P.; Kummari D.; Guddimalli R.; Edupuganti S.; Karumanchi A.R.; Venkatachalam P.; Suravajhala P.; Polavarapu R.	Improvement of small seed for big nutritional feed	2021	Physiology and Molecular Biology of Plants	27	10		2433	2446	10.1007/s12298-021-01071-6
Stalin S.; Edukondalu A.; Boukhris I.; Alrowaili Z.A.; Al-Baradi A.M.; Olarinoye I.O.; Gaikwad D.K.; Al-Buriah M.S.	Effects of TeO <sub>2</sub> /B <sub>2</sub> O <sub>3</sub> substitution on synthesis, physical, optical and radiation shielding properties of ZnO–Li <sub>2</sub> O–GeO <sub>2</sub> –Bi <sub>2</sub> O <sub>3</sub> glasses	2021	Ceramics International	47	21		30137	30146	10.1016/j.ceramint.2021.07.192
Amar N.; Kishan N.	The influence of radiation on MHD boundary layer flow past a nano fluid wedge embedded in porous media	2021	Partial Differential Equations in Applied Mathematics	4		100082			10.1016/j.padiff.2021.100082
Basani G.; Yamsani M.R.; Sura R.S.	Formulation development and evaluation of multiple unit pellet system of tamsulosin hydrochloride	2021	Research Journal of Pharmacy and Technology	14	10		5319	5324	10.52711/0974-360X.2021.00927

Kumar P.; Sinha R.K.; Daniel A.; Shah H.; Sriswan R.; Kokane A.; Mohapatra A.; Kashyap V.; Goel A.K.; Kumar V.; Kiran A.; Arlappa N.; Joshi A.; Nayak R.R.; Singh M.; Salasibew M.; Ghosh S.; Pawar S.M.; Mishra P.; Tiwari K.; Bhattacharjee S.; Saiyed F.; Patel T.S.; Nayak P.K.; Sahoo S.K.; Prajanati M.; Sinha S.; de Wagt	Effectiveness of community-based treatment programs for treatment of uncomplicated severe acute malnourished children aged 6–59 months using locally produced nutrient dense foods: protocol for a multicentric longitudinal quasi-experimental study	2021	BMC Nutrition	7	1	85			10.1186/s40795-021-00489-1
Maramu N.; Ravinder D.; Anil Babu T.; Srinivas M.; Ravinder Reddy B.; Sriramulu G.; Sadhana K.; Krishna Prasad N.V.	Structural and microwave properties of Ag-doped strontium hexaferrite	2021	Journal of Materials Science: Materials in Electronics	32	19		23854	23862	10.1007/s10854-021-06797-3
Manendar M.; Reddy C.G.; Raja M.; Reddy M.S.; Reddy P.Y.; Reddy V.R.	<sup>57</sup> Fe Mössbauer study of Zn doped cobalt based (Co <sub>2</sub> Y) Y-type Ba <sub>0.5</sub> Sr <sub>1.5</sub> Co <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> hexaferrites	2021	Hyperfine Interactions	242	1	40			10.1007/s10751-021-01752-4
Sunku M.; Gundeboina R.; Shilpa Chakra C.H.; Kaniki Reddy V.; Vithal M.	Preparation, characterization and photocatalytic activity studies of C- and N- doped CoSb <sub>2</sub> O <sub>6</sub>	2021	Inorganic Chemistry Communications	134		109064			10.1016/j.inoch.2021.109064
Lalu M.; Phaneendra K.; Emineni S.P.	Numerical approach for differential-difference equations having layer behaviour with small or large delay using non-polynomial spline	2021	Soft Computing	25	21		13709	13722	10.1007/s00500-021-06032-5
Moid M.A.; Siraj A.; Ali M.F.; Amodi A.O.	Predicting Stars on Open-Source GitHub Projects	2021	Proceedings - 1st International Conference on Smart Technologies Communication						10.1109/STCR51658.2021.9588891
Babu J.R.; Nayak M.R.; Mangu B.	A Peer Review of Hybrid Electric Vehicle Based on Step-Up Multi-input Dc-Dc Converter and renewable energy source	2021	Journal of Physics: Conference Series	2089	1	12041			10.1088/1742-6596/2089/1/012041
Sriram K.; Chiranjeevi P.; Malu S.; Agrawal V.K.	Understanding the inner structure of accretion disk in GX 17+2: AstroSat's outlook	2021	Journal of Astrophysics and Astronomy	42	2	96			10.1007/s12036-021-09760-0

Vidyasagar K.E.C.; Pandey R.K.; Kalyanasundaram D.	An exploration of frictional and vibrational behaviors of textured deep groove ball bearing in the vicinity of requisite minimum load	2021	Friction	9	6		1749	1765	10.1007/s40544-021-0495-3
Suman G.; Vinay Kumar Reddy K.; Sreenath Reddy M.; Gopal Reddy C.; Yadagiri Reddy P.	Radon and thoron levels in the dwellings of Buddonithanda: a village in the environs of proposed uranium mining site, Nalgonda district, Telangana state, India	2021	Scientific Reports	11	1	6199			10.1038/s41598-021-85698-1
Nurhayati A.; Venkataramana K.; Reddy C.V.	Structural and electrical studies of Ca <sub>0.9</sub> Sr <sub>0.1</sub> MnO <sub>3</sub> -ZnO nanocomposites	2021	Solid State Sciences	121		106728			10.1016/j.solidstatesciences.2021.106728
Reddy P.P.; Devi G.S.	An evaluation of zinc sulphate toxicity on protein, amino acid and transaminase levels in freshwater fish, channa striata (bloch)	2021	Indian Journal of Animal Research	55	11		1342	1346	10.18805/IJAR.B-4259
Nurhayati A.; Venkataramana K.; Modem N.; Reddy C.V.	Effects of Different Sintering Methods on the Structural and Electrical Properties of Ca <sub>0.9</sub> Sr <sub>0.1</sub> MnO <sub>3</sub>	2021	Ceramics International	47	19		26822	26828	10.1016/j.ceramint.2021.06.090
Nagaraju R.; Sekhar K.C.; Shareefuddin M.; Haritha L.; Lalitha G.; Kumar K.V.	Influence of ZnF <sub>2</sub> /PbF <sub>2</sub> on physical and structural characteristics of bismuth borate glasses reinforced with chromium ions	2021	Optik	247		168028			10.1016/j.ijleo.2021.168028
Shashikumar N.S.; Madhu M.; Sindhu S.; Gireesha B.J.; Kishan N.	Thermal analysis of MHD Williamson fluid flow through a microchannel	2021	International Communications in Heat and Mass Transfer	127		105582			10.1016/j.icheatmasstransfer.2021.105582
Manasa M.; Ravinder P.; Gopalakrishnan S.; Srinivas V.; Sayyed R.Z.; El Enshasy H.A.; Yahayu M.; Zuan A.T.K.; Kassem H.S.; Hameeda B.	Co-inoculation of bacillus spp. For growth promotion and iron fortification in sorghum	2021	Sustainability (Switzerland)	13	21	12091			10.3390/su132112091

Bandigari P.; Dongamanti A.	Purification, extraction of semecarpus anacardium by traditional method and evaluation of antibacterial activity	2021	Journal of Medical Pharmaceutical and Allied Sciences	10	5		3633	3635	10.22270/JMPAS.V10I5.1430
Ramesh V.; Raju C.	Effect of different grades of concrete on rc framed multi-storied building	2021	E3S Web of Conferences	309		1194			10.1051/e3sconf/202130901194
Murali Krishna K.; Raghavender Sharma M.; Konda Reddy N.K.	Accuracy of forecasting models using Bootstrap test and Friedman's test	2021	AIP Conference Proceedings	2375		66376			10.1063/5.0066376
Subhashini N.J.P.; Kumar K.P.; Kumar E.P.; Shravani P.; Singh S.S.; Vani T.; Vijjulatha M.	Design and synthesis of novel (Z)-5-((1,3-diphenyl-1H-pyrazol-4-yl)methylene)-3-((1-substituted phenyl-1H-1,2,3-triazol-4-yl)methyl)thiazolidine-2,4-diones: a potential cytotoxic scaffolds and their molecular modeling studies	2021	Molecular Diversity	25	4		2017	2033	10.1007/s11030-020-10093-3
Bhemarajam J.; Prasad P.S.; Babu M.M.; Özcan M.; Prasad M.	Investigations on structural and optical properties of various modifier oxides (Mo = zno, cdo, bao, and pbo) containing bismuth borate lithium glasses	2021	Journal of Composites Science	5	12	308			10.3390/jcs5120308
Hameed A.; Balakrishna A.; Srinivas B.; Chandrasekhar M.; Shareefuddin M.; Narasimha Chary M.	Influence of manganese ions on physical and spectroscopic properties of mixed alkali-alkaline earth oxide borate glasses	2021	Optik	246		167810			10.1016/j.ijleo.2021.167810
Ashok D.; Reddy M.R.; Dharavath R.; Nagaraju N.; Ramakrishna K.; Gundu S.; Sarasija M.	One-pot three-component condensation for the synthesis of 2,4,6-triarylpyridines and evaluation of their antimicrobial activity	2021	Journal of Chemical Sciences	133	1	22			10.1007/s12039-021-01883-9
Manohar K.M.; Sasikala M.; Anuradha S.; Ramji C.; Sashidhar R.B.; Rao G.V.; Pradeep R.; Reddy D.N.	MUC1, CK20, and CDX2 immunohistochemical markers can sub-classify periampullary carcinomas into pancreaticobiliary, intestinal, and mixed subtypes	2021	Indian Journal of Pathology and Microbiology	64	4		693	701	10.4103/IJPM.IJPM_726_20

Srikanth K.; Narsihma L.; Laxminarayana K.; Vithal M.; Srinivas M.	Optical characteristics of europium and terbium doped strontium orthogermanate phosphors	2021	Journal of the Indian Chemical Society	98	12	100237			10.1016/j.jics.2021.100237
Bhukya K.K.; Bhukya B.	Unraveling the probiotic efficiency of bacterium <i>Pediococcus pentosaceus</i> OBK05 isolated from buttermilk: An in vitro study for cholesterol assimilation potential and antibiotic resistance status	2021	PLoS ONE	16	45607	e0259702			10.1371/journal.pone.0259702
Vijaya Prasad B.; Anand N.; Arumairaj P.D.; Kumar M.S.; Dhilip T.; Srikanth G.	Studies on mechanical properties of high calcium fly ash based sustainable geopolymer concrete	2021	Journal of Physics: Conference Series	2070	1	12184			10.1088/1742-6596/2070/1/012184
Vidyasagar K.E.C.; Aggarwal V.; Sinha S.S.; Saha S.K.; Kalyanasundaram D.	Laser based micro texturing of freeform surfaces of implants using a Stewart platform	2021	Precision Engineering	72			294	303	10.1016/j.precisioneng.2021.05.004
Srivani G.; Sharvirala R.; Veerareddy P.R.; Pal D.; Kiran G.	GSK-3 inhibitors as new leads to treat type-II diabetes	2021	Current Drug Targets	22	13		1555	1567	10.2174/1389450122666210120144428
Aparna Y.; Sandhya D.; Subhashini N.J.P.; Sharada L.N.	1-(3-acetyl phenyl)-4-(4-arylidene)-2-phenyl-1h-imidazol-5(4h)-ones: Synthesis, spectroscopic characterization, antimicrobial and molecular docking studies	2021	Rasayan Journal of Chemistry	14	4		2442	2450	10.31788/RJC.2021.1446520
Puli V.S.; Pradhan D.K.; Sreenivasulu G.; Babu S.N.; Prasad N.V.; Madgula K.; Chrisey D.B.; Katiyar R.S.	Magnetolectric and multiferroic properties of BaTiO <sub>3</sub> /NiFe <sub>2</sub> O <sub>4</sub> /BaTiO <sub>3</sub> heterostructured thin films grown by pulsed laser deposition technique	2021	Crystals	11	10	1192			10.3390/cryst11101192
Gugulothu K.; Ramulu Meesa S.; Kumar Utkoor U.; Rajasekhara Reddy S.; Shiva Kumar K.	Pd/C and TFA-promoted One-pot, Two-step Cascade Reaction: An Effective Synthesis of Oxepines	2021	Asian Journal of Organic Chemistry	10	11		3045	3049	10.1002/ajoc.202100449



Butul B.; Fathima N.; Vishwakarma S.K.; Khan A.A.	Genetic association and epistatic interaction analysis of cluster of differentiation 14 and mannan-binding lectin 2 gene polymorphic variants in susceptibility to chronic periodontitis	2021	Meta Gene	30		100963			10.1016/j.mgen.e.2021.100963
Puli V.S.; Kilaru S.; Bhongiri Y.; Marri S.R.; Tripathi A.; Chetti P.; Chatterjee A.; Vukoti K.K.; Pola S.	New indolo[1,2-c]quinazolines for single-crystal field-effect transistor: A united experimental and theoretical studies	2021	Journal of Physical Organic Chemistry	34	12	e4276			10.1002/poc.4276
Nazneen H.; Rather G.A.; Ali A.; Chakravorty A.	The role of plant-mediated biosynthesised nanoparticles in agriculture	2021	Sustainable Agriculture: Technical Progressions and Transitions				97	117	10.1007/978-3-030-83066-3_6
Mydhili S.P.; Venkata Ramana Reddy Ch.; Sireesha B.; Sreekanth S.	Synthesis, spectroscopic, antibacterial, antioxidant, dna binding and cleavage, molecular docking studies of Ni(II) and Cu(II) complexes of S and N donor schiff base ligands	2021	Research Journal of Chemistry and Environment	25	11		143	152	
Reddy M.S.; Suman G.; Reddy K.V.K.; Reddy M.S.; Reddy C.G.; Reddy P.Y.	Natural background gamma radiation dose estimation in the surrounding villages of Devarakonda Town, Telangana State, India	2021	Journal of Radioanalytical and Nuclear Chemistry	330	3		1339	1345	10.1007/s10967-021-07875-w
Gupta G.; Roshan S.; Singh Y.; Thangavelu L.; Singh S.K.; Dureja H.; Chellappan D.K.; Dua K.	Emerging cases of mucormycosis under COVID-19 pandemic in India: Misuse of antibiotics	2021	Drug Development Research	82	7		880	882	10.1002/ddr.21862
KURNOOL A.; MERUGU K.; SHRAVYA P.; MALLESWARAREDDY P.	Synthesis, biological evaluation and docking studies of 1,2,4,5-tetrasubstituted imidazoles as antibacterial agents: Use of niobia supported heteropoly tungstate as an efficient reusable catalyst	2021	Asian Journal of Chemistry	33	10		2423	2429	10.14233/ajchem.2021.23181
Puvvada N.; Gunde S.; Ramana Devi C.V.; Gogada R.	Purification and characterization of recombinant FAD synthetase from Neurospora crassa	2021	Biochemistry and Biophysics Reports	28		101161			10.1016/j.bbrep.2021.101161

Allaka T.R.; Katari N.K.; Jonnalagadda S.B.; Malkhed V.; Anireddy J.S.	Design, Synthesis and Biological Evaluation of Novel Heterocyclic Fluoro-quinolone Citrate Conjugates as Potential Inhibitors of Topoisomerase IV: A Computational Molecular Modeling Study	2021	Current Drug Discovery Technologies	18	6	e130921187682			10.2174/1570163817666201106143557
Malu S.; Sriram K.; Harikrishna S.; Agrawal V.K.	Exploring the inner-disc region of the atoll source 4U 1705-44 using AstroSat's SXT and LAXPC observations	2021	Monthly Notices of the Royal Astronomical Society	506	4		6203	6211	10.1093/mnras/stab1892
Saiqali M.A.; Tangutur A.D.; Bhukya B.	Peptides and low molecular weight polypeptides of Azadirachta indica seeds as new weapons against cancer cells and superbugs	2021	Phytomedicine Plus	1	4	100118			10.1016/j.phyplu.2021.100118
Velpula S.; Beedu S.R.; Rupula K.	Bimetallic nanocomposite (Ag-Au, Ag-Pd, Au-Pd) synthesis using gum kondagogu a natural biopolymer and their catalytic potentials in the degradation of 4-nitrophenol	2021	International Journal of Biological Macromolecules	190			159	169	10.1016/j.ijbiomac.2021.08.211
Lakshmi G.D.; Lourden Selvamani V.; Dhilipan C.; Manchala V.V.	COVID-19 Patenting Activity in Higher Educational Institutions	2021	Journal of Intellectual Property Rights	26	6		342	350	
Phijik B.; Guru Rao C.V.	Pragmatic Security-Aware Cross-Layer Design for Wireless Networks from Vampire Attacks	2021	Ingenierie des Systemes d'Information	26	6		559	567	10.18280/isi.260606
Murthy A.V.R.; Narendar V.; Sampath Kumar N.; Aparna P.; Bhavani A.K.D.; Solhi H.; Le Guevel R.; Roul J.; Gautier F.; Juin P.; Reddy C.R.; Mosset P.; Levoine N.; Grée R.	Synthesis and biological studies of new piperidino-1,2,3-triazole hybrids with 3-aryl isoxazole side chains	2021	Bioorganic and Medicinal Chemistry Letters	52		128390			10.1016/j.bmcl.2021.128390
Balaiah N.; Hemasri Y.	Synthesis of New Class of Functionalized Flavones/Isoxazole Derivatives-Nitrile oxide 1,3-Dipolar Cycloaddition	2021	Asian Journal of Chemistry	33	11		2657	2661	10.14233/ajchem.2021.23360

Guddimalli R.; Somanaboina A.K.; Palle S.R.; Edupuganti S.; Kummari D.; Palakolanu S.R.; Naravula J.; Gandra J.; Qureshi I.A.; Marka N.; Polavarapu R.; Kavi Kishor P.B.	Overexpression of RNA-binding bacterial chaperones in rice leads to stay-green phenotype, improved yield and tolerance to salt and drought stresses	2021	Physiologia Plantarum	173	4		1351	1368	10.1111/ppl.13369
Vinod G.; Rajashekhar K.; Ravinder D.; Naik J.L.	Structural, electrical, and magnetic properties of erbium (Er <sup>3+</sup> ) substituted Cu–Cd nano-ferrites	2021	Journal of Materials Science: Materials in Electronics	32	19		24069	24082	10.1007/s10854-021-06869-4
Shaikh A.; Peprah E.; Mohamed R.H.; Asghar A.; Andharia N.V.; Lajot N.A.; Qureshi M.F.H.	COVID-19 and mental health: a multi-country study—the effects of lockdown on the mental health of young adults	2021	Middle East Current Psychiatry	28	1	51			10.1186/s43045-021-00116-6
Ch V.; Sandupatla R.; Lingareddy E.; Raju D.	One-pot synthesis of imines by direct coupling of alcohols and amines over magnetically recoverable CdFe <sub>2</sub> O <sub>4</sub> nanocatalyst	2021	Materials Letters	302		130417			10.1016/j.matlet.2021.130417
M. M.; Mehta S.R.; S. P.; Badhepuri M.K.; Dulam S.; K. J.; M. C.R.; Dey A.; Rajput B.S.; Shekhawat M.S.	Meta-Topolin mediated improved micropropagation, foliar micro-morphological traits, biochemical profiling, and assessment of genetic fidelity in Santalum album L.	2021	Industrial Crops and Products	171		113931			10.1016/j.indcrop.2021.113931
Kumar K.S.; Vaishnavi K.; Venkataswamy P.; Ravi G.; Ramaswamy K.; Vithal M.	Photocatalytic degradation of methylene blue over N-doped MnWO <sub>4</sub> under visible light irradiation	2021	Journal of the Indian Chemical Society	98	10	100140			10.1016/j.jics.2021.100140
Sekhar K.M.; Kota V.R.; Reddy T.P.; Rao K.V.; Reddy A.R.	Amelioration of plant responses to drought under elevated CO <sub>2</sub> by rejuvenating photosynthesis and nitrogen use efficiency: implications for future climate-resilient crops	2021	Photosynthesis Research	150	45294		21	40	10.1007/s11120-020-00772-5
Pal A.; Kulkarni M.B.; Gupta H.; Ponnalagu R.N.; Dubey S.K.; Goel S.	Portable and Autonomous Device for Real-time Colorimetric Detection: Validation for Phosphorous and Nitrite Detection	2021	Sensors and Actuators A: Physical	330		112896			10.1016/j.sna.2021.112896

Raja K.V.; Sekhar K.M.; Reddy V.D.; Reddy A.R.; Rao K.V.	Activation of CDC48 and acetyltransferase encoding genes contributes to enhanced abiotic stress tolerance and improved productivity traits in rice	2021	Plant Physiology and Biochemistry	168			329	339	10.1016/j.plaphy.2021.10.021
Shekhawat M.S.; Mehta S.R.; Manokari M.; Priyadarshini S.; Badhepuri M.K.; Jogam P.; Dey A.; Rajput B.S.	Morpho-anatomical and physiological changes of Indian sandalwood ( <i>Santalum album</i> L.) plantlets in ex vitro conditions to support successful acclimatization for plant mass production	2021	Plant Cell, Tissue and Organ Culture	147	3		423	435	10.1007/s11240-021-02136-w
Ahemed J.; Pasha J.; Rao D V.; Kore R.; Gade R.; Bhongiri Y.; Chetti P.; Pola S.	Synthesis of new Zn (II) complexes for photo decomposition of organic dye pollutants, industrial wastewater and photo-oxidation of methyl arenes under visible-light	2021	Journal of Photochemistry and Photobiology A: Chemistry	419		113455			10.1016/j.jphotochem.2021.11.3455
Krishnaiah Y.; Prasad A.M.K.	Analysis of Laser beam welding of SS316L butt joints using Design of Experiments	2021	Journal of Physics: Conference Series	2070	1	12221			10.1088/1742-6596/2070/1/012221
Madhusudan C.; Kasarapu V.; Chittimadula M.; Reddy Y.S.; Reddy C.V.	Synthesis and characterization of Y and Dy doped ceria solid electrolytes for IT-SOFCs: a microwave sintering	2021	Rare Metals	40	11		3329	3336	10.1007/s12598-018-1059-1
Jayaprakash K.; Manokari M.; Badhepuri M.K.; Raj M.C.; Dey A.; Shekhawat M.S.	Influence of meta-topolin on in vitro propagation and foliar micro-morpho-anatomical developments of <i>Oxystelma esculentum</i> (L.f.) Sm	2021	Plant Cell, Tissue and Organ Culture	147	2		325	337	10.1007/s11240-021-02126-y
Srinivas Reddy G.; Vinay Kumar Reddy K.; Sreenivasa Reddy B.; Linga Reddy B.; Sreenath Reddy M.; Gopal Reddy C.; Yadagiri Reddy P.	Assessment of indoor radon activity concentration levels in four northern districts of Telangana state, India	2021	Journal of Radioanalytical and Nuclear Chemistry	330	3		1417	1423	10.1007/s10967-021-07929-z
Reddy H.M.; Bhattacharya R.; Tiwari S.; Mishra K.; Annapurna P.; Jehan Z.; Praveena N.M.; Alex J.L.; Dhople V.M.; Singh L.; Sivaramakrishnan M.; Chaturvedi A.; Rangaraj N.; Shiju T.M.; Sreedevi B.; Kumar S.; Dereddi R.R.; Rayabandla S.M.; Jesudasan R.A.	Y chromosomal noncoding RNAs regulate autosomal gene expression via piRNAs in mouse testis	2021	BMC Biology	19	1	198			10.1186/s12915-021-01125-x

Mir M.I.; Kumar B.K.; Gopalakrishnan S.; Vadlamudi S.; Hameeda B.	Characterization of rhizobia isolated from leguminous plants and their impact on the growth of ICCV 2 variety of chickpea ( <i>Cicer arietinum</i> L.)	2021	Heliyon	7	11	e08321			10.1016/j.heliyon.2021.e08321
Reddy S.; Maddhuri S.; Nallari P.; Ananthapur V.; Kalyani S.; Krishna M.; Cherkuri N.; Patibandala S.	Association of ABCC8 and KCNJ11 gene variants with type 1 diabetes in south Indians	2021	Egyptian Journal of Medical Human Genetics	22	1	27			10.1186/s43042-021-00149-w
Taranum F.; Khan K.U.R.	Securing mobile adhoc networks from black-hole attacks	2021	Frontiers in Artificial Intelligence and Applications	340			285	295	10.3233/FAIA210200
Sunkar B.; Bhukya B.	Bi-phasic hydrolysis of corncobs for the extraction of total sugars and ethanol production using inhibitor resistant and thermotolerant yeast, <i>Pichia kudriavzevii</i>	2021	Biomass and Bioenergy	153		106230			10.1016/j.biombioe.2021.106230
Lakkireddy C.; Vishwakarma S.K.; Bardia A.; Raju N.; Ahmed S.I.; Fathima S.M.; Annamaneni S.; Khan A.A.	Biofabrication of allogenic bone grafts using cellularized amniotic scaffolds for application in efficient bone healing	2021	Tissue and Cell	73		101631			10.1016/j.tice.2021.101631
Rambabu A.; Daravath S.; Shankar D.S.; Shivaraj	DNA-binding, -cleavage and antimicrobial investigation on mononuclear Cu(II) Schiff base complexes originated from Riluzole	2021	Journal of Molecular Structure	1244		131002			10.1016/j.molstruc.2021.131002
Prasad D.D.; Ravande K.	Sstudies on cent percent utilization of recycled coarse and fine aggregates in the construction industry	2021	Civil Engineering and Architecture	9	6		1812	1836	10.13189/cea.2021.090615
Irgam K.; Reddy B.S.; Hari S.G.; Banapuram S.; Reddy B.M.	The genetic susceptibility profile of type 2 diabetes and reflection of its possible role related to reproductive dysfunctions in the southern Indian population of Hyderabad	2021	BMC Medical Genomics	14	1	272			10.1186/s12920-021-01129-0

Joolakanti H.B.; Kamepalli R.; Miryala J.; Battu S.	Synthesis, Docking, and Biological activities of novel Metacetamol embedded [1,2,3]-triazole derivatives	2021	Journal of Molecular Structure	1242		130786			10.1016/j.molstruc.2021.130786
D. V.R.; Subburu M.; Gade R.; Basude M.; Chetti P.; Simhachalam N.B.; Nagababu P.; Bhongiri Y.; Pola S.	A new Zn(ii) complex-composite material: Piezo-enhanced photomineralization of organic pollutants and wastewater from the lubricant industry	2021	Environmental Science: Water Research and Technology	7	10		1737	1747	10.1039/d1ew00378j
Desai N.C.; Kotadiya G.M.; Jadeja K.A.; Shah K.N.; Malani A.H.; Manga V.; Vani T.	Synthesis, antitubercular, antimicrobial activities and molecular docking study of quinoline bearing dihydropyrimidines	2021	Bioorganic Chemistry	115		105173			10.1016/j.bioorg.2021.105173
Praveenkumar E.; Gurrapu N.; Kolluri P.K.; Shivaraj; Subhashini N.J.P.; Dokala A.	Selective CDK4/6 inhibition of novel 1,2,3-triazole tethered acridinedione derivatives induces G1/S cell cycle transition arrest via Rb phosphorylation blockade in breast cancer models	2021	Bioorganic Chemistry	116		105377			10.1016/j.bioorg.2021.105377
Srinivasulu A.; Srinivasulu B.; Srinivasulu C.	Ecological niche modelling for the conservation of endemic threatened squamates (lizards and snakes) in the Western Ghats	2021	Global Ecology and Conservation	28		e01700			10.1016/j.gecco.2021.e01700
Ravula S.; Mullaguri S.C.; Akula S.; Silveri R.; Kanchar R.K.	Insights into molecular mechanisms underlying COVID-19 pathogenesis and potential therapeutics	2021	Indian Journal of Pharmaceutical Sciences	83	5		871	885	10.36468/pharmaceutical-sciences.839
Noami A.; Kumar B.P.; Paidimarry C.S.; Alahdal A.; Safi N.	High priority arbitration for less burst data transactions for improved average waiting time of multi-processor cores	2021	Applied Science and Engineering Progress	14	3		397	405	10.14416/j.asep.2021.06.001
Sunkara P.; Masula K.; Puppala V.; Bhongiri Y.; Pasala V.K.; Basude M.	Highly active zinc oxide-supported lithium oxide catalyst for solvent-free Knoevenagel condensation	2021	Journal of Chemical Sciences	133	3	67			10.1007/s12039-021-01941-2

Sanganabhatla D.; Sunder R.S.	A novel nanogel formulation of finasteride for topical treatment of androgenetic alopecia: Design, characterization and in vitro evaluation	2021	International Journal of Applied Pharmaceutics	13	4		228	240	10.22159/ijap.2021v13i4.41599
Firdaus R.; Agrawal P.; Anagani M.; Vijayalakshmi K.; Hasan Q.	Multiple mutations in exon-2 of med-12 identified in uterine leiomyomata	2021	Journal of Reproduction and Infertility	22	3		201	209	10.18502/jri.v22i3.6720
Maddu J.; Karrolla B.; Vuppala S.; Shaik R.U.	Formation and optimization of electrical discharge coatings using conventional electrodes	2021	Energies	14	18	5691			10.3390/en14185691
Padmasree G.; Reddy S.S.K.; Kumar N.P.; Reddy P.Y.; Reddy C.G.	Magnetization studies of Mn doped YFeO <sub>3</sub> multiferroics	2021	AIP Conference Proceedings	2352		20018			10.1063/5.0053022
Vidyasagar K.E.C.; Pandey R.K.; Kalyanasundaram D.	Improvement of Deep Groove Ball Bearing's Performance Using a Bionic Textured Inner Race	2021	Journal of Bionic Engineering	18	4		974	990	10.1007/s42235-021-0056-5
Angineni R.; Angineni J.; Kumar Veldurthi N.; Venkataswamy P.; Vithal M.	Facile Ion Exchange Synthesis of Ag, Cu, and Sn Incorporated Defect Pyrochlore K <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub> towards Visible-Light-Responsive Photocatalytic Activity	2021	ChemistrySelect	6	32		8306	8314	10.1002/slct.202102147
Rajamani T.; Bhaskar K.	Synthesis of 2-(4-((1-phenyl-1h-1,2,3-triazole-4-yl)methoxy) phenyl)quinazoline-4(3h)-one	2021	Rasayan Journal of Chemistry	14	3		1534	1538	10.31788/RJC.2021.1436259
Reddy M.S.; Suman G.; Reddy K.V.K.; Reddy M.S.; Reddy C.G.; Reddy P.Y.	Ambient natural gamma radiation dose measurement in Devarakonda town, Nalgonda district, India	2021	AIP Conference Proceedings	2352		50007			10.1063/5.0052396

Gubbala Venkata N.L.; Askani J.L.; Veeramsetty V.	Optimal placement of distributed generation based on DISCO's additional benefit using self adaptive levy flight based black widow optimization	2021	International Journal of Emerging Electric Power Systems	22	4		401	410	10.1515/ijeeps-2020-0280
Dasari R.; Thalari G.; Yerrabelly J.R.; Chittneni P.R.	Design, Synthesis, and Antimicrobial Activity of (E)-4-Phenyl-2H-chromene-3-carbaldehyde O-[(1-Phenyl-1H-1,2,3-triazol-4-yl)methyl]oxime Derivatives	2021	Russian Journal of Organic Chemistry	57	9		1519	1532	10.1134/S1070428021090207
Venkateswarlu K.; Daravath S.; Ramesh G.; Lakshmi P.V.A.; Shivaraj	Investigation of DNA binding and bioactivities of furan cored Schiff base Cu (II), Ni (II), and Co (III) complexes: Synthesis, characterization and spectroscopic properties	2021	Applied Organometallic Chemistry	35	9	e6326			10.1002/aoc.6326
Dixit S.; Shrivastava P.; Dash H.R.; Kaitholia K.; Sahajpal V.; Sahoo S.; Srivastava V.; Surekha Rani H.; Mishra A.; Choudhary S.K.; Thekkatavan A.; Chaubey G.; Kumawat R.K.	Assessment of significance and forensic relevance of SE33 (ACTBP2) locus in five Indian populations	2021	Gene Reports	24		101293			10.1016/j.genrep.2021.101293
NARASIMHA M.; REVANTH B.; MAHENDER D.; SARITA RAJENDER P.	Synthesis and molecular docking studies of triazole conjugated novel 2,4-disubstituted thiazole derivatives as cdk2 inhibitors	2021	Asian Journal of Chemistry	33	8		1849	1854	10.14233/ajchem.2021.23257
Maddali N.K.; Ivaturi V.K.V.; Murthy Yellajosula L.N.; Malkhed V.; Brahman P.K.; Pindiprolu S.K.S.S.; Kondaparthi V.; Nethinti S.R.	New 1,2,4-Triazole Scaffolds as Anticancer Agents: Synthesis, Biological Evaluation and Docking Studies	2021	ChemistrySelect	6	26		6788	6796	10.1002/slct.202101387
Yashwanth M.; Revanth M.; Reddy K.M.	Comparision of Short Term Load Forecast Techniques using Univariate Data	2021	2021 Asian Conference on Innovation in Technology, ASIANCON 2021						10.1109/ASIANCON51346.2021.9544721
Reddy G.S.; Reddy K.V.K.; Reddy B.S.; Reddy B.L.; Reddy M.S.; Reddy C.G.; Reddy P.Y.	Thoron studies in dwellings of certain northern districts of Telangana state, India	2021	AIP Conference Proceedings	2352		50008			10.1063/5.0052399



Sekhar N.C.; Laxminarayana P.	Enriched algorithmic approach for classification and recognition of part families for medium scale industries	2021	AIP Conference Proceedings	2358		100016			10.1063/5.0058048
Ashok Kumar B.; Hussain S.; Gugulothu B.; Enaganti S.; Shanmuk Kumar J.V.	Synthesis of thiazolidine-carbazole linked 1,2,3-triazole hybrids and their anti-cancer evaluation	2021	Rasayan Journal of Chemistry	14	3		1551	1557	10.31788/RJC.2021.1436249
Dadigala R.; Bandi R.; Alle M.; Gangapuram B.R.; Guttena V.; Kim J.-C.	In-situ fabrication of novel flower like MoS <sub>2</sub> /CoTiO <sub>3</sub> nanorod heterostructures for the recyclable degradation of ciprofloxacin and bisphenol A under sunlight	2021	Chemosphere	281		130822			10.1016/j.chemosphere.2021.130822
Rao A.K.; Prasanna K.L.; Kumar D.R.	Sesimic analysis of a building resting on sloped ground	2021	AIP Conference Proceedings	2358		50002			10.1063/5.0058010
Jangid A.K.; Kumar G.C.; Singh C.P.; Böhm M.	Potential distribution of the endemic short-tailed ground agama calotes minor (Hardwicke & gray, 1827) in drylands of the indian sub-continent	2021	Herpetological Journal	31	3		132	141	10.33256/31.3.132141
Naveena G.; Ravinder D.; Babu T.A.; Reddy B.R.; Sumalatha E.; Vani K.; Rajender T.; Prasad N.V.K.	Low-temperature magnetic properties of erbium doped bismuth nano-ferrites	2021	Journal of Materials Science: Materials in Electronics	32	13		18224	18230	10.1007/s10854-021-06365-9
Chatamoni A.K.; Bhukya R.N.; Jeripotula P.R.	A Novel Approach based on Compressive Sensing and Fractional Wavelet Transform for Secure Image Transmission	2021	International Journal of Intelligent Engineering and Systems	14	4		11	21	10.22266/ijies2021.0831.02
Reddy S.K.K.; Kotluri S.K.; Gupta H.; Reddy D.V.	Role of Climate and Topography on Hydrological Characteristics of the Bharathapuzha Basin in the Tectonically Quiescent Western Ghats, India	2021	Journal of the Geological Society of India	97	9		1087	1096	10.1007/s12594-021-1824-x

Deepa N.P.; Sudha K.L.	Analysis of single and multiple on-chip antenna for intra-chip wireless communication with four antenna transceiver model	2021	International Journal of Advanced Technology and Engineering Exploration	8	80		874	886	10.19101/IJATE E.2021.874137
Kantankar A.; Jayaprakash Rao Y.; Mallikarjun G.; Hemasri Y.; Kethiri R.R.	Rational design, synthesis, biological evaluation and molecular docking studies of chromone-pyrimidine derivatives as potent anti-cancer agents	2021	Journal of Molecular Structure	1239		130502			10.1016/j.molstruc.2021.130502
Patturaj M.; Munusamy A.; Kannan N.; Kandasamy U.; Ramasamy Y.	Chromosome-specific polymorphic ssr markers in tropical eucalypt species using low coverage whole genome sequences: Systematic characterization and validation	2021	Genomics and Informatics	19	3	e33			10.5808/gi.21031
Komaraiah D.; Radha E.; Sivakumar J.; Reddy M.V.R.; Sayanna R.	Influence of Fe <sup>3+</sup> ion doping on the luminescence emission behavior and photocatalytic activity of Fe <sup>3+</sup> , Eu <sup>3+</sup> -codoped TiO <sub>2</sub> thin films	2021	Journal of Alloys and Compounds	868		159109			10.1016/j.jallcom.2021.159109
Vallakeerthi N.; Nath A.R.	Method development, validation, identification and quantification of residual solvents in phenazopyridine hydrochloride using head space-gas chromatography technique	2021	AIP Conference Proceedings	2369		20171			10.1063/5.0061255
Nagabhushanam B.; Mir M.I.; Nagaraju M.; Sujatha E.; Rama Devi B.; Kiran Kumar B.	Genetic diversity analysis of Linseed (Linum usitatissimum L.) accessions using RAPD Markers	2021	Emirates Journal of Food and Agriculture	33	7		589	599	10.9755/ejfa.2021.v33.i7.2736
Bhavani S.D.; Reddy N.N.; Raju A.K.; Radhika M.; Reddy P.M.; Bhaskar K.	Synthesis and characterization of oxo zirconium (IV) complexes of polydentate ligands	2021	AIP Conference Proceedings	2369		20044			10.1063/5.0060864
Kumari A.H.; Kumar J.J.; Krishna G.R.; Reddy R.J.	Nickel-Catalyzed Difunctionalization of Alkynyl Bromides with Thiosulfonates and N -Arylthio Succinimides: A Convenient Synthesis of 1,2-Thiosulfonylethenes and 1,1-Dithioethenes	2021	Synthesis (Germany)	53	16		2850	2864	10.1055/a-1482-2486

Hasan S.N.; Thakkalapally S.; Hasan P.	Effect of gas percentage during minor mergers on the star formation in galaxies	2021	Proceedings of the International Astronomical Union	17			121	123	10.1017/S1743921322004781
Kumar Pasala V.; Gudipudi G.; Sankeshi V.; Basude M.; Gundla R.; Singh Jadav S.; Srinivas B.; Yadaiah Goud E.; Nareshkumar D.	Design, synthesis and biological evaluation of selective hybrid coumarin-thiazolidinedione aldose reductase-II inhibitors as potential antidiabetics	2021	Bioorganic Chemistry	114		104970			10.1016/j.bioorg.2021.104970
Shashi Devi S.; Sadananda Chary A.	Cole-cole analysis and electrical conduction of nano (1-x)ba(no3)2-xkno3	2021	Rasayan Journal of Chemistry	14	3		1959	1964	10.31788/RJC.2021.1436397
Parveen N.	Investigating the memorization of the quran using the grounded theory methodology	2021	Qualitative Report	26	7		2226	2244	10.46743/2160-3715/2021.4752
Bikshamaiah N.; Babu N.M.; Kumar D.S.; Ramesh S.; Madhuri D.; Sainath A.V.S.; Madhukar K.	Carbon nanotube functional group-dependent compatibilization of polyamide 6 and poly(methyl methacrylate) nanocomposites	2021	Iranian Polymer Journal (English Edition)	30	8		789	799	10.1007/s13726-021-00930-z
Senthilkumar S.; Ulaganathan K.; Ghosh Dasgupta M.	Reference-based assembly of chloroplast genome from leaf transcriptome data of Pterocarpus santalinus	2021	3 Biotech	11	8	393			10.1007/s13205-021-02943-0
Ganta K.K.; Jeedi V.R.; Katrapally V.K.; Yalla M.; Emmadi L.N.	Effect of TiO2 Nano-Filler on Electrical Properties of Na+ Ion Conducting PEO/PVDF Based Blended Polymer Electrolyte	2021	Journal of Inorganic and Organometallic Polymers and Materials	31	8		3430	3440	10.1007/s10904-021-01947-w
Malu S.; Harikrishna S.; Sriram K.; Agrawal V.K.	Investigating the coronal structure by studying time lags in the Atoll source 4U 1705-44 using AstroSat	2021	Astrophysics and Space Science	366	9	87			10.1007/s10509-021-03992-w

Reddy A.R.; Prasad J.; Bhooshan M.; Rajanna K.C.; Reddy A.P.; Chary M.T.	Rate enhancements due to aqueous sulfuric acid in mn (lii) oxidation of certain purine alkaloids-kinetic analysis of acidity functions	2021	Rasayan Journal of Chemistry	14	3		1451	1461	10.31788/RJC.2021.1436360
Seshu Kumar A.; Abdul Khadeer S.; Rajinikanth V.; Pahari S.; Ravi Kumar B.	Evaluation of bond interface characteristics of rotary friction welded carbon steel to low alloy steel pipe joints	2021	Materials Science and Engineering: A	824		141844			10.1016/j.msea.2021.141844
Mallaiah Y.; Jeedi V.R.; Swarnalatha R.; Raju A.; Narender Reddy S.; Sadananda Chary A.	Impact of polymer blending on ionic conduction mechanism and dielectric properties of sodium based PEO-PVdF solid polymer electrolyte systems	2021	Journal of Physics and Chemistry of Solids	155		110096			10.1016/j.jpics.2021.110096
Mamidala S.; Aravilli R.K.; Ramesh G.; Khajavali S.; Chedupaka R.; Manga V.; Vedula R.R.	A facile one-pot, three-component synthesis of a new series of thiazolyl pyrazole carbaldehydes: In vitro anticancer evaluation, in silico ADME/T, and molecular docking studies	2021	Journal of Molecular Structure	1236		130356			10.1016/j.molstruc.2021.130356
van Hemert M.; Polsani J.R.; Ramnath M.	The negation of change as a narrative strategy of control: The case of the Polavaram mega-dam in India	2021	Split Waters: The Idea of Water Conflicts				216	233	
Vani B.; Shivakumar M.; Kalyani S.; Sridhar S.	TiO2 nanoparticles incorporated high-performance polyphenyl sulfone mixed matrix membranes for ultrafiltration of domestic greywater	2021	Iranian Polymer Journal (English Edition)	30	9		917	934	10.1007/s13726-021-00945-6
Madhasu M.; Doda S.R.; Begari P.K.; Dasari K.R.; Thalari G.; Kadari S.; Yadav J.S.	Concise total synthesis of antiarrhythmic drug dronedarone via a conjugate addition followed intramolecular heck cyclization	2021	Journal of Heterocyclic Chemistry	58	9		1861	1866	10.1002/jhet.4316
Laxmipuram S.; Vasa S.; Sekhar V.C.; Kumar P.N.	High performance of broadband MIMO-OFDM wireless communications	2021	AIP Conference Proceedings	2358		80002			10.1063/5.0058227

Puchakayala S.; Sailaja A.K.	Formulation and Evaluation of Liposomal Drug Delivery System for Sul-fasalazine	2021	Current Nanomedicine	11	3		177	185	10.2174/2468187312666211217100726
Maddala G.; Gade R.; Ahemed J.; Kalvapalli S.; Simhachalam N.B.; Chetti P.; Pola S.; Mitty R.	Efficient, dopant free phenazine based hole transporting materials for high performance perovskite solar cells	2021	Solar Energy	226			501	512	10.1016/j.solen.2021.08.055
Sekhar K.C.; Kavitha B.; Narsimlu N.; Sathe V.; Alothman M.A.; Olarinoye I.O.; Al-Buriah M.S.; Shareefuddin M.	Enhancement of shielding ability using PbF2 in Fe-reinforced bismuth borate glasses	2021	Journal of Materials Science: Materials in Electronics	32	18		23047	23065	10.1007/s10854-021-06788-4
Naikawadi P.K.; Mucherla L.; Dandela R.; Sambari M.; Kumar K.S.	One-Pot Two-Step Double Annulation of N-Methoxybenzamides with Alkynes and Alkenes: Regioselective Construction of Isoindolo[2,1-b]isoquinolin-5(7H)-ones	2021	Advanced Synthesis and Catalysis	363	15		3796	3802	10.1002/adsc.202100414
Rayaprolu L.; Selvanayagam S.; Rao D.M.; Gupta R.; Das R.R.; Rathore A.; Gandham P.; Kiranmayee K.N.S.U.; Deshpande S.P.; Are A.K.	Genome-wide association study for major biofuel traits in sorghum using minicore collection	2021	Protein and Peptide Letters	28	8		909	928	10.2174/0929866528666210215141243
Mohammed A.; Gugulothu Y.; Bandi R.; Dadigala R.; Utkoor U.K.	Ultraspeed synthesis of highly fluorescent N-doped carbon dots for the label-free detection of manganese (VII)	2021	Journal of the Chinese Chemical Society	68	8		1514	1521	10.1002/jccs.202000545
Narayanan G.; Ali M.S.; Iqbal M.M.; kumar P.	Synchronization of fractional-order permanent magnet synchronous generator model based on terminal sliding mode control with switching surface	2021	Mathematics in Engineering, Science and Aerospace	12	3		655	667	
Reddy D.P.; Bhanja S.B.; Chauhan A.K.; Kumar B.K.; Panda D.S.; Panigrahi B.B.	Methanolic extraction, formulation and evaluation of herbal transdermal patches of azadirachta indica A. Juss	2021	Research Journal of Pharmacy and Technology	14	7		3709	3715	10.52711/0974-360X.2021.00642

Jilloju S.C.; Jilloju P.C.; Jatavath M.; Rao M.A.	Characterization and molecular docking studies of substituted 3-(2-benzylidenehydrazinyl)-6-phenyl-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazines synthesized via a one-pot, three-component reaction	2021	Journal of Molecular Structure	1237		130403			10.1016/j.molstruc.2021.130403
Shahfahad; Rihan M.; Naikoo M.W.; Ali M.A.; Usmani T.M.; Rahman A.	Urban Heat Island Dynamics in Response to Land-Use/Land-Cover Change in the Coastal City of Mumbai	2021	Journal of the Indian Society of Remote Sensing	49	9		2227	2247	10.1007/s12524-021-01394-7
Reddy E.R.; Ramesh S.; Anitha K.; Reddy A.P.; Reddy V.P.	Microwave-assisted synthesis and antibacterial activity of 1-(5-((2-(4-bromobenzoyl)-3-methylbenzofuran-5-yl)methyl)-2-((1-aryl-1H-1,2,3-triazol-4-yl)methoxy)phenyl)ethanones	2021	Chemical Data Collections	34		100730			10.1016/j.cdc.2021.100730
Reddy G.K.; Mishra D.; Devi L.N.	Optimal Relay Coil Placement in Magnetic Resonant Coupling-Based Power Transfer	2021	IEEE Communications Letters	25	9	9455135	2874	2878	10.1109/LCOMM.2021.3089632
Zulfajri M.; Sudewi S.; Ismulyati S.; Rasool A.; Adlim M.; Huang G.G.	Carbon dot/polymer composites with various precursors and their sensing applications: A review	2021	Coatings	11	9	1100			10.3390/coatings11091100
Reddy S.K.K.; Gupta H.; Reddy D.V.; Kumar D.	The suitability of surface waters from small west-flowing rivers for drinking, irrigation, and aquatic life from a global biodiversity hotspot (Western Ghats, India)	2021	Environmental Science and Pollution Research	28	29		38613	38628	10.1007/s11356-021-13154-8
Rekha K.C.; Yaku G.; Kumar U.U.	Characterisation, antibacterial and anticancer investigation of green synthesized silver nanoparticles utilizing gymnema sylverstre leaf broth (Podapathri) by microwave light strategy	2021	Rasayan Journal of Chemistry	14	3		2031	2039	10.31788/RJC.2021.1436258
Rapolu B.L.; Pullagurla A.; Ganta S.; Komaravalli P.L.; Gaddam S.L.	Immuno-genetic importance of Th17 in susceptibility to TB	2021	Scandinavian Journal of Immunology	94	2	e13085			10.1111/sji.13085

Krishna S.G.; Vasa S.; Sekhar V.C.; Kumar P.N.	Novel design approach of power-saving error-resistant MIMO radio detection and ranging for memory- dominated electronic messaging systems	2021	AIP Conference Proceedings	2358		30005			10.1063/5.0058736
Vyshnava S.S.; Kanderi D.K.; Panjala S.P.; Paramasivam K.; Pandluru G.; Banapuram S.; Anupalli R.R.; Dowlatabad M.R.	A Computational Approach on the Activity of Hesperidin as Antagonist for Proteins of SARS-CoV-2	2021	Letters in Applied NanoBioScience	10	3		2571	2577	10.33263/LIANSB S103.25712577
Bhoi K.; Dash S.; Dugu S.; Pradhan D.K.; Rahaman M.M.; Simhachalam N.B.; Singh A.K.; Vishwakarma P.N.; Katiyar R.S.; Pradhan D.K.	Phase transitions and magneto-electric properties of 70wt.% Pb(Fe <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> -30wt.% Co <sub>0.6</sub> Zn <sub>0.4</sub> Fe <sub>1.7</sub> Mn <sub>0.3</sub> O <sub>4</sub> multiferroic composite	2021	Journal of Applied Physics	130	11	114101			10.1063/5.0060627
Suman G.; Reddy K.V.K.; Reddy M.S.; Reddy C.G.; Reddy P.Y.	Estimation of natural background gamma radiation dose in the environs of uranium mineralized area: A case study at Megavath Thanda, Nalgonda district, Telangana state, India	2021	AIP Conference Proceedings	2352		50006			10.1063/5.0052401
Manchikatla P.K.; Kalavikatte D.; Mallikarjuna B.P.; Palakurthi R.; Khan A.W.; Jha U.C.; Bajaj P.; Singam P.; Chitkineni A.; Varshney R.K.; Thudi M.	MutMap Approach Enables Rapid Identification of Candidate Genes and Development of Markers Associated With Early Flowering and Enhanced Seed Size in Chickpea ( <i>Cicer arietinum</i> L.)	2021	Frontiers in Plant Science	12		688694			10.3389/fpls.2021.688694
Shyamala N.; Gundapaneni K.K.; Galimudi R.K.; Tupurani M.A.; Padala C.; Puranam K.; Kupsal K.; Kummari R.; Gantala S.R.; Nallamala K.R.; Sahu S.K.; Hanumanth S.R.	PCSK9 genetic (rs11591147) and epigenetic (DNA methylation) modifications associated with PCSK9 expression and serum proteins in CAD patients	2021	Journal of Gene Medicine	23	8	e3346			10.1002/jgm.3346
Bodiga V.L.; Vemuri P.K.; Kudle M.R.; Bodiga S.	Zinc ionophores isolated from Terminalia bellirica fruit rind extract protect against cardiomyocyte hypoxia/reoxygenation injury	2021	Bioorganic and Medicinal Chemistry	46		116394			10.1016/j.bmc.2021.116394
Dasari S.G.; Nagaraju P.; Yelsani V.; Tirumala S.; Ramana Reddy M.V.	Nanostructured indium oxide thin films as a room temperature toluene sensor	2021	ACS Omega	6	27		17442	17454	10.1021/acsomega.1c01831

Chinthala R.; Singh S.S.	Development and pharmacokinetics of curcumin loaded beta carotene nanoparticles in rats	2021	International Journal of Applied Pharmaceutics	13	5		171	176	10.22159/ijap.2021v13i5.42339
Revathi P.; Kanth S.S.; Gururaj S.; Chander O.S.; Rajender P.S.	Understanding structural characteristics of PARP-1 inhibitors through combined 3D-QSAR and molecular docking studies and discovery of new inhibitors by multistage virtual screening	2021	Structural Chemistry	32	5		2035	2050	10.1007/s11224-021-01765-3
Rao J.V.R.; Kumar B.R.; Balakrishna B.; Veeraiah B.	Tectonic divisions and accretionary model within Dharwar Craton: New insights from gravity surveys on status of Chitradurga Schist Belt	2021	Journal of Earth System Science	130	3	119			10.1007/s12040-021-01621-2
Srinivasulu K.	The idea of university in a princely state: Reflections on the century-old Osmania University, Hyderabad	2021	The Idea of a University: Possibilities and Contestations				127	139	
Moorthy R.S.; Rondla R.; Kavitha M.; Hima Bindu P.; Pasha C.; Reddy P.M.	Potential applications of nanoparticles embedded U-bent fiber optic probe	2021	AIP Conference Proceedings	2369		20035			10.1063/5.0060856
Sastri M.V.S.S.; Rao K.J.; Bhikshma V.	Correlation Of Strength Development Of Rca In Quaternary Blended Cementitious System	2021	Advances in Materials Research (South Korea)	10	3		211	227	10.12989/amr.2021.10.3.211
Jeripotula P.R.; Naik B.R.; Raju M.; Kumar C.A.	A Novel Approach Using Square of the Error and Error Autocorrelation for Grating Lobes Suppression in Adaptive Beamforming	2021	International Journal of Microwave and Optical Technology	16	4		319	326	
Kavyasree P.R.; Reddy B.S.	Cubic picture fuzzy linear spaces	2021	AIP Conference Proceedings	2378		20012			10.1063/5.0058243



Perka S.; Vuradi R.K.; Gopu S.; Nambigari N.; K V.R.; Sirasani S.	Influence of Co(III) Polypyridyl Complexes on Luminescence Behavior, DNA Binding, Photocleavage, Antimicrobial Activity and Molecular Docking Studies	2021	Journal of Fluorescence	31	4		1009	1021	10.1007/s10895-021-02727-y
Rani G.J.; Bhavani N.L.	Phytochemical investigation and antipyretic activity of tectona grandis linn.	2021	Research Journal of Pharmacy and Technology	14	8		4221	4225	10.52711/0974-360X.2021.00732
Hassanpour M.	FINANCIAL AND ENVIRONMENTAL EFFICIENCY ASSESSMENT MODEL OF SEVEN IRANIAN CHEMICAL INDUSTRIES	2021	Journal of Engineering and Technology for Industrial Applications	7	30		4	17	10.5935/jetia.v7i30.762
DASARI R.; THALARI G.; YERRABELLY J.R.; CHITNENI P.R.	Synthesis and antimicrobial activity of 2-(4-phenyl-2h-chromen-3-yl)-1h-benzo[d]imidazole	2021	Asian Journal of Chemistry	33	8		1723	1728	10.14233/ajchem.2021.23180
Anand Pandarinath M.; Muralikrishna P.; Suresh Babu D.; Vijaya Kumar B.; Upender G.	Vibrational, thermal and optical studies of 30TeO2-39.5B2O3-(30-x)ZnO-xLi2O-0.5 V2O5 (0 ≤ x ≤ 30 mol%) glass system	2021	Journal of Non-Crystalline Solids	566		120875			10.1016/j.jnoncrsol.2021.120875
Chanda S.; Bharadwaj S.; Srinivas A.; Siva Kumar K.V.; Kalyana Lakshmi Y.	Estimation of iron ion distribution at various sites contributing to saturation magnetization in barium hexaferrite at different sintering temperatures	2021	Journal of Physics and Chemistry of Solids	155		110120			10.1016/j.jpcs.2021.110120
Mahboob S.; Rizwana; Kumar G.S.	Ozone and NaCl Based Electrolytic Solar Cell; It's Working Principle, Advantages and Possibilities	2021	Transactions on Electrical and Electronic Materials	22	4		536	542	10.1007/s42341-020-00259-z
Upadhyay P.K.; Sharma N.; Sharma S.; Sharma R.	Photo and thermoluminescence of Eu doped ZnO nanophosphors	2021	Journal of Materials Science: Materials in Electronics	32	13		17080	17093	10.1007/s10854-021-06043-w

Babu K.R.	Finite element analysis of MHD natural convective Jeffrey fluid flow past a semi-infinite moving porous plate	2021	AIP Conference Proceedings	2358		110006			10.1063/5.0057958
Dirsipam K.; Ponnala D.; Madduru D.; Bonu R.; Jahan P.	Association of FOXP3 rs3761548 polymorphism and its reduced expression with unexplained recurrent spontaneous abortions: A South Indian study	2021	American Journal of Reproductive Immunology	86	3	e13431			10.1111/aji.13431
Buchanna G.; Premchand P.; Goverdhan A.	Prediction of epileptic seizure classification using third-order cumulants and sparse autoencoder	2021	Journal of Theoretical and Applied Information Technology	99	14		3474	3488	
Kumar A.K.; Sunitha V.; Shankaraiah P.; Jalapathi P.	Synthesis, characterization and antimicrobial evaluation of some novel (3-methyl- 5-((3-phenylisoxazol-5-yl)methoxy)benzofuran-2-yl)(phenyl)methanones	2021	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	60B	8		1137	1141	
Babu B.S.; Manjari P.S.; Reddy C.S.	Kinetic and mechanistic studies of cerium(III)-catalysed oxidation of 4-oxo acids by bromate in acid medium: nonlinear Hammett plots	2021	Current Science	121	5		651	659	10.18520/cs/v121/i5/651-659
Rachuru S.; Vandanapu J.; Skelton A.A.	The p K a of Pentazole (HN5)	2021	Australian Journal of Chemistry	74	8		584	590	10.1071/CH21014
Ramakrishna B.; Srinivasulu C.	Diversity and distribution of asian forest scorpions (Arthropoda, scorpionidae, heterometrinae) in Telangana state, India	2021	Notulae Scientia Biologicae	13	3	10977			10.15835/nsb13310977
Sekhar K.C.; Narsimlu N.; Al-Buriah M.S.; Yakout H.A.; Olarinoye I.O.; Alomairy S.; Shareefuddin M.	Synthesis, optical, and radiation attenuation properties of CaF <sub>2</sub> -TeO <sub>2</sub> -Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> -CuO glass system for advanced shielding applications	2021	European Physical Journal Plus	136	9	903			10.1140/epjp/s13360-021-01906-x

Mamidala S.; Vangala V.; Peddi S.R.; Chedupaka R.; Manga V.; Vedula R.R.	A facile one-pot, three component synthesis of a new series of 1,3,4-thiadiazines: Anticancer evaluation and molecular docking studies	2021	Journal of Molecular Structure	1233		130111			10.1016/j.molstruc.2021.130111
Rathod P.K.; Jonnalagadda S.; Panaganti L.	A simple and efficient synthesis of benzofuroquinolines via the decarboxylative cross-coupling	2021	Tetrahedron Letters	66		152808			10.1016/j.tetlet.2020.152808
Naik L.S.; Ramana Devi C.V.	Phyto-fabricated silver nanoparticles inducing microbial cell death via reactive oxygen species-mediated membrane damage	2021	IET Nanobiotechnology	15	5		492	504	10.1049/nbt.2.12036
Mukherjee A.; Mathur R.R.; Verma C.B.; Tiwari P.K.	Gravity and magnetic surveys for kimberlite structures in Baghain and Rampura-Motwa, Panna Diamond Belt, Madhya Pradesh, India	2021	Arabian Journal of Geosciences	14	5	414			10.1007/s12517-021-06760-w
Mohammed N.; Sarma A.K.; Dhamani S.	Multiple linear regression model for inflation in India	2021	2021 2nd International Conference for Emerging Technology, INCET 2021			9456277			10.1109/INCET51464.2021.9456277
Reddy N.N.; Hung S.-J.; Swamy M.K.; Sanjeev A.; Rao V.S.; Rohini R.; Raju A.K.; Bhaskar K.; Hu A.; Reddy P.M.	Synthesis and rational design of new appended 1,2,3-triazole-uracil ensembles as promising anti-tumor agents via in silico vegfr-2 transferase inhibition	2021	Molecules	26	7	1952			10.3390/molecules26071952
Sharma S.; Deivakani M.; Reddy K.S.; Gnanasekar A.K.; Aparna G.	Key Enabling Technologies of 5G Wireless Mobile Communication	2021	Journal of Physics: Conference Series	1817	1	12003			10.1088/1742-6596/1817/1/012003
Manendar M.; Reddy S.S.K.; Ramesh J.; Reddy M.S.; Raja M.M.; Reddy C.G.; Reddy P.Y.; Reddy V.R.	Cation distribution in Ni substituted Ba <sub>0.5</sub> Sr <sub>1.5</sub> Co <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> Y-type hexagonal ferrites	2021	Ceramics International	47	7		9591	9596	10.1016/j.ceramint.2020.12.094

Tiwari S.; Khan S.; Kumar S.V.; Rajak R.; Sultana A.; Pasha S.A.; Gauba D.; Ghosh P.; Khurana T.; Kulkarni A.; Reddy Y.P.; Khan A.A.; Sharma V.K.	Efficacy and safety of neural stem cell therapy for spinal cord injury: A systematic literature review	2021	Therapies	76	3		201	210	10.1016/j.therap.2020.06.011
Ashok D.; Nagaraju N.; Ram Reddy M.; Ravinder D.; Ramakrishna K.; Sarasija M.	Microwave assisted synthesis of substituted (E)-3-[2-(1,3-diphenyl-1H-pyrazol-4-yl)vinyl]benzofuran-2-yl(phenyl)methanone and their antimicrobial activity	2021	Research Journal of Chemistry and Environment	25	5		144	150	
Ramesh K.; Rajashekhar A.V.	Seasonal variation and abundance of zooplankton in upper manair reservoir at Rajanna Sircilla, Telangana State, India	2021	Indian Journal of Ecology	48	2		558	562	
Swamy M.K.; Swapna M.; Venkatesh N.; Rao P.V.	Regioselective synthesis of some novel indanone chalcones and their antimicrobial activity	2021	Chemical Data Collections	32		100631			10.1016/j.cdc.2020.100631
Gangurde S.S.; Nayak S.N.; Joshi P.; Purohit S.; Sudini H.K.; Chitikineni A.; Hong Y.; Guo B.; Chen X.; Pandey M.K.; Varshney R.K.	Comparative transcriptome analysis identified candidate genes for late leaf spot resistance and cause of defoliation in groundnut	2021	International Journal of Molecular Sciences	22	9	4491			10.3390/ijms22094491
Kamalraj D.; Hayawadana J.; Subramaniam V.	Liquid moisture transport properties of sericin treated polyester fabric	2021	Man-Made Textiles in India	49	6		193	196	
Namilakonda S.; Guduri Y.	Chaotic darwinian particle swarm optimization for real-time hierarchical congestion management of power system integrated with renewable energy sources	2021	International Journal of Electrical Power and Energy Systems	128		106632			10.1016/j.ijepes.2020.106632
Jannapu Reddy R.; Haritha Kumari A.; Kumar J.J.	Recent advances in the synthesis and applications of $\alpha$ -keto sulfones: new prospects for the synthesis of $\alpha$ -keto thiosulfones	2021	Organic and Biomolecular Chemistry	19	14		3087	3118	10.1039/d1ob00111f

Sivakumar S.A.; John T.J.; Selvi G.T.; Madhu B.; Shankar C.U.; Arjun K.P.	IoT based Intelligent Attendance Monitoring with Face Recognition Scheme	2021	Proceedings - 5th International Conference on Computing Methodologies			9418264	349	353	10.1109/ICCMC51019.2021.9418264
Puli V.S.; Subburu M.; Bhongiri Y.; Tripathi A.; Prasad K.R.S.; Chatterjee A.; Pola S.; Chetti P.	New Indolo[3,2-b]indole based small organic molecules for Organic Thin Film Transistors (OTFTs): A combined experimental and DFT Study	2021	Journal of Molecular Structure	1229		129491			10.1016/j.molstruc.2020.129491
Yerrabelly J.R.; Bathini P.K.; Yerrabelly H.; Vadapalli K.	Unusual titanium-induced McMurry coupling of 4-oxo-4H-chromene-2-carbaldehydes enroute to bis-chromones	2021	New Journal of Chemistry	45	10		4705	4709	10.1039/d0nj04730a
Korrai D.R.; Murali Krishna P.V.; Gangadhar C.	A VLSI architecture and its FPGA implementation for MIMO OFDM channel estimation	2021	2021 2nd International Conference for Emerging Technology, INCET 2021			9456323			10.1109/INCET51464.2021.9456323
Nagamalla S.S.; Alaparathi M.D.; Mellacheruvu S.; Gundeti R.; Earrawandla J.P.S.; Sagurthi S.R.	Morpho-Physiological and Proteomic Response of Bt-Cotton and Non-Bt Cotton to Drought Stress	2021	Frontiers in Plant Science	12		663576			10.3389/fpls.2021.663576
He Y.; Tian H.; Xiang A.; Wang H.; Li J.; Luo X.; Rajulu A.V.	Fabrication of PVA Nanofibers Grafted with Octaamino-POSS and their Application in Heavy Metal Adsorption	2021	Journal of Polymers and the Environment	29	5		1566	1575	10.1007/s10924-020-01865-x
Kandula J.; Sri P.U.; Reddy P.R.; Gugulothu S.K.	Numerical and experimental evaluation of cavitation flow around axisymmetric cavitators	2021	Marine Systems and Ocean Technology	16	2		111	123	10.1007/s40868-021-00097-5
Anumolu P.D.; Sunitha G.; Priyanka B.; Mounika G.; Shilpa A.	Analytical qbd approach first order model - robust RP-HPLC method for simultaneous assessment of alogliptin and metformin	2021	Indian Drugs	58	5		58	67	10.53879/id.58.05.11771

Bheema R.K.; Vuba K.K.; Etakula N.; Etika K.C.	Enhanced thermo-mechanical, thermal and EMI shielding properties of MWNT/MagPP/PP nanocomposites prepared by extrusion	2021	Composites Part C: Open Access	4		100086			10.1016/j.jcomc.2020.100086
Pradeep M.; Vishnuvardhan M.; Thalari G.	A simple and efficient microwave assisted synthesis of pyrrolidiny-quinoline based pyrazoline derivatives and their antimicrobial activity	2021	Chemical Data Collections	32		100666			10.1016/j.cdc.2021.100666
Sekhar K.C.; Hameed A.; Narsimlu N.; Alzahrani J.S.; Alothman M.A.; Olarinoye I.O.; Al-Buriah M.S.; Shareefuddin M.	Synthesis, optical, structural, and radiation transmission properties of PbO/Bi2O3/B2O3/Fe2O3 glasses: An experimental and in silico study	2021	Optical Materials	117		111173			10.1016/j.optmat.2021.111173
Balnarsaiah B.; Prasad T.S.; Laxminarayana P.	Classification of Synthetic Aperture Radar-Ground Range Detected Image Using Advanced Convolution Neural Networks	2021	Remote Sensing in Earth Systems Sciences	4	45293		13	29	10.1007/s41976-020-00042-x
Gaddameedhi S.; Srinivas P.	A novel fuzzy based controller to reduce circulating currents in parallel interleaved converter connected to the grid	2021	International Journal of Electrical and Computer Engineering	11	2		1130	1142	10.11591/ijece.v11i2.pp1130-1142
Barapati S.; Raghasudha M.; Veera Somaiah P.	Effect of Al doping on magnetic properties of Co-Mn nanoferrites synthesized via citrate-gel method	2021	Asian Journal of Chemistry	33	5		1125	1132	10.14233/ajchem.2021.23152
Qureshi S.; Khandelwal R.; Madhavi M.; Khurana N.; Gupta N.; Choudhary S.K.; Suresh R.A.; Hazarika L.; Srija C.D.; Sharma K.; Hindala M.R.; Hussain T.; Nayarisseri A.; Singh S.K.	A multi-target drug designing for BTK, MMP9, proteasome and TAK1 for the clinical treatment of mantle cell lymphoma	2021	Current Topics in Medicinal Chemistry	21	9		790	818	10.2174/1568026621666210119112336
Hashim M.; Boda N.; Ahmed A.; Sharma S.K.; Ravinder D.; Sumalatha E.; Ul-Hamid A.; Ismail M.M.; Chaman M.; Shirsath S.E.; Kumar R.; Kumar S.; Meena S.S.; Nasir M.	Influence of samarium doping on structural, elastic, magnetic, dielectric, and electrical properties of nanocrystalline cobalt ferrite	2021	Applied Physics A: Materials Science and Processing	127	7	526			10.1007/s00339-021-04686-4

Nurhayati A.; Venkataramana K.; Vishnuvardhan Reddy C.	Influence of ZrO <sub>2</sub> nanoparticles dispersion on the structural, electrical and thermal properties of Ca <sub>0.9</sub> Sr <sub>0.1</sub> MnO <sub>3</sub>	2021	Physica B: Condensed Matter	609		412826			10.1016/j.physb.2021.412826
Balla C.S.; Ramesh A.; Kishan N.; Rashad A.M.	Impact of Soret and Dufour on bioconvective flow of nanofluid in porous square cavity	2021	Heat Transfer	50	5		5123	5147	10.1002/htj.22118
Kumar J.; Qureshi R.; Sagurthi S.R.; Qureshi I.A.	Designing of Nucleocapsid Protein Based Novel Multi-epitope Vaccine Against SARS-COV-2 Using Immunoinformatics Approach	2021	International Journal of Peptide Research and Therapeutics	27	2		941	956	10.1007/s10989-020-10140-5
Pammi N.; Bhukya K.K.; Lunavath R.K.; Bhukya B.	Bioprospecting of Palmyra Palm (Borassus flabellifer) Nectar: Unveiling the Probiotic and Therapeutic Potential of the Traditional Rural Drink	2021	Frontiers in Microbiology	12		683996			10.3389/fmicb.2021.683996
Ramakrishna Reddy A.; Muddam B.; Sambashiva Rao A.; Rajanna K.C.; Panasa Reddy A.; Thirumala Chary M.	Brønsted acid catalysis in the oxidation of purine based alkaloids by Mn(VII) in aqueous acetonitrile and sodium fluoride medium: A kinetic approach	2021	Asian Journal of Chemistry	33	5		1051	1057	10.14233/ajchem.2021.23142
Bhasker B.; Seetharamaiah N.; Ramesh Babu P.	Influence of thermal pressure and temperature profile approximations in thermohydrodynamic analysis of surface-textured noncircular journal bearing	2021	Heat Transfer	50	2		1095	1112	10.1002/htj.21919
Krishna R.; Ramakrishna C.; Saini B.; Gopi T.; Swetha G.; Shekar S.C.; Srinivas A.	Carbon molecular sieve supported pd catalyzed hydrogenation of cinnamaldehyde in alkaline medium	2021	Asian Journal of Chemistry	33	4		846	852	10.14233/ajchem.2021.23080
Aroori M.; Vemareddy P.; Chowdhury P.; Yellaiah G.	Mid-term Periodicities in Solar Radio Emission Corresponding to Sunspot Number During Solar Cycle 23	2021	Solar Physics	296	3	43			10.1007/s11207-021-01793-6

Meenakshi V.	Dufour and Soret Effect on Unsteady MHD Free Convection and Mass Transfer Flow Past an Impulsively Started Vertical Porous Plate Considering with Heat Generation	2021	Journal of Heat and Mass Transfer Research	8	2		257	266	10.22075/JHMT R.2021.21229.1301
Venu D.; Rao N.V.K.	A computational statistics review for low complexity clutter cancellation for passive bi-static radar	2021	Methodologies and Applications of Computational Statistics for Machine				142	163	10.4018/978-1-7998-7701-1.ch008
Sivakumar P.; Akkera H.S.; Kumar Reddy T.R.; Bitla Y.; Ganesh V.; Kumar P.M.; Reddy G.S.; Poloju M.	Effect of Ti doping on structural, optical and electrical properties of SnO <sub>2</sub> transparent conducting thin films deposited by sol-gel spin coating	2021	Optical Materials	113		110845			10.1016/j.optmat.2021.110845
Chilukoti G.R.; Chavhan V.; Bairabattina V.; Kumar M.S.J.; Hayavadna J.	An artificial neural network approach to predict colour of textile substrate dyed from natural dyes	2021	Asian Dyer	18	3		31	34	
Soni P.; Pandey A.K.; Nayak S.N.; Pandey M.K.; Tolani P.; Pandey S.; Sudini H.K.; Bajaj P.; Fountain J.C.; Singam P.; Guo B.; Varshney R.K.	Global transcriptome profiling identified transcription factors, biological process, and associated pathways for pre-harvest aflatoxin contamination in groundnut	2021	Journal of Fungi	7	6	413			10.3390/jof7060413
M Z.A.; Lavu A.; Ansari M.; Raviraj Acharya V.; Vilakkathala R.	A Cross-Sectional Study on Single-Day Use of Proton Pump Inhibitors in Tertiary Care Hospitals of South India	2021	Hospital Pharmacy	56	2		109	115	10.1177/0018578719873876
Hassanpour M.	Liquid fertilizer generation technologies in industrial scale-up: A review	2021	Advances in Environmental Research	81			89	122	
Jakinala P.; Lingampally N.; Hameeda B.; Sayyed R.Z.; Yahya Khan M.; Elsayed E.A.; Enshasy H.E.	Silver nanoparticles from insect wing extract: Biosynthesis and evaluation for antioxidant and antimicrobial potential	2021	PLoS ONE	16	45354	e0241729			10.1371/journal.pone.0241729



Sumalatha V.; Daravath S.; Rambabu A.; Ramesh G.; Shivaraj	Antioxidant, antimicrobial, DNA binding and cleavage studies of novel Co(II), Ni(II) and Cu(II) complexes of N, O donor Schiff bases: Synthesis and spectral characterization	2021	Journal of Molecular Structure	1229		129606			10.1016/j.molstruc.2020.129606
Yadav G.S.; Anuradha P.	Strain investigation of infill frames using FEA package MSC NASTRAN	2021	Advances in Engineering Software	154		102975			10.1016/j.advengsoft.2021.102975
Kavitha D.; Jaishree A.; Jayalaxmi K.	Impact Analysis of Covid-19 Post Pandemic on Travel and Tourism Sector in India: An Overview	2021	International Research Journal of Multidisciplinary Scope	2	2		52	58	10.47857/irjms.2021.v02i02.053
Samee M.A.; Ahmmad S.K.; Ahmed S.A.; Stalin S.; Edukondalu A.; Rahman S.	Optical Properties of Mixed Alkali Borate Glasses	2021	Glass Physics and Chemistry	47	2		104	117	10.1134/S1087659621020103
Peketi A.; Mazumdar A.; Pillutla S.P.K.; Sawant B.; Gupta H.	Climatic and Tectonic Control on the Bengal Fan Sedimentation Since the Pliocene	2021	Geochemistry, Geophysics, Geosystems	22	3	e2020GC009448			10.1029/2020GC009448
Kumar A.A.; Nayak D.V.	Unglittering Gold Schemes in India	2021	International Advances in Economic Research	27	2		151	153	10.1007/s11294-021-09826-3
Bhasker B.; Seetharamaiah N.; Ramesh Babu P.	Thermal studies of steadily loaded surface-textured noncircular journal bearing profiles to investigate the performance characteristics	2021	Heat Transfer	50	2		1911	1924	10.1002/htj.21962
Sangeetha G.; Sekhar K.C.; Hameed A.; Ramadevudu G.; Chary M.N.; Shareefuddin M.	Influence of CaO on the structure of zinc sodium tetra borate glasses containing Cu <sup>2+</sup> ions	2021	Journal of Non-Crystalline Solids	563		120784			10.1016/j.jnoncrsol.2021.120784

Maramu N.; Sriramulu G.; Ramesh T.; Ravinder D.; Katlakunta S.; Babu T.A.; Prasad N.V.K.	Crystal chemistry, Rietveld analysis, magnetic and microwave properties of Cu-doped strontium hexaferrites	2021	Journal of Materials Science: Materials in Electronics	32	8		10376	10387	10.1007/s10854-021-05694-z
Sumalatha M.; Shravan Kumar Reddy S.; Sreenath Reddy M.; Sripada S.; Manivel Raja M.; Gopal Reddy C.; Yadagiri Reddy P.; Raghavendra Reddy V.	Raman and in-field 57Fe Mössbauer study of cation distribution in indium (In) substituted phase pure cobalt ferrite (CoFe <sub>2</sub> xInxO <sub>4</sub> )	2021	Journal of Magnetism and Magnetic Materials	523		167561			10.1016/j.jmm.2020.167561
Kodimela S.C.; Vinjay G.S.; Kotha S.R.	Artificial Intelligence based Design and Analysis of Exergaming compatible Lower Limb Exoskeleton for Rehabilitation of Pediatric Cerebral Palsy	2021	2021 6th International Conference for Convergence in Technology, ICT 2021			9417958			10.1109/ICT51068.2021.9417958
Chikoti S.; Mahwish U.N.; Raju S.B.; Gaddam S.; Jahan P.	Gender bias in the genetic vulnerability towards type 2 diabetes and diabetic nephropathy: Role of forkhead box Protein3 transcription factor gene variants	2021	Gene	774		145426			10.1016/j.gene.2021.145426
Madhu M.; Doda S.R.; Begari P.K.; Dasari K.R.; Thalari G.; Kadari S.; Yadav J.S.	Enantioselective epoxidation by the chiral auxiliary approach: Asymmetric total synthesis of (+)-Ambrisentan	2021	Journal of Heterocyclic Chemistry	58	4		942	946	10.1002/jhet.4223
Kumar G.A.; Rambabu Y.; Guntu R.K.; Sivaram K.; Reddy M.S.; Rao C.S.; Venkatramu V.; Kumar V.R.; Sriman Narayana Iyengar N.C.	ZrxCa30-xP70 thermoluminescent bio glass, structure and elasticity	2021	Journal of the Mechanical Behavior of Biomedical Materials	119		104517			10.1016/j.jmbbm.2021.104517
Kolla V.; Sultana S.; Joshi Davala S.; Valluri V.	A study on the impact of genetic polymorphisms of cytokines TNF $\alpha$ , IFN $\gamma$ and IL10 in South Indian leprosy patients	2021	Indian Journal of Dermatology	66	2		138	144	10.4103/ijid.684_20
Manju Devi S.; Raj N.; Sashidhar R.B.	Efficacy of short-synthetic antifungal peptides on pathogenic Aspergillus flavus	2021	Pesticide Biochemistry and Physiology	174		104810			10.1016/j.pestb.2021.104810

Bai B.L.	Development of negation in tamil-telugu bilingual children	2021	The Fergusonian Impact: In Honor of Charles A. Ferguson on the Occasion of his				153	169	
Hassanpour M.	STATISTICAL ANALYSIS FOR THE FINANCIAL REPORT FROM ENERGY STREAM/REVENUE IN IRANIAN SMALL AND MEDIUM-SIZED INDUSTRIES	2021	Journal of Engineering and Technology for Industrial Applications	7	28		4	15	10.5935/jetia.v7i28.744
Nagaraju R.; Devaiah B.; Haritha L.; Chandra Sekhar K.; Shareefuddin M.; Sayed M.A.; Lalitha G.; Vijaya Kumar K.	Influence of CaF <sub>2</sub> on spectroscopic studies of lead fluoro bismuth borate glasses doped with Cr <sup>3+</sup> ions	2021	Journal of Non-Crystalline Solids	560		120705			10.1016/j.jnoncrsol.2021.120705
Ande A.; Bhemarajam J.; Kanneboina V.; Swapna; Prasad M.	Influence of Ag nano particles on spectroscopic and luminescence properties of Dy <sup>3+</sup> doped borate glasses	2021	Journal of Non-Crystalline Solids	559		120702			10.1016/j.jnoncrsol.2021.120702
Bitla S.; Gayatri A.A.; Puchakayala M.R.; Kumar Bhukya V.; Vannada J.; Dhanavath R.; Kuthati B.; Kothula D.; Sagurthi S.R.; Atcha K.R.	Design and synthesis, biological evaluation of bis-(1,2,3- and 1,2,4)-triazole derivatives as potential antimicrobial and antifungal agents	2021	Bioorganic and Medicinal Chemistry Letters	41		128004			10.1016/j.bmcl.2021.128004
Mudavath R.; Bhukya R.N.; Jeripotula P.R.	The mitigation of signal integrity issues in coupled MWCNT bundles and a comparison with Cu interconnects	2021	Journal of Computational Electronics	20	3		1430	1438	10.1007/s10825-021-01684-w
Kumar T.S.; Rao N.N.M.; Rawat R.; Rani H.S.; Sharma M.; Sadhu V.; Sainath A.V.S.	Galactopolymer architectures/functionalized graphene oxide nanocomposites for antimicrobial applications	2021	Journal of Polymer Research	28	6	196			10.1007/s10965-021-02528-8
Pawar V.J.; Premchnd P.	Evaluation on Lung Cancer Detection Using Computer Assisted Diagnosis (CAD) System	2021	2021 7th International Conference on Advanced Computing and Communication			9441852	812	817	10.1109/ICACCS51430.2021.9441852

Deivakani M.; Neeraja B.; Reddy K.S.; Sharma H.; Aparna G.	Core Technologies and Harmful Effects of 5G Wireless Technology	2021	Journal of Physics: Conference Series	1817	1	12006			10.1088/1742-6596/1817/1/012006
Parmar S.; Deshmukh D.B.; Kumar R.; Manohar S.S.; Joshi P.; Sharma V.; Chaudhari S.; Variath M.T.; Gangurde S.S.; Bohar R.; Singam P.; Varshney R.K.; Janila P.; Pandey M.K.	Single seed-based high-throughput genotyping and rapid generation advancement for accelerated groundnut genetics and breeding research	2021	Agronomy	11	6	1226			10.3390/agronomy11061226
Rusyani E.; Lavuri R.; Gunardi A.	Purchasing eco-sustainable products: Interrelationship between environmental knowledge, environmental concern, green attitude, and perceived behavior	2021	Sustainability (Switzerland)	13	9	4601			10.3390/su13094601
Bhemarajam J.; Swapna; Mohan Babu M.; Syam Prasad P.; Prasad M.	Spectroscopic studies on Er <sup>3+</sup> ions incorporated bismuth borolead lithium glasses for solid state lasers and fiber amplifiers	2021	Optical Materials	113		110818			10.1016/j.optmat.2021.110818
Kattupalli D.; Barbadikar K.M.; Balija V.; Balichatla S.; Athulya R.; Padmakumari A.P.; Saxena S.; Gaikwad K.; Yerram S.; Kokku P.; Madhav M.S.	The draft genome of yellow stem borer, an agriculturally important pest, provides molecular insights into its biology, development and specificity towards rice for infestation	2021	Insects	12	6	563			10.3390/insects12060563
Hassan M.; Haq S.M.; Rasool A.; Fatima S.; Ashraf A.; Zulfajri M.; Hanafiah M.M.	Ethnobotanical properties and traditional uses of medicinal plant <i>Abutilon theophrasti</i> Medik	2021	Medicinal and Aromatic Plants: Healthcare and Industrial Applications				271	285	10.1007/978-3-030-58975-2_11
Devi L.N.; Rao A.N.	Hybrid feature vector-assisted action representation for human action recognition using support vector machines	2021	Methodologies and Applications of Computational Statistics for Machine				1	22	10.4018/978-1-7998-7701-1.ch001
Manoharachary C.; Deshaboina N.	Biodiversity, taxonomy and plant disease diagnostics of plant pathogenic fungi from India	2021	Indian Phytopathology	74	2		413	423	10.1007/s42360-021-00357-9

Manoharachary C.	Human resource development in plant pathology	2021	Indian Phytopathology	74	2		519	527	10.1007/s42360-021-00359-7
Sriram K.; Harikrishna S.; Choi C.S.	Spectro-temporal studies of rapid transition of the quasi-periodic oscillations in the black hole source h1743-322	2021	Astrophysical Journal	911	2	abe9ae			10.3847/1538-4357/abe9ae
Joolakanti H.B.; Battu S.; Kamepalli R.; Kolanupaka H.R.; Bobbili H.R.	Synthesis, docking and biological activities of novel chromone linked [1,2,3]-triazole derivatives	2021	Chemical Data Collections	32		100651			10.1016/j.cdc.2021.100651
Ashok D.; Ramakrishna K.; Nagaraju N.; Dharavath R.; Reddy M.R.; Sarasija M.	Microwave-Assisted Synthesis of Quinazolines Linked with 1,8-Naphthalimide, Chromene Derivatives and their Antimicrobial Activity	2021	Indian Journal of Heterocyclic Chemistry	31	2		183	189	
Bhargavi M.; Vhora N.; Lanka G.; Somadi G.; Kanth S.S.; Jain A.; Potlapally S.R.	Homology modelling and virtual screening to explore potent inhibitors for MAP2K3 protein	2021	Structural Chemistry	32	3		1039	1051	10.1007/s11224-020-01667-w
Subhash D.; Bhaskar K.	Synthesis, Molecular Structure and Anticancer Activity of (E)-N-((2-Piperidin-1-yl)Quinolin-3-yl)Methylene)Aniline Derivatives	2021	Moscow University Chemistry Bulletin	76	2		169	172	10.3103/S0027131421020115
Choppari T.; Gunnam S.; Chennuru L.N.; Boddala C.S.R.; Murthy C.P.; Kumar Talluri M.V.N.	Enantioselective Separation of Antiretroviral Drug Combinations on Immobilized Polysaccharide CSPs Under Subcritical Conditions Using Supercritical Fluid Chromatography Apparatus	2021	Chromatographia	84	3		297	306	10.1007/s10337-021-04004-3
Basavaraju S.; Kaleru A.; Chintireddy S.R.	Heat transfer analysis of gas turbine blade by varying number of cooling holes and at suitable coolant speeds using CFD	2021	International Journal of Heat and Technology	39	3		858	866	10.18280/ijht.390320

Barmukh R.; Soren K.R.; Madugula P.; Gangwar P.; Shanmugavadivel P.S.; Bharadwaj C.; Konda A.K.; Chaturvedi S.K.; Bhandari A.; Rajain K.; Singh N.P.; Roorkiwal M.; Varshney R.K.	Construction of a high-density genetic map and QTL analysis for yield, yield components and agronomic traits in chickpea ( <i>Cicer arietinum</i> L.)	2021	PLoS ONE	16	45417	e0251669			10.1371/journal.pone.0251669
Gurrula S.; Anumolu P.D.; Panchakatla V.; Chakka R.; Maddala V.; Achanta R.	Application of emission intensity in quantification and forced degradation studies of mesalamine	2021	Indian Drugs	58	3		59	61	10.53879/id.58.03.11074
Thomas T.; Jayababu N.; Shruthi J.; Mathew A.; Cerdán-Pasarán A.; Hernández-Magallanes J.A.; Sanal K.C.; R R.	Room temperature ammonia sensing of $\gamma$ -MoO <sub>3</sub> nanorods grown on glass substrates	2021	Thin Solid Films	722		138575			10.1016/j.tsf.2021.138575
Suman J.; Shyamala K.; Roja G.	Improving network lifetime in WSN's based on maximum residual energy	2021	2021 2nd International Conference for Emerging Technology, INCET 2021			9456313			10.1109/INCET51464.2021.9456313
Naik M.G.; Kishore R.; Dehmourdi S.A.M.	Modeling a multi-criteria decision support system for prequalification assessment of construction contractors using critic and Edas models	2021	Operational Research in Engineering Sciences: Theory and Applications	4	2		79	101	10.31181/oresta20402079n
Ahmmad S.K.; Jabeen N.; Uddin Ahmed S.T.; Ahmed S.A.; Rahman S.	Artificial intelligence density model for oxide glasses	2021	Ceramics International	47	6		7946	7956	10.1016/j.ceramint.2020.11.144
Shaik A.; Kondaparthi V.; Aveli R.; Vijjulatha M.; Sree Kanth S.; Das Manwal D.	Interaction of vanadium metal complexes with protein tyrosine phosphatase-1B enzyme along with identification of active site of enzyme by molecular modeling	2021	Inorganic Chemistry Communications	126		108499			10.1016/j.inoch.2021.108499
Mandala J.P.; Thada S.; Sivangala R.; Ponnana M.; Myakala R.; Gaddam S.	Influence of NOD-like receptor 2 gene polymorphisms on muramyl dipeptide induced pro-inflammatory response in patients with active pulmonary tuberculosis and household contacts	2021	Immunobiology	226	4	152096			10.1016/j.imbio.2021.152096

Bandaru R.; Ravi Kumar J.	Tourism service in India: A model for identifying niche tourism products in view of foreign tourists	2021	International Journal of Hospitality and Tourism Systems	14	1		121	127	
Ravi B.; Venakata Lakshmi A.	Completely monotonicity of class functions involving the polygamma and related functions	2021	Asian-European Journal of Mathematics	14	4	2150064			10.1142/S1793557121500649
Ashok D.; Ramakrishna K.; Nagaraju N.; Reddy M.R.; Dharavath R.; Sarasija M.	Microwave-Assisted Synthesis of Substituted 2-(2H-Chromen-3-yl)-5-phenyl-1H-imidazole Based Coumarin Derivatives and Their Antimicrobial Activity	2021	Russian Journal of General Chemistry	91	4		711	716	10.1134/S1070363221040216
Reddy Y.P.; Tiwari S.; Tomar L.K.; Desai N.; Sharma V.K.	Fluoride-Induced Expression of Neuroinflammatory Markers and Neurophysiological Regulation in the Brain of Wistar Rat Model	2021	Biological Trace Element Research	199	7		2621	2626	10.1007/s12011-020-02362-x
Allemshetty J.; Mangu B.; Bukya R.; Sudhakar A.V.V.	Impact of High Renewable Energy Penetration into the Indian Grid	2021	2021 National Power Electronics Conference, NPEC 2021						10.1109/NPEC52100.2021.9672463
Kodandaram M.	Ambedkar on reorganization of states: A case study of Telangana	2021	B.R. Ambedkar and Social Transformation: Revisiting the Philosophy and Reclaiming				154	169	10.4324/9780429356759-9
Shravya P.; Singh A.K.; Dasari R.K.; Koul S.K.	Design of Ultrathin Metasurface Lens for Gain Enhancement of Microstrip Patch Antenna	2021	2021 IEEE Indian Conference on Antennas and Propagation, InCAP 2021				883	886	10.1109/InCAP52216.2021.9726401
Brahmaiah D.; Kanaka Durga Bhavani A.; Aparna P.; Sampath Kumar N.; Solhi H.; Le Guevel R.; Baratte B.; Ruchaud S.; Bach S.; Singh Jadav S.; Raji Reddy C.; Roisnel T.; Mosset P.; Levoine N.; Grée R.	Discovery of DB18, a potent inhibitor of CLK kinases with a high selectivity against DYRK1A kinase	2021	Bioorganic and Medicinal Chemistry	31		115962			10.1016/j.bmc.2020.115962

Priya R.N.B.; Hanmandlu M.; Vasikarla S.	Emotion Recognition Using Deep Learning	2021	Proceedings - Applied Imagery Pattern Recognition Workshop	2021-October					10.1109/AIPR52630.2021.9762207
Bukya R.; Mangu B.; Bhaskar B.; Ramesh J.	Design and Analysis of Compensation Capacitors In P-S Topology for Wireless System with Buck/Boost Converter on Receiver Side	2021	2021 IEEE Transportation Electrification Conference, ITEC-India 2021						10.1109/ITEC-India53713.2021.9932479
Ahmmad S.K.; Magudapathy P.; Edukondalu A.; Ahmed S.A.; Rahman S.	Nitrogen implantation of zinc arsenic tellurite glasses	2021	Journal of the Australian Ceramic Society	57	1		185	194	10.1007/s41779-020-00515-8
Suryanarayana; Bhusal R.L.	A Framework for Examining the Effect of Recruitment Information Sources on Organizational Attraction and Intention to Apply: Mediating Role of Person-Organization Fit	2021	Review of Integrative Business and Economics Research	10	2		1	31	
Guntuku R.; Shyamala K.; Nigam P.	Design and Testbed Implementation of MAX LEACH Protocol Using SENSEnnts	2021	2021 IEEE Bombay Section Signature Conference, IBSSC 2021						10.1109/IBSSC53889.2021.9673349
Veeraswamy Y.; Choudhary R.J.; Shobharani D.; Vinoth S.; Ramana Reddy M.V.	Structural Characteristics of Cr-Doped In2O3 Thin Films Grown by Pulsed Laser Deposition	2021	Springer Proceedings in Materials	11			25	33	10.1007/978-981-16-2982-2_3
Rao Y.L.N.; Ravindranath G.	Low cost implementation of DTC-SVM of Induction motor using ARDUINO UNO	2021	IEEE 2nd International Conference on Applied Electromagnetics Signal						10.1109/AESPC52704.2021.9708524
Vedavyas S.; Sekhar K.C.; Ahammed S.; Ramadevudu G.; Chary M.N.; Shareefuddin M.	Physical and structural studies of cadmium lead boro-tellurite glasses doped with Cu2+ ions	2021	Journal of Materials Science: Materials in Electronics	32	3		3083	3091	10.1007/s10854-020-05058-z



Sarkar S.; Pandey B.; Bhattacharjee S.	Do galactic bars depend on environment?: An information theoretic analysis of Galaxy Zoo 2	2021	Monthly Notices of the Royal Astronomical Society	501	1		994	1001	10.1093/mnras/staa3665
Faiz F.M.; Umar Farooq M.; Faiz A.M.; Pasha M.; Hijab M.	Encrypting and Predicting Medical Diagnosis Data	2021	IEMECON 2021 - 10th International Conference on Internet of Everything						10.1109/IEMEC ON53809.2021.9689139
Kalpana P.; Venugopal A.; Sudha P.V.	A contemporary framework key based crypto method to enhance security in multi cloud ambience	2021	Proceedings - IEEE 2021 International Conference on Computing, Communication			9397100	275	280	10.1109/ICCCIS51004.2021.9397100
Satish N.G.	Publisher interest in citations: An analysis of Scopus database	2021	Annals of Library and Information Studies	68	4		349	354	
Jayarambabu N.; Venkatappa Rao T.; Rakesh Kumar R.; Akshaykranth A.; Shanker K.; Suresh V.	Anti-hyperglycemic, pathogenic and anticancer activities of Bambusa arundinacea mediated Zinc Oxide nanoparticles	2021	Materials Today Communications	26		101688			10.1016/j.mtcomm.2020.101688
Anumolu P.D.; Sunitha G.; Swathi N.; Sri Manaswini Y.; Radha Gayatri A.; Sunayana M.R.	DOMINATED RP-HPLC METHOD for QUALITYCONTROL OF TERNARY PHARMACEUTICAL FORMULATION: GUAIFENESIN/LEVOCETIRIZINE/AMBROXOL HCL and STABILITY STUDIES	2021	Indian Drugs	58	2		18	25	
Mamata D.; Sapavatu S.N.; Patnaik K.S.K.R.	Stability-indicating HPLC method for simultaneous estimation of glecaprevir and pibrentasvir, application to in-vitro dissolution studies	2021	Research Journal of Pharmacy and Technology	14	2		617	622	10.5958/0974-360X.2021.001104
Bharathi A.A.; Merugu L.	A Wideband Circularly Polarized Endfire Microstrip Antenna	2021	Proceedings of the 2021 IEEE 18th India Council International Conference						10.1109/INDICON52576.2021.9691536

Gopal D.; Saleem S.; Jagadha S.; Ahmad F.; Othman Almatroud A.; Kishan N.	Numerical analysis of higher order chemical reaction on electrically MHD nanofluid under influence of viscous dissipation	2021	Alexandria Engineering Journal	60	1		1861	1871	10.1016/j.aej.2020.11.034
Saritha A.; Reddy C.V.R.; Sireesha B.	Synthesis, characterization and biological activity of mixed ligand chelates of Ni(II) with pyridoxalithiosemicarbazone and dipeptides	2021	Vietnam Journal of Chemistry	59	1		57	68	10.1002/vjch.202000100
Bhasker B.; Seetharamaiah N.; Babu P.R.; Gugulothu S.K.	Hydrodynamic Bearing Performance Trade-Off Study and Fuzzy-Based Multi-Objective Optimization on an Offset Surface Textured Journal Bearing	2021	Journal of Bio-and Tribo-Corrosion	7	1	17			10.1007/s40735-020-00453-9
Bodiga V.L.; Kudle M.R.; Vemuri P.K.; Bodiga S.	Crocin inhibits urea-induced amyloid formation by bovine $\beta$ -lactoglobulin	2021	New Journal of Chemistry	45	5		2589	2596	10.1039/d0nj02335c
Velagapudi K.; Jeevigunta N.L.L.; Bodiga V.L.	Zinc dyshomeostasis in azoxymethane-induced colonic precancerous and cancerous lesions in Fischer rats	2021	Metallomics	13	2	mfaa009			10.1093/mtomcs/mfaa009
Nampally R.; Somannagari S.; Kamatala C.R.; Bhongiri Y.; Utkoor U.K.	Micellar effects on the kinetics and mechanism of ceric ammonium nitrate oxidation of bicyclic monoterpenes under acid free conditions	2021	Chemical Data Collections	31		100645			10.1016/j.cdc.2020.100645
Ammana S.R.; Katukojwala S.; Satyanarayana B.; Songala K.K.; Boddani S.; Kommineni N.; Tada N.; Achanta D.S.	Development of Simple Software Receiver For IRNSS L5 Signal	2021	Proceedings of 2021 IEEE International Women in Engineering (IWIIE)				167	171	10.1109/WIECON-ECE54711.2021.9829679
Rani A.R.; Ayyangar K.; Reddy A.R.; Kumar A.A.; Reddy P.R.Y.	Efficacy of MLC based cobalt <sup>60</sup> plans: A DVH comparison and analysis with 6 MV plans	2021	Medical Dosimetry	46	1		80	85	10.1016/j.meddos.2020.09.002

Lavuri R.; Jusuf E.; Gunardi A.	GREEN SUSTAINABILITY: FACTORS FOSTERING AND BEHAVIOURAL DIFFERENCE BETWEEN MILLENNIAL AND GEN Z: MEDIATING ROLE OF GREEN PURCHASE INTENTION	2021	Ekonomia i Srodowisko	76	1		8	38	10.34659/2021/1/1
Bhattacharjee S.	Constraining f(T, B) teleparallel gravity from energy conditions	2021	New Astronomy	83		101495			10.1016/j.newast.2020.101495
Bhaskera B.; Seetharamaiah N.; Babu P.R.	Experimental investigations on elliptical journal bearing using hydrol 68 lubricating oil	2021	AIP Conference Proceedings	2317		30023			10.1063/5.0036458
Reddy A.C.S.; Sandeep B.; Sandeep Kumar J.; Sanjanna B.	Experimental Determination of Anisotropic Properties and Evaluation of FLD for Sheet Metal Operations	2021	Advances in Science and Technology	106 AST			39	45	10.4028/www.scientific.net/AST.106.39
Bhagavanth Reddy G.; Bandi R.	Synthesis of selenium nanoparticles by using microorganisms and agri-based products	2021	Agri-Waste and Microbes for Production of Sustainable Nanomaterials				655	683	10.1016/B978-0-12-823575-1.00016-0
Chathyushya K.B.; Prakash M.S.; Kodandapani Y.; Bheema B.; Babu J.J.G.; Hemalatha R.	Studies on the isolation and molecular characterization of Lactobacillus spp. from human breast milk and assessment of their probiotic potential	2021	Environmental and Experimental Biology	19	4		209	218	10.22364/eeb.19.20
Rajeshwari K.; Anantha Lakshmi P.V.; Archana J.; Sumakanth M.	Ternary Cobalt(II), Nickel(II), and Copper(II) complexes containing metformin and ethylenediamine: Synthesis, characterization, thermal, in vitro DNA binding, in silico molecular docking, and in vivo antihyperglycemic studies	2021	Applied Organometallic Chemistry	35	2	e6100			10.1002/aoc.6100
Bommagani M.B.; Yerrabelly J.R.; Chitneni M.; Thalari G.; Vadiyala N.R.; Boda S.K.; Chitneni P.R.	Synthesis and antibacterial activity of novel cinnoline-isoxazole derivatives	2021	Chemical Data Collections	31		100629			10.1016/j.cdc.2020.100629

Vishnuvardhan M.; Pradeep M.; Gangadhar T.	An efficient microwave assisted synthesis and antimicrobial activity of novel p-Tolyloxyquinoline-Triazole hybrid derivatives	2021	Chemical Data Collections	31		100612			10.1016/j.cdc.2020.100612
Ahammed M.T.; Das M.; Sadath M.D.A.; Hossain M.D.A.; Kaium M.H.; Ali M.D.A.; Islam M.D.S.; Das C.	Design of Porous Core Fiber for Terahertz Regime using Zeonex	2021	Proceedings of the 2021 4th International Conference on Computing and Communications				538	543	10.1109/ICCT53315.2021.9711841
Rameezunnisa; Maheen K.	Social media sentiment analysis and emotional intelligence including women role during COVID-19 crisis	2021	Researches and Applications of Artificial Intelligence to Mitigate Pandemics				79	108	10.1016/B978-0-323-90959-4.00004-3
Kandula J.; Usha Sri P.; Ravinder Reddy P.; Gugulothu S.K.	Numerical and experimental cavitation assessment of near-wake characteristics of hydrodynamic performance characteristics of cavitating flow with and without ultrasonic transducers	2021	Measurement: Journal of the International Measurement Confederation	173		108591			10.1016/j.measurement.2020.108591
Thada S.; Horvath G.L.; Müller M.M.; Dittrich N.; Conrad M.L.; Sur S.; Hussain A.; Pelka K.; Gaddam S.L.; Latz E.; Slevogt H.; Schumann R.R.; Burkert S.	Interaction of TLR4 and TLR8 in the innate immune response against mycobacterium tuberculosis	2021	International Journal of Molecular Sciences	22	4	1560	1	23	10.3390/ijms22041560
Shalini G.R.; Krishna D.R.; Karthikeya G.S.; Koul S.K.	Design of 3D printed lens antenna for 5G applications	2021	2021 IEEE MTT-S International Microwave and RF Conference, IMARC 2021						10.1109/IMARC49196.2021.9714615
Hogipuram S.; Gunti V.K.; Kumar R.; Ravi Kumar B.V.; Mangu B.; Karunanidhi S.	Design, Analysis and Realization of a Compact, Low Inertia BLDC Motor for High Bandwidth EMA Application	2021	2021 National Power Electronics Conference, NPEC 2021						10.1109/NPEC52100.2021.9672530
Rather G.A.; Gul M.Z.; Riyaz M.; Chakravorty A.; Khan M.H.; Nanda A.; Bhat M.Y.	Toxicity and risk assessment of nanomaterials	2021	Handbook of Research on Nano-Strategies for Combatting Antimicrobial Resistance and				391	416	10.4018/978-1-7998-5049-6.ch019

Mamidala S.; Peddi S.R.; Aravilli R.K.; Jilloju P.C.; Manga V.; Vedula R.R.	Microwave irradiated one pot, three component synthesis of a new series of hybrid coumarin based thiazoles: Antibacterial evaluation and molecular docking studies	2021	Journal of Molecular Structure	1225		129114			10.1016/j.molstruc.2020.129114
Mamatha G.; Sowmya P.; Madhuri D.; Mohan Babu N.; Suresh Kumar D.; Vijaya Charan G.; Varaprasad K.; Madhukar K.	Antimicrobial Cellulose Nanocomposite Films with In Situ Generations of Bimetallic (Ag and Cu) Nanoparticles Using Vitex negundo Leaves Extract	2021	Journal of Inorganic and Organometallic Polymers and Materials	31	2		802	815	10.1007/s10904-020-01819-9
Jilloju P.C.; Shyam P.; Sanjeev A.; Vedula R.R.	Four-component, one-pot synthesis of (E)-N-benzylidene-3-(benzylthio)-5-(3,5-dimethyl-1H-pyrazol-1-yl)-4H-1,2,4-triazol-4-amines and their DNA binding and molecular docking studies	2021	Journal of Molecular Structure	1225		129140			10.1016/j.molstruc.2020.129140
Veeravarapu H.; Malkhed V.; Mustyala K.K.; Vadija R.; Malikanti R.; Vuruputuri U.; Muthyala M.K.K.	Structure-based drug design, synthesis and screening of MmaA1 inhibitors as novel anti-TB agents	2021	Molecular Diversity	25	1		351	366	10.1007/s11030-020-10107-0
Anilkumar A.; Lincoln Ch.A.	Synthesis characterisation, antimicrobial activity and DNA cleavage of (E)-4-[(2-Morpholinoquinolin-3-yl)methylene Amino] Phenol Schiff base metal complexes	2021	Research Journal of Chemistry and Environment	25	2		194	200	
Reddy R.J.; Kumari A.H.	Synthesis and applications of sodium sulfinates (RSO <sub>2</sub> Na): a powerful building block for the synthesis of organosulfur compounds	2021	RSC Advances	11	16		9130	9221	10.1039/d0ra09759d
Gul M.Z.; Bhat M.Y.; Velpula S.; Rupula K.; Beedu S.R.	Phytomedicine and phytonanocomposites-An expanding horizon	2021	Phytomedicine: A Treasure of Pharmacologically Active Products from Plants				95	147	10.1016/B978-0-12-824109-7.00004-2
Hassanpour M.	An investigation of five generation and regeneration industries using dea	2021	Operational Research in Engineering Sciences: Theory and Applications	4	1		19	37	10.31181/ORES TA2040115H

Stalin S.; Gaikwad D.K.; Al-Buriah M.S.; Srinivasu C.; Ahmed S.A.; Tekin H.O.; Rahman S.	Influence of Bi2O3/WO3 substitution on the optical, mechanical, chemical durability and gamma ray shielding properties of lithium-borate glasses	2021	Ceramics International	47	4		5286	5299	10.1016/j.ceramint.2020.10.109
Cader S.; Nagaraj K.; Javid S.; Babbar N.J.	A Quantitative Study of Mental Health Of Graduate & Undergraduate Students In STEM Focusing On Space Sciences And Engineering During The Covid-19 Pandemic.	2021	Proceedings of the International Astronautical Congress, IAC	E1					
Kandula J.; Sri P.U.; Reddy P.R.	Numerical investigation of cavitating flows in the step nozzle	2021	AIP Conference Proceedings	2317		30009			10.1063/5.0036215
Suman K.; Neeraja C.N.; Madhubabu P.; Rathod S.; Bej S.; Jadhav K.P.; Kumar J.A.; Chaitanya U.; Pawar S.C.; Rani S.H.; Subbarao L.V.; Voleti S.R.	Identification of Promising RILs for High Grain Zinc Through Genotype × Environment Analysis and Stable Grain Zinc QTL Using SSRs and SNPs in Rice (Oryza sativa L.)	2021	Frontiers in Plant Science	12		587482			10.3389/fpls.2021.587482
Bindu P.H.; Termsuk C.; Hubbard M.W.J.; Ley K.; Taggart M.P.; Lohstroh A.	Experimental verification of consistency of micro-silica glass bead thermoluminescent detectors for mixed gamma/neutron irradiation	2021	Radiation Physics and Chemistry	179		109210			10.1016/j.radphyschem.2020.10.9210
Siddiqui T.A.J.; Shaikh S.F.; Totawar B.B.; Dumpala M.; Ubaidullah M.; Thamer B.M.; Mane R.S.; Al-Enizi A.M.	Tungsten oxides: green and sustainable heterogeneous nanocatalysts for the synthesis of bioactive heterocyclic compounds	2021	Dalton Transactions	50	6		2032	2041	10.1039/d0dt04238b
Barmukh R.; Roorkiwal M.; Jaba J.; Chitkineni A.; Mishra S.P.; Sagurthi S.R.; Munghate R.; Sharma H.C.; Varshney R.K.	Development of a dense genetic map and QTL analysis for pod borer Helicoverpa armigera (Hübner) resistance component traits in chickpea (Cicer arietinum L.)	2021	Plant Genome	14	1	e20071			10.1002/tpg2.20071
V. M. V.; Pola S.; Chetti P.	Optoelectronic and charge transport properties of D-n-A type 1,3,5-triazine derivatives: A combined experimental and DFT study	2021	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	245		118940			10.1016/j.saa.2020.118940

Putty S.; Lavadya N.D.; Nageswar Rao A.	Study and Analysis of Various Intrusion Detection Techniques in Wireless Sensor Networks	2021	2021 IEEE International Conference on Mobile Networks and Wireless PLoS ONE						10.1109/ICMN WC52512.2021.9688522
Muttineni R.; Kammili N.; Bingi T.C.; Raja Rao M.; Putty K.; Dholaniya P.S.; Puli R.K.; Pakalapati S.; Saritha S.; Shekar K.; Doodipala M.R.; Upadhyay A.A.; Bosinger S.E.; Amara R.R.; Kondapi A.K.	Clinical and whole genome characterization of SARS-CoV-2 in India	2021	PLoS ONE	16	45324	e0246173			10.1371/journal.pone.0246173
Bengi K.; Maddikayala S.; Pulimamidi S.R.	Biological evaluation, molecular docking, DNA interaction and thermal studies of new bioactive metal complexes of 2-hydroxybenzaldehyde and fluorobenzamine Schiff base ligand	2021	Applied Organometallic Chemistry	35	2	e6085			10.1002/aoc.6085
Battulaa P.K.; Kumar D.V.P.; Reddy K.C.; Kumar K.K.; Yellaiah G.	Latitudinal variation in vertical distribution of meteor decay time and its relation with mesospheric Ozone in the altitude range of 80-90 km	2021	Indian Journal of Radio and Space Physics	50	3		115	124	
Subburu M.; Gade R.; Guguloth V.; Chetti P.; Ravulapelly K.R.; Pola S.	Effective photodegradation of organic pollutants in the presence of mono and bi-metallic complexes under visible-light irradiation	2021	Journal of Photochemistry and Photobiology A: Chemistry	406		112996			10.1016/j.jphotochem.2020.112996
Kadari D.; Padmaja G.; Rajak B.	Distress and quality of life among type ii diabetic patients: Role of physical activity	2021	Asia Pacific Journal of Health Management	16	1	i569			10.24083/apjhm.v16i1.569
Prajapati J.P.; Das D.; Katlakunta S.; Maramu N.; Ranjan V.; Mallick S.	Synthesis and characterization of ultrasmall Cu2O nanoparticles on silica nanoparticles surface	2021	Inorganica Chimica Acta	515		120069			10.1016/j.ica.2020.120069
Reddy S.K.K.; Gupta H.; Badimela U.; Reddy D.V.; Kurakalva R.M.; Kumar D.	Export of particulate organic carbon by the mountainous tropical rivers of Western Ghats, India: Variations and controls	2021	Science of the Total Environment	751		142115			10.1016/j.scitotenv.2020.142115

Chama S.N.K.; Katukojwala S.; Ammana S.R.; Agarwal S.; Reddy K.V.K.; Achanta D.S.	Design and development of NavIC and GPS based geolocation system for CO2 monitoring	2021	Proceedings of International Conference on Innovative Practices in Technology and			9388326	50	54	10.1109/ICIPTM52218.2021.9388326
Shailaja A.; Srinath M.; Bindu B.V.B.; Giri C.C.	Isolation of 4-hydroxy 3-methyl 2-butenyl 4-diphosphate reductase (ApHDR) gene of methyl erythritol diphosphate (MEP) pathway, in silico analysis and differential tissue specific ApHDR expression in <i>Andrographis paniculata</i> (Burm. f) Nees	2021	Physiology and Molecular Biology of Plants	27	2		223	235	10.1007/s12298-021-00952-0
Desai N.C.; Vaja D.V.; Monapara J.D.; Manga V.; Vani T.	Synthesis, biological evaluation, and molecular docking studies of novel pyrazole, pyrazoline-clubbed pyridine as potential antimicrobial agents	2021	Journal of Heterocyclic Chemistry	58	3		737	750	10.1002/jhet.4208
Kumar P.S.	Applications of Hybrid Wind Solar Battery Based Microgrid for Small-Scale Stand-Alone Systems and Grid Integration for Multi-Feeder Systems	2021	Electrical and Electronic Devices, Circuits, and Materials: Technological				517	533	10.1002/9781119755104.ch27
Durgam K.; Eppa R.; Ramana Reddy M.V.; Sivakumar J.; Sayanna R.	Effect of metal ions doping on structural, optical properties and photocatalytic activity of anatase TiO2 thin films	2021	Surface and Interface Analysis	53	2		194	205	10.1002/sia.6901
Valluri S.R.; Mehra A.; Singh N.; D'Silva R.; Sateesh D.; Cader S.	Analysis based multi-mode propulsion system for lander missions through simulation	2021	Proceedings of the International Astronautical Congress, IAC	C4					
Manjari K.S.; Chakraborty D.; Kumar A.; Singh S.	Biodiversity and Importance of Plant Bioprospecting in Cosmetics	2021	Bioprospecting of Plant Biodiversity for Industrial Molecules				189	210	10.1002/9781119718017.ch10
Rao Y.J.; Abhijit K.; Mallikarjun G.; Hemasri Y.	Design and synthesis of novel benzyloxy-tethered-chromone-carboxamide derivatives as potent and selective human monoamine oxidase-b inhibitors	2021	Chemical Papers	75	2		703	716	10.1007/s11696-020-01332-w



Satish N.G.	International collaboration and high citation impact – A case analysis of immunology	2021	Annals of Library and Information Studies	68	4		366	375	
Srinath M.; Shailaja A.; Bindu B.B.V.; Giri C.C.	Molecular Cloning and Differential Gene Expression Analysis of 1-Deoxy-D-xylulose 5-Phosphate Synthase (DXS) in <i>Andrographis paniculata</i> (Burm. f) Nees	2021	Molecular Biotechnology	63	2		109	124	10.1007/s12033-020-00287-3
Edathara P.M.; Chintalapally S.; Makani V.K.K.; Pant C.; Yerramsetty S.; D. Rao M.; Bhadra M.P.	Inhibitory role of oleanolic acid and esculetin in HeLa cells involve multiple signaling pathways	2021	Gene	771		145370			10.1016/j.gene.2020.145370
Bhanu B.D.; Alluri A.; Shanker A.K.; Ulaganathan K.	DNA methylation in plants and its role in abiotic stress tolerance	2021	Climate Change and Crop Stress: Molecules to Ecosystems				539	564	10.1016/B978-0-12-816091-6.00018-3
Rayeezuddin M.; Krishna Reddy B.; Sudheer Reddy D.	Performance of reconstruction factors for a class of new complex continuous wavelets	2021	International Journal of Wavelets, Multiresolution and Information Processing	19	2	2050067			10.1142/S0219691320500678
Sai Kiran A.; Ramesh K.	Impact of ownership structure on dividend policies of indian non - financial firms	2021	Indian Journal of Finance	15	2		49	61	10.17010/ijf/2021/v15i2/157639
Mahwish U.N.; Pasha M.K.; Heera B.; Raju S.B.; Jahan P.	Implication of podocin promoter variant haplotype in south Indian diabetic kidney patients	2021	Meta Gene	27		100835			10.1016/j.mgene.2020.100835
Yagnasri P.; Seetharamaiah N.; Sri P.U.	Magnetorheological Performance of Nano Magnetorheological (MR) Fluid Based on NiFe <sub>2</sub> O <sub>4</sub> Nanoparticles	2021	NanoWorld Journal	7	1		1	7	10.17756/nwj.2021-085

Aparna G.; Anitha Mary G.; Sumana G.	Performance Analysis of Signal Processing Techniques in Bioinformatics for Medical Applications Using Machine Learning Concepts	2021	Data Analytics in Bioinformatics: A Machine Learning Perspective				391	429	10.1002/9781119785620.ch16
Narayana A.S.	Diversity Management Interventions for Enhancing Competitive Advantage: A Synthesis of Current Research and Literature	2021	Research Anthology on Cross-Industry Challenges of Industry 4.0	1			114	135	10.4018/978-1-6684-2405-6.ch008
Nallagouni C.S.R.; Gangapuram B.R.; Karnati P.R.	Green synthesis of gold nanoparticles using leaf extract of caesalpinia bonducella and its biological applications	2021	Research Journal of Pharmacy and Technology	14	2		1037	1040	10.5958/0974-360X.2021.00185.2
Bhagavanth R.R.; Dadigala R.; Bandi R.; Seku K.; Koteswararao D.; Mangatayaru K G.; Shalan A.E.	Microwave-assisted preparation of a silver nanoparticles/N-doped carbon dots nanocomposite and its application for catalytic reduction of rhodamine B, methyl red and 4-nitrophenol dyes	2021	RSC Advances	11	9		5139	5148	10.1039/d0ra10679h
Sanjeev R.; Sreedhar P.; Jagannadham V.	Do We Really Need the Concentration and Volume of a Solution of a Weak Acid to Calculate the Percentage Ionization or Degree of Ionization?	2021	World Journal of Chemical Education	9	2		64	67	10.12691/wjce-9-2-5
Sharma N.; Krishna Prasad A.V.; Kakulapati V.	File-level Deduplication by using text files - Hive integration	2021	2021 International Conference on Computer Communication and Informatics			9402465			10.1109/ICCCI50826.2021.9402465
Shanker A.K.; Bhanu B.D.; Alluri A.; Rajah N.; Chavez R.; Maheswari M.	Chloroplast evolution and genome manipulation	2021	Climate Change and Crop Stress: Molecules to Ecosystems				411	440	10.1016/B978-0-12-816091-6.00001-8
Bhukya S.; Bharadwaj A.; Murali Krishna T.; Babu N.V.P.; Mallesham G.; Maiti S.	Control of Asymmetrical Multilevel STATCOM with Hybrid Energy System	2021	2021 National Power Electronics Conference, NPEC 2021						10.1109/NPEC52100.2021.9672496

Rapaka J.; Devi G.S.	EFFECTS OF SUBLETHAL COPPER EXPOSURE ON NUCLEIC ACID LEVELS IN FISH, OREOCHROMIS MOSSAMBICUS (PETERS)	2021	Journal of Advanced Zoology	42	1		118	127	
Kumar N.P.; Sagar E.; Reddy P.V.	Specific Heat and Magnetocaloric Properties of Some Manganite-Based Multiferroics for Cryo Cooling Applications	2021	Nanostructured Multiferroics				193	232	10.1002/9783527809967.ch8
Jayaprakash D.; Swathi N.	Formulation and characterization of rosuvastatin mouth dissolving films for the treatment of hyperlipidemia	2021	Research Journal of Pharmacy and Technology	14	2		997	1002	10.5958/0974-360X.2021.00178.5
Chakravarthula M.	Taxonomy and Ecology of Soil Fungi in India: Aspects and Prospects	2021	Progress in Mycology: An Indian Perspective				439	490	10.1007/978-981-16-2350-9_16
Suthari S.; Kota S.; Kanneboyena O.; Gul M.Z.; Abbagani S.	Ethnobotanical perspectives in the treatment of communicable and noncommunicable diseases	2021	Phytomedicine: A Treasure of Pharmacologically Active Products from Plants				251	289	10.1016/B978-0-12-824109-7.00016-9
Sanuvala G.; Fatima S.S.	A Study of Automated Evaluation of Student's Examination Paper using Machine Learning Techniques	2021	Proceedings - IEEE 2021 International Conference on Computing, Communication			9397227	1049	1054	10.1109/ICCCIS51004.2021.9397227
Sanjeev R.; Padmavati D.A.; Jagannadham V.	Why the Second $\pi$ -Bond Exceptionally Effective on pKa Values of $\alpha$ -nitro (-C $\equiv$ N) Compounds? Chemical Education Perspective	2021	World Journal of Chemical Education	9	3		94	95	10.12691/wjce-9-3-5
Jawade P.B.; Sai Kumar D.; Ramachandram S.	A compact analytical survey on task scheduling in cloud computing environment	2021	International Journal of Engineering Trends and Technology	69	2		178	187	10.14445/22315381/IJETT-V69I2P225

Muthuraman A.; Shaikh S.A.; Ramesh M.; Sikarwar M.S.	The structure–activity relationship of marine products for neuroinflammatory disorders	2021	Studies in Natural Products Chemistry	70			151	194	10.1016/B978-0-12-819489-8.00013-2
Yasmin Begum M.; Alqahtani A.; Ghazwani M.; Alhamood N.A.; Hani U.; Jajala A.; Rahamathulla M.	Development of duloxetine hydrochloride tablets for delayed and complete release using Eudragit L 100	2021	International Journal of Polymer Science	2021		8890503			10.1155/2021/8890503
Nakirekanti M.; Hemalatha Y.; Hemalatha R.	A Wideband Slotted Monopole Antenna for EW and CR Applications	2021	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics						10.1109/CONECCT52877.2021.9622670
Prameela K.U.; Wurmbrand R.R.; Jayakar R.P.S.	An Interpretation of Non-Preemptive Priority Fuzzy Queuing Model with Asymmetrical Service Rates	2021	Pakistan Journal of Statistics and Operation Research	17	4		791	797	10.18187/pjsor.v17i4.3878
Ali M.M.; Qaseem M.S.; Hussain A.	Segmenting lecture video into partitions by analyzing the contents of video	2021	2021 International Conference on Data Analytics for Business and Industry, ICDABI				191	196	10.1109/ICDABI53623.2021.9655924
Marathe A.; Sen A.	Empathetic reflection: reflecting with emotion	2021	Reflective Practice	22	4		566	574	10.1080/14623943.2021.1927693
Mandla S.; Illendula S.; Mandari A.; Bashaboyina R.	Identification and seasonal distribution of mosquito species in Telangana state, India	2021	Journal of Entomological Research	45	1		27	32	10.5958/0974-4576.2021.00004.9
Girija S.P.; Rao R.	Fractional weighted ZF equalizer: A novel approach for channel equalization in MIMO-OFDM system under impulse noise environment	2021	Communications in Science and Technology	6	1		1	10	10.21924/CST.6.1.2021.224

Sandupatla R.; Dongamanti A.; Koyyati R.	Antimicrobial and antioxidant activities of phytosynthesized Ag, Fe and bimetallic Fe-Ag nanoparticles using Passiflora edulis: A comparative study	2021	Materials Today: Proceedings	44			2665	2673	10.1016/j.matpr.2020.12.679
Paritala J.; Peraman R.; Kondreddy V.K.; Subrahmanyam C.V.S.; Ravichandiran V.	Quantitative structure retention relationship (QSRR) approach for assessment of chromatographic behavior of antiviral drugs in the development of liquid chromatographic method	2021	Journal of Liquid Chromatography and Related Technologies	44	13-14		637	648	10.1080/10826076.2022.2025827
Narsimulu G.; Gopal D.; Udaikumar R.	Numerical approach for enhanced mass transfer of Bio-convection on Magneto-hydrodynamic Carreau fluid flow through a nonlinear stretching surface	2021	Materials Today: Proceedings	49			2267	2275	10.1016/j.matpr.2021.09.341
Sateesh Kumar R.; Sameen Fatima S.	Heart Disease Prediction Using Extended KNN (E-KNN)	2021	Smart Innovation, Systems and Technologies	224			565	572	10.1007/978-981-16-1502-3_56
Kishore G.S.; Rallapalli H.	HFQAM-Based Filtered OFDM: A Novel Waveform Design with Hybrid Modulation for Next-Generation Wireless Systems	2021	Lecture Notes in Networks and Systems	204 LNNS			573	580	10.1007/978-981-16-1395-1_43
Magini M.; Bitla S.; Puchakayala M.R.; Birudaraju S.; Dhanavath R.; Raju Atcha K.	An efficient (TBA)2S2O8 catalyzed regioselective solvent-free one-pot synthesis of fully substituted pyrazoles	2021	Results in Chemistry	3		100184			10.1016/j.rechem.2021.100184
Nafeesa Z.; Haq S.M.; Bashir F.; Gaus G.; Mazher M.; Anjum M.; Rasool A.; Rashid N.	Observations on the floristic, life-form, leaf-size spectra and habitat diversity of vegetation in the Bhimber hills of Kashmir Himalayas	2021	Acta Ecologica Sinica	41	3		228	234	10.1016/J.CHNAES.2021.03.003
Reddy A.N.K.; Lachimala R.; Hashemi M.; Sagar D.K.	Truncated apodizers for engineering the point spread function of optical systems	2021	Proceedings of ITNT 2021 - 7th IEEE International Conference on Information						10.1109/ITNT52450.2021.9649416

Rajeshwari P.; Shyamala K.	Chest CT Image Super Resolution using Deep Learning Network Models	2021	2021 International Conference on Smart Generation Computing						10.1109/SMART GENCON51891.2021.9645873
Noami A.; Pradeep Kumar B.; Paidimarry C.S.; Safi N.; Alammari A.A.	SoC Verification for the AXI Interconnect Based on the Static Fixed-Priority Scheduling Algorithm	2021	2021 4th International Conference on Electrical, Computer and Communication						10.1109/ICECCT52121.2021.9616823
Lakshmi A.V.	A SOLUTION TO QI'S EIGHTH OPEN PROBLEM ON COMPLETE MONOTONICITY	2021	Problemy Analiza	28	3		108	112	10.15393/J3.ART.2021.10570
D L.K.; Dhakate R.; Guguloth S.; Srinivas B.	Hydrochemical appraisal of groundwater quality for drinking and agricultural utility in a granitic terrain of Maheshwaram area of Ranga Reddy district, Telnagana State, India	2021	HydroResearch	4			11	23	10.1016/j.hydres.2021.02.002
Srikanth K.; Narsihma L.; Narsimulu M.; Kumar M.S.; Laxminarayana K.; Srinivas M.	Synthesis and luminescence properties of Ce3+ doped (Sr, Ba)2GeO4 phosphors	2021	Materials Today: Proceedings	49			1916	1919	10.1016/j.matpr.2021.08.083
Chandra Sekhar N.; Laxminarayana P.	Reference based dimensions prediction (RDP) system for identifying materials of part families	2021	Materials Today: Proceedings	46			831	837	10.1016/j.matpr.2020.12.815
Gajalappa Y.; Krishnaiah A.; Kumar K.B.; Eswaranna; Saxena K.K.; Goyal P.	Flow behaviour kinetics of Inconel 600 superalloy under hot deformation using gleeble 3800	2021	Materials Today: Proceedings	45			5320	5322	10.1016/j.matpr.2021.01.909
Sangeetha M.; Mallikarjun A.; Aparna Y.; Reddy M.V.; Kumar J.S.; Sreekanth T.; Reddy M.J.	Dielectric studies and AC conductivity of PVDF-HFP: LiBF4: EC plasticized polymer electrolytes	2021	Materials Today: Proceedings	44			2168	2172	10.1016/j.matpr.2020.12.280

Sahoo S.K.; Katlamudi M.; Lakshmi G.U.	OBSERVATION OF ULF ELECTROMAGNETIC EMISSIONS BEFORE THE M 7.8 NEW ZEALAND EARTHQUAKE OF NOVEMBER 13, 2016; [????????? ?????????????????????? ?????????????????? ?????????? ?????????????????????? (2-7 81 12 22222 2016 2 22222	2021	Geodynamics and Tectonophysics	12	4		891	901	10.5800/GT-2021-12-4-0561
S V.; P C.S.; Sankriti R.; G A.	Detection of normal and epileptic EEG signals using by lifting based HAAR wavelet transform and artificial neural network	2021	International Journal of Systems Assurance Engineering and Management						10.1007/s13198-021-01454-8
Sai Lalitha B.; Malini M.; Venkateswara Rao M.; Satya Mounika Sravani E.; Mandira M.A.	Study on Gene Alterations in Cervical Cancer Using Computational Genomics Tools	2021	Intelligent Systems Reference Library	204			341	373	10.1007/978-3-030-71975-3_13
Pardeshi S.R.; Pawar V.J.; Kharat K.D.; Chavan S.	Assistive Technologies for Visually Impaired Persons Using Image Processing Techniques – A Survey	2021	Communications in Computer and Information Science	1380			95	110	10.1007/978-981-16-0507-9_9
Nayarisseri A.; Khandelwal R.; Tanwar P.; Madhavi M.; Sharma D.; Thakur G.; Speck-Planche A.; Singh S.K.	Artificial intelligence, big data and machine learning approaches in precision medicine & drug discovery	2021	Current Drug Targets	22	6		631	655	10.2174/1389450122999210104205732
Ashok B.; Umamahesh M.; Hariram N.; Siengchin S.; Rajulu A.V.	Modification of waste leather trimming with in situ generated silver nanoparticles by one step method	2021	Applied Science and Engineering Progress	14	2				10.14416/J.ASE P.2021.01.007
Aparna G.; Swathi R.; Joseph M.K.; Sujatha C.N.; Naik B.R.	FPGA implementation of polar codes for 5G eMBB control channels	2021	International Journal of Ultra Wideband Communications and Systems	4	45355		170	181	10.1504/IJUBWCS.2021.119139
Shobhan Babu B.; Prasad G.; Kumar G.S.; Prasad N.V.	Studies on samarium modified SrBi4Ti4O15 Aurivillius ferroelectric ceramics	2021	Ferroelectrics	572	1		106	117	10.1080/00150193.2020.1868876

Syed M.; Rizwana; Prasad G.; Kumar G.S.	Experimental and simulation studies on dielectric, AC resistivity and electromechanical properties of sodium bismuth titanate based ceramics	2021	Ferroelectrics	584	1		230	237	10.1080/00150193.2021.1984765
Maheswaran U.; Babu Kallam R.; Arathi B.; Prawan K.; Anitha G.	Efficient plant leaf disease identification Material Fabrication using lightweight device	2021	Materials Today: Proceedings	47			381	386	10.1016/j.matpr.2021.04.576
Shashikumar N.S.; Thriveni K.; Madhu M.; Mahanthesh B.; Gireesha B.J.; Kishan N.	Entropy generation analysis of radiative Williamson fluid flow in an inclined microchannel with multiple slip and convective heating boundary effects	2021	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process						10.1177/095440892111049863
Devireddy K.; Narsetty S.; Ramavath A.K.; Perumalla N.K.	Validation of the IRI-2016 model with Indian NavIC data for future navigation applications	2021	IET Radar, Sonar and Navigation	15	1		37	50	10.1049/rsn2.12013
Chacko G.; Saxena U.; Kumar S.B.R.; Medisala S.	Impact of COVID-19 on hearing aid users	2021	Clinical Archives of Communication Disorders	6	2		135	140	10.21849/cacd.2021.00430
Gopu P.; Naaz S.; Aiman K.	Optimal placement of distributed generation using genetic algorithm	2021	Proceedings of the 2021 1st International Conference on Advances in Electrical			9392496			10.1109/ICAECT49130.2021.9392496
Ayodhya D.; Veerabhadram G.	One-pot, aqueous synthesis of multifunctional biogenic Ag NPs for efficient 4-NP reduction, Hg2+ detection, bactericidal, and antioxidant activities	2021	Inorganic and Nano-Metal Chemistry	51	12		1831	1841	10.1080/24701556.2020.1857407
Asrar Ahmed M.D.; Ramachandram S.; Khan K.U.R.	Privacy Preserving Semantic-Aware Multi-keyword Ranked Dynamic Search Over Encrypted Data	2021	Smart Innovation, Systems and Technologies	225			655	664	10.1007/978-981-16-0878-0_63



Sai Lalitha B.; Malini M.; Botlagunta M.	Effect of Chemoradiation on Haematological Parameters in Cervical Cancer	2021	Lecture Notes in Networks and Systems	215			593	601	10.1007/978-981-16-1941-0_59
Kamala L.; Kumar B.S.; Lakshmi P.V.A.	Synthesis and Docking Studies of Novel Carbazole-Thiazolidinedione Hybrid Derivatives as Antibacterial Agents	2021	Russian Journal of Bioorganic Chemistry	47	1		166	173	10.1134/S106816202101009X
Deepika M.; Hegde N.P.	Framework for Spam Detection Using Multi-objective Optimization Algorithm	2021	Smart Innovation, Systems and Technologies	225			345	355	10.1007/978-981-16-0878-0_34
Guguloth V.	Synthesis of a novel derivatives of [1,4]benzoxazinone	2021	Rasayan Journal of Chemistry	14	1		448	453	10.31788/RJC.2021.1415938
Kalakonda P.; Kalakonda P.B.; Banne S.	Studies of electrical, thermal, and mechanical properties of single-walled carbon nanotube and polyaniline of nanoporous nanocomposites	2021	Nanomaterials and Nanotechnology	11					10.1177/18479804211001140
Chandra Shakar Reddy N.; Pratap Reddy K.	Analgesic and anti-inflammatory activities of selenium and alpha-tocopherol in mouse models of pain induced with fluoride exposure	2021	Biomedical and Pharmacology Journal	14	3		1415	1425	10.13005/bpj/2244
Allawadhi P.; Singh V.; Khurana A.; Khurana I.; Allwadhi S.; Kumar P.; Banothu A.K.; Thalugula S.; Barani P.J.; Naik R.R.; Bharani K.K.	Silver nanoparticle based multifunctional approach for combating COVID-19	2021	Sensors International	2		100101			10.1016/j.sintl.2021.100101
Radharani S.; Narasimha V.B.	A Novel Framework for Cloud based Virtual Machine Security by Change Management using Machine	2021	International Journal of Advanced Computer Science and Applications	12	12		658	666	10.14569/IJACS A.2021.0121282

Sushma Sri M.; Rajendra Naik B.; Jayasankar K.; Ravi B.; Praveen Kumar P.	On the Use of Region Convolutional Neural Network for Object Detection	2021	Lecture Notes on Data Engineering and Communications Technologies	63			315	324	10.1007/978-981-16-0081-4_31
Kavitha R.; Reddy C.V.R.; Sireesha B.	Synthesis, spectroscopic and biological activity evaluation of Ni(II), Cu(II) and Zn(II) complexes of schiff base derived from pyridoxal and 4-fluorobenzohydrazide	2021	Nucleosides, Nucleotides and Nucleic Acids	40	8		845	866	10.1080/15257770.2021.1961271
Venkat Ramana G.; Sanke N.	Evaluation of tensile and microstructure properties of AA2014 and AA7075 FSW weldments developed by HSS-10%Co and WC tools	2021	Materials Today: Proceedings	46			913	918	10.1016/j.matpr.2021.01.060
Thomas K.; Nameer P.O.	Characterisation of breeding habitat of Grizzled Giant Squirrel Ratufa macroura (Mammalia: Sciuridae) in Chinnar Wildlife Sanctuary, Western Ghats, India	2021	Journal of Threatened Taxa	13	8		18993	19001	10.11609/jott.7371.13.8.18993-19001
Shankar A.; Waheed M.; Reddy R.J.	Simple and Efficient Synthesis of Allyl Sulfones through Cs <sub>2</sub> CO <sub>3</sub> -Mediated Radical Sulfonylation of Morita-Baylis-Hillman Adducts with Thiosulfonates	2021	SynOpen	5	1		91	99	10.1055/a-1422-9411
Padmasree G.; Shravan Kumar Reddy S.; Pavan Kumar N.; Yadagiri Reddy P.; Gopal Reddy C.	Structural and magnetic properties of Y <sub>1-x</sub> DyxFeO <sub>3</sub> multiferroics	2021	Materials Today: Proceedings	46			2201	2204	10.1016/j.matpr.2021.03.199
Ganga Rajam K.; Daravath S.; Narendrula V.K.; Marri P.K.; Shivaraj	SYNTHESIS, CHARACTERIZATION, DOCKING AND ANTIMICROBIAL ACTIVITY STUDIES OF BINUCLEAR Co(II) AND Ni(II) COMPLEXES OF BIS AROYLHYDRAZONE AND PHENANTHROLINE	2021	Bulletin of the Chemical Society of Ethiopia	35	3		499	511	10.4314/bcse.v35i3.3
Rastogi L.; Dash K.; Sashidhar R.B.	Selective and sensitive detection of cholesterol using intrinsic peroxidase-like activity of biogenic palladium nanoparticles	2021	Current Research in Biotechnology	3			42	48	10.1016/j.crbiot.2021.02.001

Saturi R.; Premchand P.	Multi-Objective Feature Selection Method by Using ACO with PSO Algorithm for Breast Cancer Detection	2021	International Journal of Intelligent Engineering and Systems	14	5		359	368	10.22266/ijies2021.1031.32
Sirikonda S.; Parayitam L.	Integration of low-cost IMU with MEMS and NAVIC/IRNSS receiver for land vehicle navigation	2021	Proceedings of the 34th International Technical Meeting of the Satellite Division				2705	2717	10.33012/2021.17958
Gouthami S.; Hegde N.P.	A Framework for Efficient Multilevel Polarity-Based Sentiment Analysis Using Fuzzy Logic	2021	Smart Innovation, Systems and Technologies	225			537	547	10.1007/978-981-16-0878-0_53
Balakishan G.; Kumaraswamy G.; Narayanarao V.; Shankaraiah P.	Lewis acid / Base-free Strategy for the Synthesis of 2-Arylthio and Selenyl Benzothiazole / Thiazole and Imidazole	2021	Heterocyclic Communications	27	1		17	23	10.1515/hc-2020-0119
Sagar E.; Vijaya Kumar K.; Venugopal Reddy P.	Elastic and attenuation behavior of the Bi <sub>1-x</sub> Re <sub>x</sub> FeO <sub>3</sub> (x = 0 & 0.1; Re = La, Pr, Nd & Sm) multiferroic system	2021	Phase Transitions	94	5		317	325	10.1080/01411594.2021.1937623
Vadithya M.; Naikoti K.; Macha M.	MHD and Thermal Radiation Effects on Channel Flow of Nanofluid with Nanoparticles in Different Shapes	2021	Journal of Applied Nonlinear Dynamics	10	2		329	338	10.5890/JAND.2021.06.011
Venkatesh N.; Kumar N.H.; Goud S.; Ravinder D.; Somaiah P.V.; Babu T.A.; Prasad N.V.K.	Ftir, optical, electrical and magnetic properties of SM3+ doped MG nano ferrites	2021	Biointerface Research in Applied Chemistry	11	6		15037	15050	10.33263/BRIAC116.1503715050
Noami A.; Alahdal A.; Kumar B.P.; Chandrasekhar P.; Safi N.	High speed data transactions for memory controller based on AXI4 interface protocol SoC	2021	Proceedings of the 2021 1st International Conference on Advances in Electrical			9392539			10.1109/ICAECT49130.2021.9392539

Amar N.; Kishan N.	Heat and mass transfer analysis of casson fluid flow over a moving wedge filled with nanofluid	2021	Advances in Mathematics: Scientific Journal	10	3		1357	1370	10.37418/amsj.10.3.23
Yeshiwas Z.; Krishniah A.	Numerical Simulations and Experimental Studies on the Formability of Drawing Quality Steel in Single Point Incremental Forming	2021	Journal of Mechanical Engineering	18	1		137	156	
Ramana Rao M.V.; Adilakshmi T.; Gokul Venkatesh M.; Jothikumar R.	Mobile geo-fencing triggers for alerting entries into COVID-19 containment zones using IoT	2021	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive				78	88	10.4018/978-1-7998-6870-5.ch005
Gopu P.; Aiman K.; Naaz S.	Reconfiguration of distribution network using particle swarm optimization	2021	Proceedings of the 2021 1st International Conference on Advances in Electrical			9392572			10.1109/ICAECT49130.2021.9392572
Ahmed M.A.; Ramachandram S.; Khan K.U.R.	Conjunctive Keyword Forward Secure Ranked Dynamic Searchable Encryption Over Outsourced Encrypted Data	2021	Communications in Computer and Information Science	1364			197	212	10.1007/978-981-16-0422-5_14
Srividya P.; Devi L.N.	Multi-Strategic Trust Evaluation for Intrusion Detection in Wireless Sensor Networks	2021	International Journal of Intelligent Engineering and Systems	14	2		106	120	10.22266/ijies2021.0430.10
Hindu Sree Reddy M.; Susheela N.; Malathy P.	Sinusoidal Tracking Method for Cascaded Multilevel Inverter fed Induction Motor Drive	2021	2021 IEEE International Conference on Emerging Trends in Industry 4.0, ETI						10.1109/ETI4.051663.2021.9619306
Srinu C.; Parayitam L.	Performance analysis of navic software receiver for single frequency ionospheric delay corrections	2021	Proceedings of the 34th International Technical Meeting of the Satellite Division				3886	3896	10.33012/2021.18059

Raghavender K.V.; Premchand P.	Accurate and reliable detection of DDoS attacks based on ARIMA-SWGARCH model	2021	International Journal of Information and Computer Security	14	2		118	135	10.1504/IJICS.2021.113169
Narendar G.; Charishma K.T.S.	CFD study on the effect of nanofluids in natural circulation loop	2021	Materials Today: Proceedings	49			2116	2123	10.1016/j.matpr.2021.08.317
Ravindar Reddy D.; Srinu C.; Parayitam L.	Low-cost real-time software receiver for IRNSS/NavIC short broadcast messaging services	2021	Proceedings of the 34th International Technical Meeting of the Satellite Division				549	558	10.33012/2021.18144
Thota S.; Kamatham Y.; Paidimarry C.S.	Comparison of PAPR in OFDM and FBMC/OQAM Using PAPR Reduction Methods	2021	Lecture Notes on Data Engineering and Communications Technologies	63			535	542	10.1007/978-981-16-0081-4_54
Sumana G.; Kalaiselvi K.; Vijayalakshmi J.; Shanthi S.; Aparna G.; Joseph M.K.	A design and development of support system for prediction of various renal syndromes using artificial neural networks	2021	International Journal of Systems Assurance Engineering and Management						10.1007/s13198-021-01238-0
Koyyati R.; Latha P.C.; Sandupatla R.; Laxman V.; Merugu R.	Evaluation of anti-bacterial and rice seed germination potential of green and chemically synthesized ZnO nanoparticles	2021	Materials Today: Proceedings	44			2611	2616	10.1016/j.matpr.2020.12.658
Annapurna S.D.; Pasumarthi D.; Pasha A.; Doneti R.; Sheela B.; Botlagunta M.; Vijaya L.B.; Pawar S.C.	Identification of Differentially Expressed Genes in Cervical Cancer Patients by Comparative Transcriptome Analysis	2021	BioMed Research International	2021		8810074			10.1155/2021/8810074
Krishna L.S.R.; Srikanth P.J.	Evaluation of environmental impact of additive and subtractive manufacturing processes for sustainable manufacturing	2021	Materials Today: Proceedings	45			3054	3060	10.1016/j.matpr.2020.12.060

Rajeshwari D.; Shyamala K.	A Survey on Segmentation Clustering techniques to detect brain tumor for MRI	2021	2021 International Conference on Smart Generation Computing						10.1109/SMART GENCON51891.2021.9645865
Tipirneni S.V.; Jalla U.; Varre S.; Kuchana S.; VijayaLakshmi J.	Development of GUI Using Visual Studio to Monitor Sensor Signals	2021	Lecture Notes in Electrical Engineering	690			265	276	10.1007/978-981-15-7504-4_26
Pasha A.; Kumbhakar D.V.; Doneti R.; Kumar K.; Dharmapuri G.; Poleboyina P.K.; S. K. H.; Basavaraju P.; Pasumarthi D.; S. D. A.; Soujanya P.; Arnold Emeson I.; Bodiga V.; Pawar S.C.	Inhibition of Inducible Nitric Oxide Synthase (iNOS) by Andrographolide and in Vitro Evaluation of Its Antiproliferative and Proapoptotic Effects on Cervical Cancer	2021	Oxidative Medicine and Cellular Longevity	2021		6692628			10.1155/2021/6692628
Yerrabelly J.R.; Porala S.; Kasireddy V.R.; Ghojala V.R.; Rebelli P.	Cu/Cu(OSO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> catalysed convenient approach to dichromenopyridines and triazole-thiazole appended chromone derivatives	2021	Synthetic Communications	51	24		3781	3790	10.1080/00397911.2021.1993922
Kumar N.R.; Ravi Kumar Y.	Fusion-based Medical Image Retrieval using Tamura and Wavelet features	2021	2021 4th International Conference on Recent Developments in Control				609	614	10.1109/RDCAP52977.2021.9633726
Saxena V.; Chacko G.; Saxena U.	Systematic review of the effectiveness of homoeopathy in the treatment of autism spectrum disorder	2021	Clinical Archives of Communication Disorders	6	1		1	11	10.21849/CACD.2021.00339
Guguloth V.	Synthesis of (Substituted-phenyl-1,2,4-oxadiazol-5-yl) methyl-2-(3-oxo-2,3-dihydro-4h-benzo[b][1,4]oxazin-4-yl) acetate derivatives	2021	Rasayan Journal of Chemistry	14	1		166	170	10.31788/RJC.2021.1416020
Lalu M.; Phaneendra K.	Quadrature method with exponential fitting for delay differential equations having layer behavior	2021	Journal of Mathematics and Computer Science	25	2		191	208	10.22436/jmcs.025.02.08

Allakonda M.; Sagar K.	A Survey on data security challenges in multi cloud environment	2021	Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics						10.1109/CONECT52877.2021.9622722
Deeksha B.; Sadanand V.; Hariram N.; Rajulu A.V.	Preparation and properties of cellulose nanocomposite fabrics with in situ generated silver nanoparticles by bioreduction method	2021	Journal of Bioresources and Bioproducts	6	1		75	81	10.1016/j.jobab.2021.01.003
Nagaraju M.; Kumar A.; Jalaja N.; Rao D.M.; Kishor P.B.K.	Functional exploration of chaperonin (Hsp60/10) family genes and their abiotic stress-induced expression patterns in sorghum bicolor	2021	Current Genomics	22	2		137	152	10.2174/1389202922666210324154336
Kavitha D.; Kumar P.N.	Performance evaluation of global ionospheric models with indian regional navigation data over low latitude station during low solar activity year 2017	2021	Progress In Electromagnetics Research C	114			279	295	10.2528/PIERC21053101
Macha M.; Shashikumar N.S.; Gireesha B.J.; Naikoti K.	Second law analysis of mhd micropolar fluid flow through a porous microchannel with multiple slip and convective boundary conditions	2021	Defect and Diffusion Forum	409			123	141	10.4028/www.scientific.net/DDF.409.123
Srinivas V.; Satyanna K.	SOME RESULTS BY USING CLR's-PROPERTY IN PROBABILISTIC 2-METRIC SPACE	2021	International Journal of Analysis and Applications	19	6		904	914	10.28924/2291-8639-19-2021-904
Prasad Rao B.N.; Rangamma M.	A Primality Test and a Theorem on Twin Primes	2021	Springer Proceedings in Mathematics and Statistics	344			1	6	10.1007/978-981-33-4646-8_1
Vadicherla P.; Vadlakonda D.	Study on energy efficient routing protocols scheme in heterogeneous wireless sensor networks (network & mobility)	2021	Materials Today: Proceedings	47			4955	4958	10.1016/j.matpr.2021.04.173

Noami A.; Pradeep Kumar B.; Chandrasekhar P.	High Performance AXI4 Interface Protocol for Multi-Core Memory Controller on SoC	2021	Lecture Notes on Data Engineering and Communications Technologies	63			131	140	10.1007/978-981-16-0081-4_14
Mudavath R.; Naik B.R.; Raj J.P.	Evaluation and reduction of signal integrity issues in multiwalled carbon nanotube on-chip VLSI interconnects	2021	ECS Journal of Solid State Science and Technology	10	8	81008			10.1149/2162-8777/ac1c5b
Lanka G.; Bathula R.; Dasari M.; Bhargavi M.; Potlapally S.R.	Identification and optimisation of novel selective inhibitors against human regulator of G protein signalling 2 (RGS2) protein for type 2 diabetes mellitus: an in silico approach	2021	International Journal of Computational Biology and Drug Design	14	3		166	189	10.1504/IJCDD.2021.117183
Nagaraju A.; Rama Devi Y.	Multi-resource Task Scheduling for Minimum Task Completion Time in Cloud Computing Using Credit-Based Assignment Problem	2021	Smart Innovation, Systems and Technologies	225			597	607	10.1007/978-981-16-0878-0_58
Meghana A.; Aparna Y.; Chandra S.M.; Sanjeev S.	Emergency preparedness and response (EP&R) by pharmacy professionals in India: Lessons from the COVID-19 pandemic and the way forward	2021	Research in Social and Administrative Pharmacy	17	1		2018	2022	10.1016/j.sapharm.2020.04.028
Allam E.; Gangula H.K.; Arukonda R.; Muralidhar M.	Groundwater quality with special reference to fluoride concentration in the granitic and basaltic contact zone of southern India	2020	Data in Brief	33		106462			10.1016/j.dib.2020.106462
Naaz N.; Mir M.I.; Gutti R.K.; Mahmood S.K.	MORPHOLOGICAL, BIOCHEMICAL and PLANT GROWTH PROMOTING CHARACTERIZATION of Streptomyces spp. ISOLATED from RHIZOSPHERIC SOIL of Capsicum annuum	2020	Plant Cell Biotechnology and Molecular Biology	21	69-68		117	125	
B B.; N S.; P R.B.; Gugulothu S.K.	A novel assessment study on a dynamic analysis of hydrodynamic journal bearing performance: A Taguchi-fuzzy based approach optimization	2020	Transportation Engineering	2		100033			10.1016/j.treng.2020.100033



Leela Prasad N.; Shreyas M.; Usha Sri P.	Comparative Analysis of Small and Large Capacity Sized On-grid, Rooftop Solar PV Systems - An LCA Approach	2021	Lecture Notes in Mechanical Engineering	26			587	597	10.1007/978-981-15-7557-0_48
Bharadwaj S.; Deb S.; Tirupathi A.; Lakshmi Y.K.	A Study of Magnetic Properties of Manganite Substituted ZnFe2O4 Composites	2020	Journal of Superconductivity and Novel Magnetism	33	12		3781	3790	10.1007/s10948-020-05630-y
Bhattacharjee S.	Growth of matter fluctuations in f(R,T) gravity	2020	Chinese Journal of Physics	68			633	640	10.1016/j.cjph.2020.09.033
Barigela A.; Bhukya B.	Probiotic Pediococcus acidilactici strain from tomato pickle displays anti-cancer activity and alleviates gut inflammation in-vitro	2021	3 Biotech	11	1	23			10.1007/s13205-020-02570-1
Jeedi V.R.; Narsaiah E.L.; Yalla M.; Swarnalatha R.; Reddy S.N.; Sadananda Chary A.	Structural and electrical studies of PMMA and PVdF based blend polymer electrolyte	2020	SN Applied Sciences	2	12	2093			10.1007/s42452-020-03868-8
Rana S.; Kumar G.L.; Seema N.; Nandinee D.	Profile of diabetes patients' chronic illness care in India and its role in their adherence	2021	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	15	1		303	308	10.1016/j.dsx.2021.01.001
Shaziya H.; Zaheer R.	Impact of Hyperparameters on Model Development in Deep Learning	2021	Lecture Notes on Data Engineering and Communications Technologies	56			57	67	10.1007/978-981-15-8767-2_5
Gaddam S.R.	Design of Pressure Vessels	2020	Design of Pressure Vessels				1	250	

Chandrasekhar M.; Govinda Reddy Y.; Kumar P.	Dielectric, Ferroelectric, and Strain Study of BNT-BT-BKT Ceramics for Actuator Applications	2020	Journal of Electronic Materials	49	12		7238	7243	10.1007/s11664-020-08493-0
Kummari D.; Palakolanu S.R.; Kishor P.B.K.; Bhatnagar-Mathur P.; Singam P.; Vadez V.; Sharma K.K.	An update and perspectives on the use of promoters in plant genetic engineering	2020	Journal of Biosciences	45	1	119			10.1007/s12038-020-00087-6
Rajanna K.C.; Krishnaiah G.; Pasnoori S.; Santhoshi P.S.; Rajeshwer Rao Y.; Rao Patnaik K.S.K.	Ultrasonic and microwave effects on Prussian blue catalysed high-quality biodiesel production using Watermelon ( <i>Citrullus vulgaris</i> ) seed oil and alcohol extract (from fibrous flesh) as an exclusive green feedstock	2021	Biofuels	12	5		597	603	10.1080/17597269.2018.1519757
Venkateshwarreddy C.; Roopa K.; Rameshbabu P.; Ramnarayanan R.	Matrix Modification of Carbon Fiber Reinforced Composites with Hybrid Resin System	2020	IOP Conference Series: Materials Science and Engineering	998	1	12005			10.1088/1757-899X/998/1/012005
Deshineni R.; G A.C.; Banothu J.; Velpula R.; Chellamella G.	Synthesis, anticancer and antibacterial evaluation of novel 1,3-disubstituted-1H-pyrazole-4-yl-methylene embedded fused thiazolo[2,3-b]quinazolinones	2020	Chemical Data Collections	30		100546			10.1016/j.cdc.2020.100546
Dasgupta M.G.; Burragoni S.; Amrutha S.; Muthupandi M.; Parveen A.B.M.; Sivakumar V.; Ulaganathan K.	Diversity of bacterial endophyte in Eucalyptus clones and their implications in water stress tolerance	2020	Microbiological Research	241		126579			10.1016/j.micres.2020.126579
Kishore R.; Dehmourdi S.A.M.; Naik M.G.; Hassanpour M.	Designing a framework for subcontractor's selection in construction projects using an MCDM model	2020	Operational Research in Engineering Sciences: Theory and Applications	3	3		48	64	10.31181/oresta20303048k
Sudhakar Y.A.; Verma R.K.; Pawar S.C.	Retraction Note: Type IV collagen $\alpha$ 1-chain noncollagenous domain blocks MMP-2 activation both in-vitro and in-vivo (Scientific Reports, (2014), 4, 1, (4136), 10.1038/srep04136)	2020	Scientific Reports	10	1	20995			10.1038/s41598-020-76500-9

Mhaske R.J.; Dabhade S.B.; Mache S.; Rana K.S.; Deshmukh P.	Periodical Fruit Quality Identification—A Broad View	2021	Lecture Notes in Electrical Engineering	698			679	688	10.1007/978-981-15-7961-5_65
Prasad B.; Ramachandram S.	Decentralized privacy-preserving framework for health care record-keeping over hyperledger fabric	2021	Lecture Notes in Networks and Systems	145			463	475	10.1007/978-981-15-7345-3_39
Mir M.I.; Nagabhushanam B.; Quadriya H.; Kiran Kumar B.; Hameeda B.	Morphological, biochemical and intrinsic antibiotic resistance of rhizobia isolated from root and stem nodules of various leguminous plants	2020	Plant Cell Biotechnology and Molecular Biology	21	71-72		126	138	
Shaziya H.; Zaheer R.	Strategies to Effectively Integrate Visualization with Active Learning in Computer Science Class	2021	Lecture Notes on Data Engineering and Communications Technologies	56			69	81	10.1007/978-981-15-8767-2_6
Girija S.P.; Rao R.R.	Robust Maximum Likelihood Algorithm-based Mitigation technique for impulsive noise in MIMO-OFDM systems	2020	International Symposium on Advanced Networks and Telecommunication Systems	2020-December		9342789			10.1109/ANTSS50601.2020.9342789
Sumalatha V.; Ravinder Reddy P.; Krishnaiah A.; Reddy G.S.	Friction and Wear Characteristics of Austenitic Stainless Steel Against Ceramic Disc	2021	Lecture Notes in Mechanical Engineering	26			311	320	10.1007/978-981-15-7557-0_27
Mokenapelli S.; Yerrabelli J.R.; Das N.; Roy P.; Chitneni P.R.	Synthesis and cytotoxicity of novel 14?-O-(andrographolide-3-subsitutedisoxazole-5-carboxylate) derivatives	2021	Natural Product Research	35	21		3738	3744	10.1080/14786419.2020.1736060
Sekhar Pagadala N.	Computational prediction of hERG blockers using homology modelling, molecular docking and QuaSAR studies	2021	Results in Chemistry	3		100101			10.1016/j.rechem.2021.100101

Malu S.; Sriram K.; Agrawal V.K.	Coronal vertical structure variations in normal branch of GX 17+2: AstroSat's SXT and LAXPC perspective	2020	Monthly Notices of the Royal Astronomical Society	499	2		2214	2228	10.1093/mnras/staa2939
Kapoor M.; Das S.; Biswas A.; Malgulwar P.B.; Devi N.K.; Seth S.; Bhargava B.; Rao V.R.	D190Y mutation in C-terminal tail region of TNN13 gene causing severe form of restrictive cardiomyopathy with mild hypertrophy in an Indian patient	2020	Meta Gene	26		100777			10.1016/j.mgen.e.2020.100777
Sirisha B.; Sandhya B.; Prasanna Kumar J.; Paidimarry C.S.	Learning-Based Image Registration Approach Using View Synthesis Framework (LIRVS)	2021	Lecture Notes on Data Engineering and Communications Technologies	56			165	172	10.1007/978-981-15-8767-2_15
Arolla R.G.; Malladi S.; Bhaduri U.; Gayatri M.B.; Pattamshetty P.; Mohan V.; Katika M.R.; Madhava Reddy A.B.; Satyanarayana Rao M.R.; Vudem D.R.; Kancha R.K.	Analysis of cellular models of clonal evolution reveals co-evolution of imatinib and HSP90 inhibitor resistances	2021	Biochemical and Biophysical Research Communications	534			461	467	10.1016/j.bbrc.2020.11.059
Anterbedy J.; Mokenapelli S.; Thalari G.	Facial synthesis of novel 3-(2-methylbenzofuran-3-yl)-5-((4-(phenoxymethyl)-1H-1,2,3-triazole-1-yl)methyl)-1,2,4-oxadiazole derivatives	2021	Synthetic Communications	51	9		1417	1424	10.1080/00397911.2021.1884881
Venkataramana K.; Madhuri C.; Reddy C.V.	Triple-doped Ceria–Carbonate (Ce <sub>0.82</sub> La <sub>0.06</sub> Sm <sub>0.06</sub> Gd <sub>0.06</sub> O <sub>2-?</sub> – (Li–Na) <sub>2</sub> CO <sub>3</sub> ) nanocomposite solid electrolyte materials for LT–SOFC applications	2020	Ceramics International	46	17		27584	27594	10.1016/j.ceramint.2020.07.252
Chilukuri R.K.; Kakarla H.K.; Subbarao K.	Estimation of Modulation Parameters of LPI Radar Using Cyclostationary Method	2020	Sensing and Imaging	21	1	51			10.1007/s11220-020-00313-3
Kumar K.V.; Shailesh P.; Raghavan K.S.; Babu J.A.R.; Kumar P.R.	Experimental investigation on performance and emission characteristics of modified piston in DI diesel engine	2021	Australian Journal of Mechanical Engineering	19	3		341	346	10.1080/14484846.2019.1623004

Srinivas B.; Hameed A.; Srinivas G.; Narasimha Chary M.; Shareefuddin M.	Influence of V2O5 on physical and spectral (optical, EPR & FTIR) studies of SrO-TeO2-TiO2-B2O3 glasses	2021	Optik	225		165815			10.1016/j.ijleo.2020.165815
Harsha K.G.; Ananda Rao B.; Baggi T.R.; Prabhakar S.; Jayathirtha Rao V.	Thiophene-phenylquinazoline probe for selective ratiometric fluorescence and visual detection of Fe(III) and turn-off fluorescence for I-and its applications	2020	Photochemical and Photobiological Sciences	19	12		1707	1716	10.1039/d0pp00193g
Ravinder D.; Nayak D.R.; Rapolu S.; Batoo K.M.; Raslan E.H.; Hadi M.	Ecofriendly synthesis, crystal chemistry, electrical, and low-temperature magnetic properties of nanoparticles (Li-Cr) for drug delivery and MRI applications	2021	Journal of Materials Science: Materials in Electronics	32	2		1392	1401	10.1007/s10854-020-04908-0
Ratnakaram S.; Chakravaram V.; Tatikonda N.; Vidyasagar Rao G.	New Avenues of Revenue in Indian Cinema	2021	Lecture Notes in Networks and Systems	154			681	689	10.1007/978-981-15-8354-4_68
Naresh P.; Narsimlu N.; Srinivas C.; Shareefuddin M.; Siva Kumar K.	Ag2O doped bioactive glasses: An investigation on the antibacterial, optical, structural and impedance studies	2020	Journal of Non-Crystalline Solids	549		120361			10.1016/j.jnoncrsol.2020.120361
Gundeboina R.; Venkataswamy P.; Vithal M.	Hydrothermal synthesis of C-doped K2Al2Ti6O16 as a visible light-activated photocatalyst in the degradation of organic dyes	2020	Journal of the Australian Ceramic Society	56	4		1351	1358	10.1007/s41779-020-00472-2
Septian B.; Rakesh P.; Rajiv Dhora S.	IoT Based Power Monitoring System for Diesel Generator	2020	2020 5th IEEE International Conference on Recent Advances and Innovations in			9358316			10.1109/ICRAIE51050.2020.9358316
Saxena U.; Singh B.P.; Kumar S.B.R.; Chacko G.; Bharath K.N.S.V.	Acoustic Reflexes in Individuals Having Hyperacusis of the Auditory Origin	2020	Indian Journal of Otolaryngology and Head and Neck Surgery	72	4		497	502	10.1007/s12070-020-02002-9

Chandrasekhar C.; Rajpurohit H.; Javaji K.; Kuncha M.; Setti A.; Ali A.Z.; Tiwari A.K.; Misra S.; Kumar C.G.	Anti-hyperglycemic and genotoxic studies of 1-O-methyl chrysophanol, a new anthraquinone isolated from <i>Amycolatopsis thermoflava</i> strain SFMA-103	2021	Drug and Chemical Toxicology	44	2		148	160	10.1080/01480545.2018.1551406
Aparna Y.; Anuradha K.; Jyothi C.; Sri Manjari K.; Challa A.K.	Bringing Real-World Microbiology Experiences to Undergraduate Students in Resource-Limited Environments	2020	Frontiers in Microbiology	11		589405			10.3389/fmicb.2020.589405
Kanikireddy V.; Varaprasad K.; Jayaramudu T.; Karthikeyan C.; Sadiku R.	Carboxymethyl cellulose-based materials for infection control and wound healing: A review	2020	International Journal of Biological Macromolecules	164			963	975	10.1016/j.ijbiomac.2020.07.160
Banerjee P.; Kumar N.S.; Naidu K.C.B.; Franco A., Jr.; Dacheppalli R.	Stability of 2D and 3D Perovskites Due to Inhibition of Light-Induced Decomposition	2020	Journal of Electronic Materials	49	12		7072	7084	10.1007/s11664-020-08435-w
Kumar A.K.; Sunitha V.; Ramesh G.; Jalapathi P.	Synthesis and Antimicrobial Activity of Quinoxaline Based 1,2,3-Triazoles	2020	Russian Journal of General Chemistry	90	12		2386	2393	10.1134/S1070363220120257
Mokenapelli S.; Gutam M.; Vadiyaala N.; Yerrabelli J.R.; Banerjee S.; Roy P.; Kancha R.K.; Kunduru B.R.; Sagurthi S.R.; Chitneni P.R.	Synthesis and cytotoxicity of novel 14?-O-(1,4-disubstituted-1,2,3-triazolyl) ester derivatives of andrographolide	2021	Natural Product Research	35	2		289	297	10.1080/14786419.2019.1628746
Charvani S.; Reddy C.G.; Narendar G.	SEM, XRD and TGA study of alumina nanocomposites	2020	AIP Conference Proceedings	2297		20025			10.1063/5.0031317
Upendar J.; Kamal A.K.; Vedsuhas K.R.; Samhith Y.K.; Soujanya K.	Modelling and analysis of a variable step size thevenin method to enhance the performance of PV system	2020	Proceedings - 2020 IEEE International Symposium on Sustainable Energy Signal			9358856			10.1109/ISSSC50941.2020.9358856

Nageswara Rao P.S.R.K.; Usha Sri P.; Vizayakumar K.	Analysis of Enterprise Model Using System Dynamics: A Case of Production–Inventory System	2021	Lecture Notes in Mechanical Engineering	26			575	585	10.1007/978-981-15-7557-0_47
Ayodhya D.; Veerabhadram G.	Microwave-assisted fabrication of g-C3N4 nanosheets sustained Bi2S3 heterojunction composites for the catalytic reduction of 4-nitrophenol	2021	Environmental Technology (United Kingdom)	42	6		826	841	10.1080/09593330.2019.1646323
Konatham M.; Gorle M.T.; Pathakala N.; Bakshi V.; Mamidiseti Y.D.; Chinthakindi P.; Jadi R.K.	In situ gel polymers: A review	2021	International Journal of Applied Pharmaceutics	13	1		86	90	10.22159/ijap.2021v13i1.39504
Soni P.; Nayak S.N.; Kumar R.; Pandey M.K.; Singh N.; Sudini H.K.; Bajaj P.; Fountain J.C.; Singam P.; Hong Y.; Chen X.; Zhuang W.; Liao B.; Guo B.; Varshney R.K.	Transcriptome analysis identified coordinated control of key pathways regulating cellular physiology and metabolism upon aspergillus flavus infection resulting in reduced aflatoxin production in groundnut	2020	Journal of Fungi	6	4	370	1	23	10.3390/jof6040370
Rasool A.; Imran Mir M.; Zulfajri M.; Hanafiah M.M.; Azeem Unnisa S.; Mahboob M.	Plant growth promoting and antifungal asset of indigenous rhizobacteria secluded from saffron (Crocus sativus L.) rhizosphere	2021	Microbial Pathogenesis	150		104734			10.1016/j.micpath.2021.104734
Kulkarni S.R.; Balachandran S.M.; Ulaganathan K.; Balakrishnan D.; Praveen M.; Prasad A.S.H.; Fiyaz R.A.; Senguttuvel P.; Sinha P.; Kale R.R.; Rekha G.; Kousik M.B.V.N.; Harika G.; Anila M.; Punniakoti E.; Dilip T.; Hajira S.K.; Pranathi K.; Das M.A.; Shaik M.; Chaitra K.; Rao R.K.; Ganapure S.S.; Pandey M.K.; Sundaram P.M.; Reddy A.N.K.; Hashemi M.; Sagar D.K.	Molecular mapping of QTLs for yield related traits in recombinant inbred line (RIL) population derived from the popular rice hybrid KRH-2 and their validation through SNP genotyping	2020	Scientific Reports	10	1	13695			10.1038/s41598-020-70637-3
	Effects of aberrations on the point spread function and the two-point resolution with versatile apodization pupils	2020	Pramana - Journal of Physics	94	1	145			10.1007/s12043-020-02016-6
Muddagoni N.; Bathula R.; Dasari M.; Potlapally S.R.	Homology modeling, virtual screening, primemmgbsa, autodock-identification of inhibitors of fgr protein	2021	Biointerface Research in Applied Chemistry	11	4		11088	11103	10.33263/BRIAC114.1108811103

Nagamani C.; Reddy P.V.; Reddy M.R.; Reddy K.L.; Satyanarayana S.	Synthesis and Characterization of Ru(II) Polypyridyl Complexes with 2-(4-Methylbenzoate)-1H-imidazo[4,5-f][1,10]phenantroline Ligand, and Their DNA Binding, Photocleavage, Physico-Chemical Properties, and Cytotoxicity	2020	Russian Journal of General Chemistry	90	12		2456	2466	10.1134/S1070363220120385
Komaravalli P.L.; Rani S.V.; Dalal A.; Jahan P.	Association analysis of FMR1 genetic variants and primary ovarian insufficiency in South Indian women with a novel approach of CGG repeats classification	2020	European Journal of Medical Genetics	63	12	104081			10.1016/j.ejmg.2020.104081
Naga Raju V.	Some properties of multiplicative S-metric spaces	2021	Advances in Mathematics: Scientific Journal	10	1		105	109	10.37418/amsj.10.1.10
Neelima P.; Ramesh T.; Raju P.; Murthy S.R.	Structural and microwave behavior of Dy <sup>3+</sup> -substituted Ni <sub>0.5</sub> Zn <sub>0.5</sub> DyxFe <sub>2-x</sub> O <sub>4</sub> ferrites	2021	Journal of Materials Science: Materials in Electronics	32	2		1729	1740	10.1007/s10854-020-04941-z
Rao P.N.; Reddy M.C.S.; Reddy A.P.; Kumar E.R.; Rao B.A.	Optical and dielectric studies of CdI <sub>2</sub> -doped silver borotellurate glass system	2021	Journal of Materials Science: Materials in Electronics	32	1		806	817	10.1007/s10854-020-04859-6
Inapurapu S.P.; Ibrahim A.; Kona S.R.; Pawar S.C.; Bodiga S.; Bodiga V.L.	Development and characterization of $\gamma$ -3 fatty acid nanoemulsions with improved physicochemical stability and bioaccessibility	2020	Colloids and Surfaces A: Physicochemical and Engineering Aspects	606		125515			10.1016/j.colsurfa.2020.125515
Rambabu A.; Ganji N.; Daravath S.; Ramesh G.; Shivaraj	An Investigation on DNA Binding, Cleavage and Antimicrobial Properties of Mononuclear Co(II), Ni(II) and Cu(II) Complexes Derived from N, O Donor Schiff Bases	2020	Journal of Fluorescence	30	6		1397	1410	10.1007/s10895-020-02614-y
Praveen B.; Ramesh A.; Kumar M.	Drivers Perspective on Wearing Seat Belt and Use of Mobile Phone While Driving in Metropolitan City	2021		83			413	426	10.1007/978-981-15-5644-9_31



Pujari N.; Birampally K.; Edukondalu A.; Vardhani C.P.	Effect of Li2O content on structural and optical properties of Li2O-TeO2-As2O3-B2O3 glasses	2021	Journal of Physics and Chemistry of Solids	148		109627			10.1016/j.jpcs.2020.109627
Anantha B.; Merugu L.; Rao P.V.D S.	Polarization Reconfigurable Corner Truncated Square Microstrip Array Antenna	2021	IETE Journal of Research	67	4		491	498	10.1080/03772063.2018.1557084
Kumar K.S.; Chandra N.R.; Yellaiah G.; Kumar B.P.	Prediction of meteoroid stream structure based on meteoroid fragmentation	2020	Journal of Astrophysics and Astronomy	41	1	25			10.1007/s12036-020-09639-6
Suman G.; Vinay Kumar Reddy K.; Sreenath Reddy M.; Gopal Reddy Ch.; Yadagiri Reddy P.	Indoor radon and thoron in the vicinity of proposed uranium mining site: A case study at Dasarlapally Village, Telangana State, India	2021	Radiation Protection Dosimetry	189	2		205	212	10.1093/RPD/NCAA032
Naga Lakshmi G.V.; Jayalaxmi A.; Veeramsetty V.	Optimal placement of distributed generation using firefly algorithm	2020	IOP Conference Series: Materials Science and Engineering	981	4	42060			10.1088/1757-899X/981/4/042060
Gugulothu S.; Dhakate R.; Sreedhar K.; Ramesh A.; Saxena P.R.	Geophysical and hydrochemical studies for sustainable development of groundwater resources in northwestern part of Telangana State, India	2020	Journal of Earth System Science	129	1	202			10.1007/s12040-020-01452-7
Bhattacharjee S.	Gravitational baryogenesis in extended teleparallel theories of gravity	2020	Physics of the Dark Universe	30		100612			10.1016/j.dark.2020.100612
Ratnakaram S.; Chakravaram V.; Vihari N.S.; Vidyasagar Rao G.	Emerging Trends in the Marketing of Financially Engineered Insurance Products	2021	Advances in Intelligent Systems and Computing	1270			675	684	10.1007/978-981-15-8289-9_65

Siva Jagadish Kumar M.; Naidu M.R.; Hayavadana J.	Effect of alkaline hydrolysis of jute / Polyester union fabrics on low-stress mechanical properties	2021	Journal of Fiber Science and Technology	76	12		412	421	10.2115/FIBERS T.2020-0044
Bindu G.; Venkata Ramana Devi C.; Ravi Kumar B.S.; Ravi Kiran S.	Chemical composition and in vitro potential activity on glucose metabolism and cytotoxicity of leaves of erythroxyllum monogynum roxb.	2020	Medicinal Plants	12	4		568	579	10.5958/0975-6892.2020.0006 9.6
Kumar B.N.; Kumar P.V.	Learning Parameters for Hybrid Bayesian Network	2021	EAI/Springer Innovations in Communication and Computing				255	260	10.1007/978-3-030-49795-8_25
Mohammed Y.B.; Alqahtani A.; Lakshmi S.; Gnanaprakash K.; Kumarappan C.T.	Studies on formulation development and evaluation of tolnaftate-loaded glycerosomes	2021	Materials Research Innovations	25	4		233	242	10.1080/143289 17.2020.177916 8
Duguta G.; Muddam B.; Kamatala C.R.; Utkoor U.K.	Trichloroisocyanuric acid (TCCA) and carboxamide interactions in TCCA/NaNO <sub>2</sub> triggered nitration of pyrrole and indole in aqueous aprotic media: A kinetic correlation of solvent properties with reactivity	2021	International Journal of Chemical Kinetics	53	1		164	186	10.1002/kin.214 32
Mahendrakar M.D.; Parveda M.; Kishor P.B.K.; Srivastava R.K.	Discovery and validation of candidate genes for grain iron and zinc metabolism in pearl millet [Pennisetum glaucum (L.) R. Br.]	2020	Scientific Reports	10	1	16562			10.1038/s41598 -020-73241-7
Kishanji M.; Mamatha G.; Madhuri D.; Suresh Kumar D.; Vijaya Charan G.; Ramesh S.; Jadhav V.; Madhukar K.	Preparation and characterization of cellulose/in situ generated silver nanoparticle composite films prepared using Pongamia pinnata leaf extract as a reducing and stabilizing agent	2021	Inorganic and Nano-Metal Chemistry	51	9		1207	1213	10.1080/247015 56.2020.182286 9
Mahboob S.; Rizwana; Prasad G.; Kumar G.S.	Dielectric, impedance and resistivity studies on [Ba(Nd <sub>0.1</sub> Ti <sub>0.8</sub> Nb <sub>0.1</sub> )O <sub>3</sub> ] <sub>0.40</sub> [(Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> ] <sub>0.40</sub> [CaTiO <sub>3</sub> ] <sub>0.20</sub> piezoelectric ceramic	2021	Materials Science and Engineering: B	263		114823			10.1016/j.mseb. 2020.114823

Shaziya H.; Shyamala K.	Pulmonary CT Images Segmentation using CNN and UNet Models of Deep Learning	2020	2020 IEEE Pune Section International Conference, PuneCon 2020			9362463	195	201	10.1109/PuneCon50868.2020.9362463
Katukam V.; Rupula K.; Beedu S.R.	Synthesis and characterisation of novel biopolymer stabilised organic Ptnanocomposite: Assessment of its antioxidant and antitumour properties	2020	IET Nanobiotechnology	14	9		889	898	10.1049/iet-nbt.2020.0069
Mehra K.L.; Konda S.; Ramakrishnaiah Y.S.	On Smoothed Nonparametric MWSD Estimation of Mixing Proportions	2020	Journal of the Indian Society for Probability and Statistics	21	2		349	386	10.1007/s41096-020-00086-8
Yerrabelly J.R.; Nuligonda S.P.; Mokenapelli S.; Chitneni P.R.	Microwave induced synthesis of a new class of pyrano isoxazoline and isoxazole annulated chromones - An intramolecular nitrile oxide cycloaddition with tethered olefins and alkynes	2021	Arkivoc	2020	8		125	135	10.24820/ark.5550190.p011.235
Fatima T.; Duguta G.; Purugula V.; Yelike H.S.; Kamatala C.R.	Cornforth and Corey-Suggs reagents as efficient catalysts for sulfonation of aromatic and heteroaromatic compounds using NaHSO <sub>3</sub> under solvent free and microwave conditions	2020	Phosphorus, Sulfur and Silicon and the Related Elements	195	12		1001	1006	10.1080/10426507.2020.1782909
Gupta H.; Reddy S.K.K.; Chiluka M.; Gandla V.	Nutrient retention behind a tropical mega-dam: a case study of the Sardar Sarovar Dam, India	2021	SN Applied Sciences	3	1	16			10.1007/s42452-020-04118-7
Alikatte K.; Palle S.; Rajendra Kumar J.; Pathakala N.	Fisetin Improved Rotenone-Induced Behavioral Deficits, Oxidative Changes, and Mitochondrial Dysfunctions in Rat Model of Parkinson's Disease	2021	Journal of Dietary Supplements	18	1		57	71	10.1080/19390211.2019.1710646
Boda G.; Boda N.; Sridhar R.; Reddy A.P.; Ravinder D.	Thermoelectric power, electrical resistivity and magnetic properties of ni-sm nano-particles	2021	Biointerface Research in Applied Chemistry	11	1		7835	7846	10.33263/BRIAC111.78357846

Manjula G.; Pranavchand R.; Kumuda I.; Reddy B.S.; Reddy B.M.	The SNP rs7865618 of 9p21.3 locus emerges as the most promising marker of coronary artery disease in the southern Indian population	2020	Scientific Reports	10	1	21511			10.1038/s41598-020-77080-4
Naseeruddin S.; Desai S.; Venkateswar Rao L.	Co-culture of <i>Saccharomyces cerevisiae</i> (VS3) and <i>Pichia stipitis</i> (NCIM 3498) enhances bioethanol yield from concentrated <i>Prosopis juliflora</i> hydrolysate	2021	3 Biotech	11	1	21			10.1007/s13205-020-02595-6
Kishor P.B.K.; Suravajhala R.; Rajasheker G.; Marka N.; Shridhar K.K.; Dhulala D.; Scinthia K.P.; Divya K.; Doma M.; Edupuganti S.; Suravajhala P.; Polavarapu R.	Lysine, Lysine-Rich, Serine, and Serine-Rich Proteins: Link Between Metabolism, Development, and Abiotic Stress Tolerance and the Role of ncRNAs in Their Regulation	2020	Frontiers in Plant Science	11		546213			10.3389/fpls.2020.546213
Madhuri C.; Venkataramana K.; Shanker J.; Reddy C.V.	Effect of La <sup>3+</sup> , Pr <sup>3+</sup> , and Sm <sup>3+</sup> triple-doping on structural, electrical, and thermal properties of ceria solid electrolytes for intermediate temperature solid oxide fuel cells	2020	Journal of Alloys and Compounds	849		156636			10.1016/j.jallcom.2020.156636
Arora S.; Pacif S.K.J.; Bhattacharjee S.; Sahoo P.K.	f(Q,T) gravity models with observational constraints	2020	Physics of the Dark Universe	30		100664			10.1016/j.dark.2020.100664
Arora S.; Bhattacharjee S.; Sahoo P.K.	Late-time viscous cosmology in f(R, T) gravity	2021	New Astronomy	82		101452			10.1016/j.newast.2020.101452
Naik Bhukya R.; Kodepaka S.; Dharavath V.; Boda R.	Position and Velocity Errors Reduction Using Advanced TERCOM Aided Inertial Navigation System	2021	Advances in Intelligent Systems and Computing	1165			801	809	10.1007/978-981-15-5113-0_67
Bodiga V.L.; Bathula J.; Kudle M.R.; Vemuri P.K.; Bodiga S.	Andrographolide suppresses cisplatin-induced endothelial hyperpermeability through activation of PI3K/Akt and eNOS –derived nitric oxide	2020	Bioorganic and Medicinal Chemistry	28	23	115809			10.1016/j.bmc.2020.115809

Somadi G.; Sivan S.K.	Identification of therapeutic target in S2 domain of SARS nCov-2 Spike glycoprotein: Key to design and discover drug candidates for inhibition of viral entry into host cell	2020	Journal of Theoretical and Computational Chemistry	19	7	2050028			10.1142/S0219633620500285
Vijaya Kumar K.; Shailesh P.; Srinivasa Raghavan K.; Ranga Babu J.A.; Ravi Kumar P.	Performance and emission analysis of diesel engine with design modifications on piston crown	2020	International Journal of Ambient Energy	41	12		1336	1341	10.1080/01430750.2018.1517664
Yashwanth M.; Chandra M.L.; Pallavi K.; Showkat D.; Kumar P.S.	Agriculture Automation using Deep Learning Methods Implemented using Keras	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			9298415			10.1109/INOCON50539.2020.9298415
Krishna P.; Neelima Patnaik D.; Kalyani B.; Navanitha P.; Vardhani C.P.	Synthesis and characterizations of multi-functional ferrites	2020	AIP Conference Proceedings	2269		30106			10.1063/5.0019648
Pujari N.; Kalyani B.; Krishna P.; Chinna Babu J.; Vardhani C.P.	Effect of Li2O on electron paramagnetic resonance and optical absorption studies of Cu2+ ion in arsenate boro-tellurite glasses	2020	AIP Conference Proceedings	2269		30086			10.1063/5.0019996
Ashok P.; Guntu R.K.; Bhikshamaiah G.; Markandeya Y.; Madhu M.; Anusha K.; Jahangeer N.; Kumar G.A.; Sriman Narayana Iyengar N.C.; Srinivasa Rao C.	Influence of Al3+ and Sb3+ ions on thermo and photoluminescence properties of Pr2O3 doped PbO – SiO2 glasses for optical use	2020	Journal of Luminescence	227		117473			10.1016/j.jlumin.2020.117473
Hashim M.; Ahmed A.; Ali S.A.; Shirsath S.E.; Ismail M.M.; Kumar R.; Kumar S.; Meena S.S.; Ravinder D.	Structural, optical, elastic and magnetic properties of Ce and Dy doped cobalt ferrites	2020	Journal of Alloys and Compounds	834		155089			10.1016/j.jallcom.2020.155089
Sushmitha C.; Kusuma M.P.; Archana J.	Formulation and evaluation of rutin trihydrate emulgel	2020	Indian Drugs	57	11		87	92	

Komaraiah D.; Radha E.; Sivakumar J.; Ramana Reddy M.V.; Sayanna R.	Photoluminescence and photocatalytic activity of spin coated Ag+ doped anatase TiO2 thin films	2020	Optical Materials	108		110401			10.1016/j.optmat.2020.110401
Sahoo S.K.; Katlamudi M.; Barman C.; Lakshmi G.U.	Identification of earthquake precursors in soil radon-222 data of Kutch, Gujarat, India using empirical mode decomposition based Hilbert Huang Transform	2020	Journal of Environmental Radioactivity	222		106353			10.1016/j.jenvrad.2020.106353
Siddamalla S.; Govatati S.; Venu V.K.; Erram N.; Deenadayal M.; Shivaji S.; Bhanoori M.	Association of genetic variations in phosphatase and tensin homolog (PTEN) gene with polycystic ovary syndrome in South Indian women: a case control study	2020	Archives of Gynecology and Obstetrics	302	4		1033	1040	10.1007/s00404-020-05658-4
Iyer G.R.; Samajder S.; Zubeda S.; Devi Soorya Narayana S.; Mali V.; PV S.K.; Sharma A.; Abbas N.Z.; Bora N.S.; Narravula A.; Hasan Q.	Infectivity and Progression of COVID-19 Based on Selected Host Candidate Gene Variants	2020	Frontiers in Genetics	11		861			10.3389/fgene.2020.00861
Adain M.W.; Kumar S.S.; Choudhary S.	Space Visualization of Rotating Magnetic Field Using Lissajous Curves	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020			9298379			10.1109/INOCON50539.2020.9298379
Ashraf S.; Rizvi N.B.; Rasool A.; Mahmud T.; Huang G.G.; Zulfajri M.	Evaluation of heavy metal ions in the groundwater samples from selected automobile workshop areas in northern Pakistan	2020	Groundwater for Sustainable Development	11		100428			10.1016/j.gsd.2020.100428
Chanda S.; Bharadwaj S.; Kumar N.P.; Kumar K.V.S.; Lakshmi Y.K.	Role of Bi2O3 and ZrO2 additives and sintering temperature on cation distribution in barium hexaferrites: an estimation from Neel's sub-lattice theory	2020	Applied Physics A: Materials Science and Processing	126	11	894			10.1007/s00339-020-04071-7
Gugulothu R.; Lalkishore K.; Dasari R.; Bhalke S.; Naik A.A.	Improved Package Isolation for High Gain MMIC Packaging Using offset Port Selection Technique	2020	Proceedings of 2020 IEEE-HYDCON International Conference on Engineering in			9242845			10.1109/HYDCON48903.2020.9242845

Valiyamattam G.J.; Katti H.; Chaganti V.K.; O'Haire M.E.; Sachdeva V.	Corrigendum: Do Animals Engage Greater Social Attention in Autism? An Eye Tracking Analysis (Frontiers in Psychology, (2020), 11, 10.3389/fpsyg.2020.00727)	2020	Frontiers in Psychology	11		584787			10.3389/fpsyg.2020.584787
Bitla S.; Sagurthi S.R.; Dhanavath R.; Puchakayala M.R.; Birudaraju S.; Gayatri A.A.; Bhukya V.K.; Atcha K.R.	Design and synthesis of triazole conjugated novel 2,5-diaryl substituted 1,3,4-oxadiazoles as potential antimicrobial and anti-fungal agents	2020	Journal of Molecular Structure	1220		128705			10.1016/j.molstruc.2020.128705
Ponnana M.; Pydi S.; Gaddam S.	Enumeration of lymphocyte subsets during follow-up in the pulmonary tuberculosis patients with comorbid diabetes mellitus	2020	Clinica Chimica Acta	510			566	572	10.1016/j.cca.2020.08.026
Mettu A.; Talla V.; Naikal S.J.P.	Novel anticancer Hsp90 inhibitor disubstituted pyrazolyl 2-aminopyrimidine compound 7t induces cell cycle arrest and apoptosis via mitochondrial pathway in MCF-7 cells	2020	Bioorganic and Medicinal Chemistry Letters	30	20	127470			10.1016/j.bmcl.2020.127470
Kancherla R.; Vadeghar R.K.; Ginuga P.R.; Sridhar S.	Antifouling membrane based on sodium alginate coated polyamide thin film composite for desalination of brackish water	2020	Polymer Engineering and Science	60	11		2827	2840	10.1002/pen.25515
Manojkumar P.; Venkatesh N.; Suresh G.; Mahipal V.; Ramesh M.; Parthasarathy T.	Synthesis, spectroscopic, DNA binding and DFT analysis of new charge transfer complexes of 2-Ethyl-6-methylaniline with DDQ and p-Chloranil	2020	Chemical Data Collections	29		100493			10.1016/j.cdc.2020.100493
Ashok A.; Vamsipriya V.; Upender G.; Prasad M.	Optical and Structural Studies of B2O3–ZnO–Na2O–Li2O Glasses Containing Ag Nano Particles	2020	Glass Physics and Chemistry	46	5		378	388	10.1134/S1087659620050028
Bandi R.; Kannikanti H.G.; dadigala R.; Gangapuram B.R.; Vaidya J.R.; Guttena V.	One step synthesis of hydrophobic carbon dots powder with solid state emission and application in rapid visualization of latent fingerprints	2020	Optical Materials	109		110349			10.1016/j.optmat.2020.110349

Venkatreddy J.; Reddy N.; Ravmder Reddy B.; Naresh P.; Lavanya B.; Ambika Prasad M.V.N.; Harrprasad K.; Sundriganeshan N.; Inamdar H.K.	Green synthesis of Co3O4/polyaniline nanocomposites: Structural, morphological and conductivity studies	2020	AIP Conference Proceedings	2269		30094			10.1063/5.0019605
Adain M.W.; Choudhary S.; Adidam K.K.	A Novel Approach to Curtail Strain on Circuit Breakers	2020	Proceedings of the 4th International Conference on Electronics, Communication			9297592	76	79	10.1109/ICECA49313.2020.9297592
Jilla L.; Kolluri P.K.; Bujji S.; J. P. Naikal S.	Synthesis and antimicrobial agents of thiazolidinone derivatives from benzocycloheptenone	2020	Journal of Heterocyclic Chemistry	57	11		4078	4087	10.1002/jhet.4117
Amrutham S.; Maragoni V.; Guttena V.	One-step green synthesis of palladium nanoparticles using neem gum (Azadirachta Indica): characterization, reduction of Rhodamine 6G dye and free radical scavenging activity	2020	Applied Nanoscience (Switzerland)	10	12		4505	4511	10.1007/s13204-020-01352-8
Seku K.; Sulaiman Hussaini S.; Golla N.; Mangatayaru K G.; D S.M.V.; Rapolu S.; Bandi R.; Reddy G B.	Microwave-assisted synthesis of palladium nanoparticles using Frankincense resin and evaluation of their catalytic properties	2020	Materials Letters	278		128427			10.1016/j.matlet.2020.128427
Venkateshwarlu Ch.; Prasad M.; Vinod G.; Suresh Reddy Y.; Rajashekar K.; Naresh B.; Ramesh P.; Dhasaratha U.; Neeraja P.; Laxman Naik J.	A.C Conductivity of Cobalt substituted in Copper ferrites by DSCM	2020	AIP Conference Proceedings	2269		30113			10.1063/5.0022445
Bodiga V.L.; Vemuri P.K.; Nimmagadda G.; Bodiga S.	Zinc-dependent changes in oxidative and endoplasmic reticulum stress during cardiomyocyte hypoxia/reoxygenation	2020	Biological Chemistry	401	11		1257	1271	10.1515/hsz-2020-0167
Pervaram S.; Ashok D.; Reddy C.V.R.; Sarasija M.; Ganesh A.	Ionic liquid mediated one-pot multicomponent synthesis of methyl 1,2-diaryl-4-hydroxy-5-oxo-2,5-dihydro-1h-pyrrole-3-carboxylates	2020	Chemical Data Collections	29		100508			10.1016/j.cdc.2020.100508



Kumar Ch.P.; Sreenivasa Rao E.; Chandra Sekhar P.	Novel Approach to Analyze Crosstalk for a Multi-Line Bus System at 32-nm Technology	2020	Journal of Circuits, Systems and Computers	29	13	2050216			10.1142/S0218126620502163
Bhattacharjee S.	Configurational entropy in f(T) gravity	2020	European Physical Journal Plus	135	9	760			10.1140/epjp/s13360-020-00782-1
Ashok D.; Reddy M.R.; Dharavath R.; Ramakrishna K.; Nagaraju N.; Sarasija M.	Microwave-assisted synthesis of some new 1,2,3-triazole derivatives and their antimicrobial activity	2020	Journal of Chemical Sciences	132	1	47			10.1007/s12039-020-1748-9
Ganji N.; Daravath S.; Rambabu A.; Venkateswarlu K.; Shiva Shankar D.; Shivaraj	Exploration of DNA interaction, antimicrobial and antioxidant studies on binary transition metal complexes with isoxazole Schiff bases: Preparation and spectral characterization	2020	Inorganic Chemistry Communications	121		108247			10.1016/j.inoch.2020.108247
Bhattacharjee S.; Sahoo P.K.	Redshift Drift in f(R, T) Gravity	2020	New Astronomy	81		101425			10.1016/j.newast.2020.101425
Upendar J.; Samhith Y.K.; Kamal A.K.; Vedsuhas K.R.; Soujanya K.	Modelling and Analysis of Thevenin and Variable Step Size Incremental Conductance Methods to Improve the Performance of PV System	2020	Proceedings of the 4th International Conference on Electronics, Communication			9297549	121	129	10.1109/ICECA49313.2020.9297549
Vakacharla V.R.; Gnana K.; Xuewei P.; Narasimharaju B.L.; Bhukya M.; Banerjee A.; Sharma R.; Rathore A.K.	State-of-the-art power electronics systems for solar-to-grid integration	2020	Solar Energy	210			128	148	10.1016/j.solener.2020.06.105
Pagadala R.; Kusampally U.	BTMA-Br <sub>3</sub> Promoted One Pot Synthesis of 1, 8-Dioxo-octahydroxanthenes under Eco-friendly Conditions	2020	Organic Preparations and Procedures International	52	6		496	502	10.1080/00304948.2020.1794704

Rama Rao J.V.; Ravi Kumar B.; Kumar M.; Singh R.B.; Veeraiah B.	Gravity of Dharwar Craton, Southern Indian Shield	2020	Journal of the Geological Society of India	96	3		239	249	10.1007/s12594-020-1543-8
Khandare A.L.; B K.; Validandi V.; SSYH Q.; Harishankar N.; Singh S.S.; Kodali V.	Neurolethyrism in goat (Capra hircus) kid: Model development	2020	Research in Veterinary Science	132			49	53	10.1016/j.rvsc.2020.05.019
Manendar M.; Sreenath Reddy M.; Reddy V.R.; Gopal Reddy Ch.; Yadagiri Reddy P.	Mössbauer spectroscopy study of Ba <sub>0.5</sub> Sr <sub>1.5</sub> Co <sub>2-x</sub> Ni <sub>x</sub> Fe <sub>12</sub> O <sub>22</sub> hexaferrite system	2020	AIP Conference Proceedings	2265		30545			10.1063/5.0017308
Rani A.R.; Ayyangar K.; Reddy A.R.; Kumar A.A.; Reddy P.R.Y.	Estimation of skin doses for retrofit prototype multileaf collimators designed for telecobalt therapy machine	2020	Journal of Medical Physics	45	4		215	220	10.4103/jmp.JM_P_25_20
Gurrapu N.; Praveen Kumar E.; Kolluri P.K.; Putta S.; Sivan S.K.; Subhashini N.J.P.	Synthesis, biological evaluation and molecular docking studies of novel 1,2,3-triazole tethered chalcone hybrids as potential anticancer agents	2020	Journal of Molecular Structure	1217		128356			10.1016/j.molstruc.2020.128356
Mardhanpally A.K.; Kodali S.B.; Jakku N.R.; Kamatala C.R.; Yerraguntla R.R.	Potassium hydrogen sulfate mediated kinetics and mechanism of oxidation of certain polyols by Quinolinium bound Cr(VI) reagents	2020	SN Applied Sciences	2	10	1747			10.1007/s42452-020-03537-w
Yerrabelly J.R.; Gogula T.; Erukala Y.G.; Yerrabelly H.; Gabriella S.	Synthesis and antiproliferative activity of Daidzein bridged bis-[1,2,3]-triazole derivatives: Double click strategy	2020	Chemical Data Collections	29		100523			10.1016/j.cdc.2020.100523
Sumalatha M.; Shravan kumar Reddy S.; Reddy M.S.; Sripada S.; Raja M.M.; Reddy C.G.; Reddy P.Y.; Reddy V.R.	Raman and in-field <sup>57</sup> Fe Mössbauer study of cation distribution in Ga substituted cobalt ferrite (CoFe <sub>2-x</sub> Ga <sub>x</sub> O <sub>4</sub> )	2020	Journal of Alloys and Compounds	837		155478			10.1016/j.jallcom.2020.155478

Gaddameedi A.; Phuke R.M.; Kishor Bilhan Polavarapu K.; Gorthy S.; Subhasini V.; Jagannathan J.; Kumar Are A.	Heterosis and combining ability for grain Fe and Zn concentration and agronomic traits in sorghum [Sorghum bicolor (L.) Moench]	2020	Journal of King Saud University - Science	32	7		2989	2994	10.1016/j.jksus.2020.08.003
Dharavath R.; Sarasija M.; Ram Reddy M.; Nalaparaju N.; Katta R.; Ashok D.	Microwave assisted synthesis of 4-methyl-3-arylpyrano[2,3-f]chromen-2(8H)-one derivatives, evaluation of antiproliferative, and antimicrobial activities	2020	Journal of Heterocyclic Chemistry	57	11		3943	3950	10.1002/jhet.4103
Stalin S.; Edukondalu A.; Samee M.A.; Kareem Ahmmad S.; Taqiullah S.M.; Rahman S.	Non-linear optical properties of Bi2O3-TeO2-B2O3-GeO2 Glasses	2020	AIP Conference Proceedings	2269		30102			10.1063/5.0020245
Ramesh J.; Reddy S.S.K.; Padmasree G.; Sreenath Reddy M.; Gopal Reddy Ch.; Yadagiri Reddy P.; Rama Reddy K.; Raghavendra Reddy V.	The characterization of Nd doped BiFeO3 multiferroic polycrystalline materials	2020	AIP Conference Proceedings	2269		30056			10.1063/5.0020659
Kalyani B.; Pujari N.; Krishna P.; Chinna Babu J.; Edukondalu A.; Vardhani C.P.	Electron paramagnetic resonance studies of Bi2O3-Li2O-As2O3-B2O3 glasses doped with vanadium	2020	AIP Conference Proceedings	2269		30083			10.1063/5.0019994
Sahoo S.K.; Katlamudi M.; Gakka U.L.	Singular spectrum analysis on soil radon time series (222Rn) in Kachchh, Gujarat, India: detection of periodic oscillations and earthquake precursors	2020	Arabian Journal of Geosciences	13	19	973			10.1007/s12517-020-05946-y
Priya J.S.; Femina M.A.; Samuel R.A.	APSO-MVS: an adaptive particle swarm optimization incorporating multiple velocity strategies for optimal leader selection in hybrid MANETS	2020	Soft Computing	24	24		18349	18365	10.1007/s00500-020-05034-z
Sultana S.; Ananthapur V.	COVID-19 and its impact on neurological manifestations and mental health: the present scenario	2020	Neurological Sciences	41	11		3015	3020	10.1007/s10072-020-04695-w

Alluguvelli R.; Balla C.S.; Bandari L.; Naikoti K.	Investigation on natural convective flow of ethylene glycol nanofluid containing nanoparticles Fe <sub>3</sub> O <sub>4</sub> in a porous cavity with radiation	2020	AIP Conference Proceedings	2269		60004			10.1063/5.0019589
Sana S.S.; Kumbhakar D.V.; Pasha A.; Pawar S.C.; Grace A.N.; Singh R.P.; Nguyen V.-H.; Le Q.V.; Peng W.	Crotalaria verrucosa Leaf Extract Mediated Synthesis of Zinc Oxide Nanoparticles: Assessment of Antimicrobial and Anticancer Activity	2020	Molecules	25	21	4896			10.3390/molecules25214896
Akkanapalli U.; Mudigonda M.; Palakurti A.	Digitization and Analysis of Cardiotocography Records	2020	Proceedings of 2020 IEEE-HYDCON International Conference on Engineering in			9242781			10.1109/HYDCON48903.2020.9242781
Karidas S.; Veena B.K.; Pujari N.; Krishna P.; Chunduru V.	Photodegradation of Methylene Blue (MB) using Cerium-doped Zinc Oxide nanoparticles	2020	Sadhana - Academy Proceedings in Engineering Sciences	45	1	128			10.1007/s12046-020-01329-x
Vidyadhari Ch.; Sandhya N.; Premchand P.	Automatic Incremental Clustering Using Bat-Grey Wolf Optimizer-Based MapReduce Framework for Effective Management of High-Dimensional Data	2020	International Journal of Ambient Computing and Intelligence	11	4		72	92	10.4018/IJACI.2020100105
Mahboob S.; Rizwana; Prasad G.; Kumar G.S.	Electromechanical coupling, AC and DC resistivity simulation studies on [Ba(Nd <sub>0.075</sub> Ti <sub>0.85</sub> Nb <sub>0.075</sub> )O <sub>3</sub> ] <sub>0.30</sub> [(Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> ] <sub>0.70</sub> piezoelectric ceramic	2020	Ferroelectrics	568	1		39	46	10.1080/00150193.2020.1812271
Upendar J.; Kamal A.K.; Samhith Y.K.; Vedshas K.R.; Soujanya K.	Design and Implementation of Transmission Line Simulator Laboratory Model	2020	Proceedings of the 4th International Conference on Electronics, Communication			9297627	130	135	10.1109/ICECA49313.2020.9297627
Jagadha S.; Gopal D.; Kishan N.	Nanofluid flow of higher order radiative chemical reaction with effects of melting and viscous dissipation	2020	Journal of Physics: Conference Series	1451	1	12003			10.1088/1742-6596/1451/1/012003

Rao C.M.; Shyamala K.	Analysis and implementation of a parallel computing cluster for solving computational problems in data analytics	2020	Proceedings of the 2020 International Conference on Computing, Communication			9277362			10.1109/ICCCS49678.2020.9277362
Jampaiah D.; Damma D.; Chalkidis A.; Venkataswamy P.; Bhargava S.K.; Reddy B.M.	MOF-derived ceria-zirconia supported Co3O4 catalysts with enhanced activity in CO2 methanation	2020	Catalysis Today	356			519	526	10.1016/j.cattod.2020.05.047
Bhattacharjee S.; Pandey B.; Sarkar S.	Can a conditioning on stellar mass explain the mutual information between morphology and environment?	2020	Journal of Cosmology and Astroparticle Physics	2020	9	39			10.1088/1475-7516/2020/09/039
Chavali L.N.; Kavi Kishore P.B.; Lakshmi Narayana P.	Role of IoT and its adoption in smart farming	2020	Current Trends in Biotechnology and Pharmacy	14	4		439	447	10.5530/ctbp.2020.4.47
Bhogi A.; Kistaiah P.	Thermal and structural characterization of lithium borate glasses doped with Fe(III) ions: The role of alkaline earths	2020	Optical Materials	109		110345			10.1016/j.optmat.2020.110345
Chandra N.R.; Kumar B.P.; Yellaiah G.	Statistical analysis of meteoroid fragmentation during the Geminid and Leonid meteor showers	2020	Indian Journal of Radio and Space Physics	49	3		110	121	
Mahboob S.; Devi C.S.; Rizwana; Prasad G.; Kumar G.S.	Simulation of polarization data using modified Glazounov equation (T & E simultaneously) of barium titanate based normal and relaxor ferroelectrics	2020	Ferroelectrics	568	1		155	160	10.1080/00150193.2020.1811039
Dutta U.R.; Suttur M.S.; Venugopal V.S.; Posanapally L.P.; Gopalasetty S.; Talwar S.; Anand S.; Billapati S.; Jesudasan R.A.; Dalal A.	Cytogenetic and molecular study of 370 infertile men in South India highlighting the importance of copy number variations by multiplex ligation-dependent probe amplification	2020	Andrologia	52	10	e13761			10.1111/and.13761

Rachuru S.; Skelton A.A.; Vandanapu J.	Application of Hammett equation to hydrogen bond interactions of benzoic acid in chloroform/water system and explanation for non-linear Hammett relation to partition coefficients for the same system	2020	Computational and Theoretical Chemistry	1190		113024			10.1016/j.comptc.2020.113024
Taranum F.; Abid Z.; Khan K.U.R.	Legitimate-path Formation for AODV under black hole attack in MANETs	2020	Proceedings of the 4th International Conference on Electronics, Communication			9297389	806	813	10.1109/ICECA49313.2020.9297389
Raju S.; Ashok D.; Vinuthna C.H.	Comparative antimicrobial activity of phytofabricated Ag and Au nanoparticles from ledebouria hydrabadensis rhizome using various methods	2020	Indian Journal of Pharmaceutical Sciences	82	5		851	860	10.36468/pharmaceutical-sciences.714
Sudhakar Mokenapelli; Gutam M.; Yerrabelli J.R.; Irlapati V.K.; Gorityala N.; Sagurthi S.R.; Chitneni P.R.	Design and Synthesis of Novel 2-Substituted-Benzyl-5-(2-Methylbenzofuran-3-yl)-2H-Tetrazoles: Anti-Proliferative Activity	2020	Russian Journal of Bioorganic Chemistry	46	5		845	855	10.1134/S1068162020050179
Sultana N.; Gupta N.	Service quality: Business incubation and supportive policy intervention	2020	SCMS Journal of Indian Management	17	4		30	37	
Fatima T.; Mardhanpally A.K.; Yelike H.S.; Muppidi S.; Kamatala C.R.	Corey-Suggs and Cornforth reagents and sodium nitrite triggered nitration of aromatic and heteroaromatic compounds – A synthetic and kinetic study in aqueous acetonitrile media under acid-free conditions	2020	Chemical Data Collections	29		100522			10.1016/j.cdc.2020.100522
Iyer G.R.; Hasan Q.	Alteration of methylation status in archival DNA samples: A qualitative assessment by methylation specific polymerase chain reaction	2020	Environmental and Molecular Mutagenesis	61	8		837	842	10.1002/em.22398
Chandrashekhar R.; Vasudha B.; Jeripothula J.; Bhavani N.; Ram B.	Protective and therapeutic effect of protocatechuic acid in assessment of letrozole-induced polycystic ovary syndrome in rats	2020	Asian Pacific Journal of Reproduction	9	5		230	238	10.4103/2305-0500.294665

Shanker J.; Babu D.S.; Kumar R.V.; Sursh M.B.	Impact of Fe substitution on electrical properties of ErCrO <sub>3</sub> semiconductor perovskite ceramic nanoparticles	2020	Journal of Alloys and Compounds	841		155730			10.1016/j.jallcom.2020.155730
Mahender A.; Sasikumar Raja K.; Ramesh R.; Panditi V.; Monstein C.; Ganji Y.	A Statistical Study of Low-Frequency Solar Radio Type III Bursts	2020	Solar Physics	295	11	153			10.1007/s11207-020-01722-z
Subhashini N.J.P.; Jilla L.; Kolluri P.K.	Novel Benzosuberone-quinazolinone Derivatives: Synthesis and Antitumour Activity	2020	Russian Journal of General Chemistry	90	10		1960	1967	10.1134/S1070363220100199
Bharadwaj S.; Tirupathi A.; Pavan Kumar N.; Pola S.; Kalyana Lakshmi Y.	Study of magnetic and magnetoresistance behaviour of La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> composites	2020	Journal of Magnetism and Magnetic Materials	513		167058			10.1016/j.jmmm.2020.167058
Shashikumar N.S.; Macha M.; Gireesha B.J.; Kishan N.	Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation	2020	Multidiscipline Modeling in Materials and Structures	16	6		1521	1538	10.1108/MMMS-11-2019-0198
Anil P.; Bhikshma V.	Experimental study on improving the strength of concrete by using self-curing technic with Poly ethylene glycol and super absorbent polymer	2020	IOP Conference Series: Materials Science and Engineering	955	1	12031			10.1088/1757-899X/955/1/012031
Manaswini C.; Ranga A.	Design and fabrication of 3-D printed 6 DoF walking Bipedal robot with Arduino controller and analysis of gait pattern	2020	AIP Conference Proceedings	2283		20094			10.1063/5.0024876
Nishtala V.B.; Mahesh C.; Bhargavi G.; Pasala V.K.; Basavoju S.	Synthesis of spirooxindolocarbamates based on Betti reaction: antibacterial, antifungal and antioxidant activities	2020	Molecular Diversity	24	4		1139	1147	10.1007/s11030-019-10017-w

Venkatesh N.; Sundergoud S.; Swamy M.K.; Veerasomaiah P.	Microwave-Assisted Synthesis and Antimicrobial Activity of Novel Pyrazole-Indanone Hybrid Analogs	2020	Russian Journal of Organic Chemistry	56	9		1635	1639	10.1134/S1070428020090213
Rajesham B.; Arunkumar V.; Naikawadi P.K.; Shiva Kumar K.	Copper-catalyzed cascade C-N coupling/C-H amination: one pot synthesis of imidazo[1,2-b]indazole	2020	New Journal of Chemistry	44	37		15816	15820	10.1039/d0nj03022h
Suman K.; Madhubabu P.; Rathod R.; Sanjeeva Rao D.; Rojarani A.; Prashant S.; Subbarao L.V.; Ravindrababu V.; Neeraja C.N.	Variation of grain quality characters and marker-trait association in rice ( <i>Oryza sativa</i> L.)	2020	Journal of Genetics	99	1	5			10.1007/s12041-019-1164-4
Padmasree G.; Reddy S.S.K.; Ramesh J.; Reddy P.Y.; Gopal Reddy C.	57Fe Mossbauer and electrical studies of Mn doped YFeO <sub>3</sub> prepared via sol-gel technique	2020	Materials Research Express	7	11	116103			10.1088/2053-1591/abcc2c
Harshita P.S.; Supriya C.H.; Sravanthi S.; Jyothi V.; Peddi S.R.; Manga V.; Saddanapu V.; Jyostna T.S.	Design Synthesis and Biological Evaluation of Dithiocarbamate Substituted 2-Aminobenzothiazole Derivatives as Proviral Integration Site of Moloney Murine Leukaemia Virus 1 Kinase Inhibitors	2020	Indian Journal of Pharmaceutical Sciences	82	6		1015	1024	10.36468/pharmaceutical-sciences.733
Srikanth K.; Narsihma L.; Narsimulu M.; Satish Kumar M.; Laxminarayana K.; Srinivas M.	Photoluminescence studies of Eu <sup>3+</sup> and Tb <sup>3+</sup> activated Ba <sub>2</sub> SiO <sub>4</sub> phosphor	2020	AIP Conference Proceedings	2269		30058			10.1063/5.0019649
Srinivas B.; Srikantha Chary B.; Hameed A.; Narasimha Chary M.; Shareefuddin M.	Influence of BaO on spectral studies of Cr <sub>2</sub> O <sub>3</sub> doped titanium-boro-tellurite glasses	2020	Optical Materials	109		110329			10.1016/j.optmat.2020.110329
Surya E.; Fitriani; Ridhwan M.; Armi; Jailani; Rasool A.; Noviyanti A.; Sudewi S.; Zulfajri M.	The utilization of peanut sprout extract as a green nitrogen source for the physicochemical and organoleptic properties of Nata de coco	2020	Biocatalysis and Agricultural Biotechnology	29		101781			10.1016/j.bcab.2020.101781



Shashi Devi S.; Rajashekhar G.; Narender Reddy S.; Sadananda Chary A.	Characterization of Ba (NO <sub>3</sub> ) <sub>2</sub> and KNO <sub>3</sub> and their composite systems through SEM and DSC	2020	AIP Conference Proceedings	2269		30065			10.1063/5.0019489
GangaReddy K.; Ramana Reddy M.V.	Room temperature ammonia gas sensing properties of NiO thin film	2020	AIP Conference Proceedings	2269		30100			10.1063/5.0019512
Nagaraju M.; Kumar A.; Rajasheker G.; Manohar Rao D.; Kavi Kishor P.B.	DnaJs, the critical drivers of Hsp70s: genome-wide screening, characterization and expression of DnaJ family genes in Sorghum bicolor	2020	Molecular Biology Reports	47	10		7379	7390	10.1007/s11033-020-05793-w
Sharma N.; Sharma S.; Sharma R.	Dielectric and optical studies of CdSe nanoparticles: green synthesis	2020	Journal of Materials Science: Materials in Electronics	31	19		16592	16599	10.1007/s10854-020-04214-9
Sriramula R.; Srinivas V.	Common fixed point theorem on semicompatible mappings in metric space	2020	AIP Conference Proceedings	2246		20032			10.1063/5.0014435
Sikender N.; Reddy P.R.; Reddy P.S.N.	Classification of solutions of second order nonlinear non-homogeneous neutral mixed delay dynamic equations	2020	AIP Conference Proceedings	2246		20060			10.1063/5.0014527
Uma P.; Unnisa F.; Naresh P.; Prakash S.; Sushma P.R.; Rajanna K.C.	Synthesis, characterization and biological activity of benzothiazoles derivatives	2020	AIP Conference Proceedings	2244		40003			10.1063/5.0009036
Naresh P.; Sunitha V.; Padmaja A.; Uma P.; Narsimlu N.; Srinivas M.; Rajesh N.P.; Kumar K.S.	Dielectric studies of silver doped lithium tellurite borate glasses for fast ionic battery applications	2020	AIP Conference Proceedings	2244		100002			10.1063/5.0008992

Takele M.H.; Reddy B.K.	Iterative method for approximating a common fixed point for family of multi-valued generalized Hemi-contractive nonself mappings	2020	Afrika Matematika	31	45418		983	996	10.1007/s13370-020-00775-4
Rajender G.; Markandeya Y.; Bale S.; Suresh K.; Bhikshamaiah G.	Effect of Al on Structure, Magnetic, Resistivity, and Magnetoresistance Studies of Ba <sub>2</sub> FeMoO <sub>6</sub>	2020	Journal of Superconductivity and Novel Magnetism	33	7		2101	2108	10.1007/s10948-020-05434-0
Vemulakonda S.S.	Depiction of naxalism in Telugu cinema	2020	Handbook of Research on Social and Cultural Dynamics in Indian Cinema				222	233	10.4018/978-1-7998-3511-0.ch019
Shankar D.S.; Ganji N.; Daravath S.; Venkateswarlu K.; Raj S.	Evaluation of DNA interaction, free radical scavenging and biologically active compounds of thermally stable p-tolylmethanamine Schiff bases and their binary Co(II) and Ni(II) complexes	2020	Chemical Data Collections	28		100439			10.1016/j.cdc.2020.100439
Pala M.; Parayitam L.; Appala V.	Unsupervised stemmed text corpus for language modeling and transcription of Telugu broadcast news	2020	International Journal of Speech Technology	23	3		695	704	10.1007/s10772-020-09749-0
Zulfajri M.; Rasool A.; Huang G.G.	A fluorescent sensor based on oyster mushroom-carbon dots for sensing nitroarenes in aqueous solutions	2020	New Journal of Chemistry	44	25		10525	10535	10.1039/d0nj02134b
Valiyamattam G.J.; Katti H.; Chaganti V.K.; O'Haire M.E.; Sachdeva V.	Do Animals Engage Greater Social Attention in Autism? An Eye Tracking Analysis	2020	Frontiers in Psychology	11		727			10.3389/fpsyg.2020.00727
Bhattacharjee S.; Sahoo P.K.	Constraining f(R,T) Gravity from the Dark Energy Density Parameter ??	2020	Gravitation and Cosmology	26	3		281	284	10.1134/S0202289320030032

Lakshmi Y.K.; Kumar K.V.S.; Ganesan V.; Reddy P.V.	Effect of bismuth doping on the structural, magnetic, electrical, and thermopower behavior of lanthanum silver manganites	2020	Journal of Materials Science: Materials in Electronics	31	18		15931	15942	10.1007/s10854-020-04154-4
Vishnubotla D.S.; Shek A.P.; Madireddi S.	Pooled genetic analysis identifies variants that confer enhanced susceptibility to PCOS in Indian ethnicity	2020	Gene	752		144760			10.1016/j.gene.2020.144760
Aparna Y.; Nirmala G.; Subhashini N.J.P.; Sharada L.N.; Sreekanth S.	Synthesis and Antimicrobial Activity of Novel Bis-1,2,3-triazol-1H-4-yl-substituted Aryl Benzimidazole-2-thiol Derivatives	2020	Russian Journal of General Chemistry	90	8		1501	1506	10.1134/S1070363220080186
Sharada L.N.; Sunitha S.N.T.; Sabha M.; Viveka T.L.; Aparna Y.; Prasad M.	Ternary Cu(II) complexes: synthesis, structural elucidation, and biological studies (DNA binding, cleavage, antibacterial, cytotoxicity)	2020	Research on Chemical Intermediates	46	7		3341	3360	10.1007/s11164-020-04140-9
Bhogi A.; Kistaiah P.	Influence of alkaline earths on EPR spectra of lithium borate glasses doped with Fe (III) ions	2020	Journal of Physics: Conference Series	1495	1	12002			10.1088/1742-6596/1495/1/012002
Neelima Patnaik D.; Krishna P.; Vardhani C.P.	LiTaO3 Directional Coupler Switch with Enhanced Extinction Ratio and Low Insertion Loss	2020	Journal of Physics: Conference Series	1495	1	12036			10.1088/1742-6596/1495/1/012036
Bujji S.; Edigi P.K.; Subhashini N.J.P.	Synthesis and evaluation of novel 1,2,4-triazolo-[3,4-b]-1,3,4-thiadiazole tethered chalcone hybrids as potential anticancer agents	2020	Journal of Heterocyclic Chemistry	57	9		3318	3325	10.1002/jhet.4047
Suresh G.; Venkatesh N.; Naveen B.; Mahipal V.; Madhavi M.; Parthasarathy T.	DNA Binding, DFT and Spectroscopic Studies of a Charge Transfer Complex Consisting of a Bioactive Donor 1-(2-Methylbenzyl)piperazine	2020	Journal of Solution Chemistry	49	6		777	797	10.1007/s10953-020-00989-x

Reddy P.R.; Sikender N.; Reddy M.C.K.	Classification of solutions of second order non-homogeneous neutral delay dynamic equations on time scales	2020	AIP Conference Proceedings	2246		20056			10.1063/5.0015211
Mulam H.; Mudigonda M.	Optimised multi-wavelet domain for decomposed electrooculogram-based eye movement classification	2020	IET Image Processing	14	9		1892	1900	10.1049/iet- ipr.2019.0277
Rafi K.M.; Prasad P.V.N.	Design and development of 30 kVAr DSTATCOM for reactive power compensation in an 800 kW radial distribution system	2020	ARPN Journal of Engineering and Applied Sciences	15	12		1346	1354	
Abdul Khadeer S.K.; Ramesh Babu P.; Ravi Kumar B.; Seshu Kumar A.	Evaluation of friction welded dissimilar pipe joints between AISI 4140 and ASTM A 106 Grade B steels used in deep exploration drilling	2020	Journal of Manufacturing Processes	56			197	205	10.1016/j.jmapr o.2020.04.078
Sushma Sri M.; Rajendra Naik B.; Jayasankar K.	Edge detection using block processing and lookup table	2020	Proceedings of the 5th International Conference on Communication and Electronics Nanomaterials	10	7	1318	1	15	10.3390/nano10 071318
Gandhi A.C.; Li T.-Y.; Kumar B.V.; Reddy P.M.; Peng J.-C.; Wu C.-M.; Wu S.Y.	Room temperature magnetic memory effect in cluster-glassy fe-doped nio nanoparticles	2020	European Physical Journal Plus	135	7	576			10.1140/epjp/s1 3360-020- 00583-6
Bhattacharjee S.; Santos J.R.L.; Moraes P.H.R.S.; Sahoo P.K.	Inflation in f(R, T) gravity	2020	Synthetic Communications	50	11		1641	1655	10.1080/003979 11.2020.175003 3
Duguta G.; Kamatala C.R.; Mukka S.K.; Muddam B.; Chityala Y.	N, N'-dimethyl formamide (DMF) mediated Vilsmeier-Haack adducts with 1,3,5-triazine compounds as efficient catalysts for the transesterification of $\beta$ -ketoesters	2020							

Srinivasulu B.; Kaur H.; Shah T.A.; Devender G.; Gopi A.; Raman S.; Srinivasulu C.	A review of the bacular morphology of some Indian bats (Mammalia: Chiroptera)	2020	Journal of Threatened Taxa	12	9		15985	16005	10.11609/jott.5650.12.9.15985-16005
Kumar P.S.; Chandrasena R.P.S.; Sam Moses Babu K.V.	Design and Development of Hybrid Wind - Solar - Battery Power Generation System using SVPWM Based Multilevel Inverter for Grid Connected Application	2020	2020 IEEE PES/IAS PowerAfrica, PowerAfrica 2020			9219987			10.1109/PowerAfrica49420.2020.9219987
Jyothi B.; Swamy P.N.; Kumar K.V.; Srinivas T.	Fuzzy bi-ideal of a near-algebra	2020	AIP Conference Proceedings	2246		20080			10.1063/5.0014933
Mahesh Ch.; Sucharitha J.	The Taylor quadrature method with constant weight function	2020	AIP Conference Proceedings	2246		20094			10.1063/5.0014704
Kalyani B.; Pujari N.; Edukondalu A.; Krishna P.; Babu J.C.; Vardhani C.P.	Electron paramagnetic resonance and optical properties of Cu <sup>2+</sup> in PbO-Li <sub>2</sub> O-As <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses	2020	Journal of the Australian Ceramic Society	56	3		1147	1154	10.1007/s41779-020-00462-4
Shanti Priya D.; Ravi Raja P.; Rukmini J.; Raghu Prasad M.; Thomas V.S.	Photometric investigation of eight ultra-short period eclipsing binaries from OGLE	2020	Research in Astronomy and Astrophysics	20	8	113			10.1088/1674-4527/20/8/113
Mamidala S.; Mudigunda V.S.; Peddi S.R.; Bokara K.K.; Manga V.; Vedula R.R.	Design and synthesis of new thiazoles by microwave-assisted method: Evaluation as anti-breast cancer agents and molecular docking studies	2020	Synthetic Communications	50	16		2488	2501	10.1080/00397911.2020.1781184
Banoth S.; Tangutur A.D.; Anthappagudem A.; Ramaiah J.; Bhukya B.	Cloning and in vivo metabolizing activity study of CYP3A4 on amiodarone drug residues: A possible probiotic and therapeutic option	2020	Biomedicine and Pharmacotherapy	127		110128			10.1016/j.biopha.2020.110128

Bhattacharjee S.	Interacting Tsallis and Rényi holographic dark energy with hybrid expansion law	2020	Astrophysics and Space Science	365	6	103			10.1007/s10509-020-03820-7
Duguta G.; Muddam B.; Kamatala C.R.; Chityala Y.	Symmetric trichloro triazine adducts with N, N'-dimethyl formamide and N, N'-dimethyl acetamide as green Vilsmeier-Haack reagents for effective formylation and acylation of Indoles	2020	Chemical Data Collections	28		100382			10.1016/j.cdc.2020.100382
Sasikumar M.; Maddala G.; Ambapuram M.; Subburu M.; Vaidya J.R.; Babu S.N.; Chetti P.; Mitty R.; Pola S.	Cost-effective thiophene-assisted novel dopant-free hole transport materials for efficient perovskite solar cell performance	2020	Sustainable Energy and Fuels	4	9		4754	4767	10.1039/d0se00549e
Ashok B.; Hariram N.; Siengchin S.; Rajulu A.V.	Modification of tamarind fruit shell powder with in situ generated copper nanoparticles by single step hydrothermal method	2020	Journal of Bioresources and Bioproducts	5	3		180	185	10.1016/j.jobab.2020.07.003
Mahipal V.; Venkatesh N.; Naveen B.; Suresh G.; Manaiah V.; Parthasarathy T.	Catalytic activity and DNA binding applications of Benzhydrylpiperazine and p-Chloranil charge transfer complex: Synthesis, spectroscopic, and DFT studies	2020	Chemical Data Collections	28		100474			10.1016/j.cdc.2020.100474
Sekhar P.R.; Sujatha B.	A literature review on feature selection using evolutionary algorithms	2020	2020 7th International Conference on Smart Structures and Systems ICSSS			9202257			10.1109/ICSSS49621.2020.9202257
Ambapuram M.; Maddala G.; Simhachalam N.B.; Sripada S.; Kalvapalli S.; Yerva Pedda V.S.; Mitty R.	Highly effective SnS composite counter electrode sandwiched bi-function CeO <sub>2</sub> :Er <sup>3+</sup> /Yb <sup>3+</sup> assisted surface modified photoelectrode dye sensitized solar cell exceeds 9.5% efficiency	2020	Solar Energy	207			1158	1164	10.1016/j.solener.2020.07.030
Shanthi Kumari K.; Shivakrishna P.; Al-Attar A.M.; Ramakrishna Ganduri V.S.	Antibacterial and cytotoxicity activities of bioactive compounds from Micrococcus species OUS9 isolated from sea water	2020	Journal of King Saud University - Science	32	6		2818	2825	10.1016/j.jksus.2020.07.003

Zulfajri M.; Abdelhamid H.N.; Sudewi S.; Dayalan S.; Rasool A.; Habib A.; Huang G.G.	Plant part-derived carbon dots for biosensing	2020	Biosensors	10	6	68			10.3390/BIOS10060068
Akula S.H.; Dass M.A.; Surapaneni S.K.; Balaravi P.	Mapping of quantitative trait loci associated with resistance to brown planthopper in background of Swarna from a traditional variety PTB33	2020	Euphytica	216	7	114			10.1007/s10681-020-02652-4
Sridher T.; Sarma A.D.; Kumar P.N.; Lakshmana K.	Results of Indoor Localization using the Optimum Pathloss Model at 2.4 GHz	2020	2020 33rd General Assembly and Scientific Symposium of the				9232019		10.23919/URSIGASS49373.2020.9232019
Packiaraj G.; Hashim M.; Chandra Babu Naidu K.; Helen Ruth Joice G.; Naik J.L.; Ravinder D.; Ramakrishna Rao B.	Magnetic properties of Cu and Al doped nano BaFe12O19 ceramics	2020	Biointerface Research in Applied Chemistry	10	3		5455	5459	10.33263/BRIAC103.455459
Ramya D.; Rao J.A.; Shravani I.	Numerical Simulation of MHD Boundary Layer Stagnation Flow of Nanofluid over a Stretching Sheet with Slip and Convective Boundary Conditions	2020	International Journal of Nanoscience and Nanotechnology	16	2		103	115	
Gavaskar D.S.; Nagaraju P.; Vijayakumar Y.; Reddy P.S.; Ramana Reddy M.V.	Low-cost ultra-sensitive SnO <sub>2</sub> -based ammonia sensor synthesized by hydrothermal method	2020	Journal of Asian Ceramic Societies	8	3		605	614	10.1080/21870764.2020.1769820
Veenachary V.; Ramana E.V.; Kumar G.S.; Prasad G.; Prasad N.V.	Electrical Studies on Bi <sub>4</sub> NdTi <sub>3</sub> Fe <sub>0.7</sub> Co <sub>0.3</sub> O <sub>15</sub> -Bi <sub>3</sub> NdTi <sub>2</sub> Fe <sub>0.7</sub> Co <sub>0.3</sub> O <sub>12</sub> -? Intergrowth Aurivillius Ceramics	2020	Transactions of the Indian Ceramic Society	79	3		113	119	10.1080/0371750X.2020.1760139
Rao B.K.; Rao Y.J.	An efficient and facile synthesis of novel triazole C-N linked chromone hybrids	2020	Asian Journal of Chemistry	32	7		1806	1808	10.14233/ajchem.2020.22734

Dingari M.; Reddy D.M.; Sumalatha V.	Self-similar behavior of air passengers arrival pattern of Indigo-domestic services	2020	AIP Conference Proceedings	2246		20048			10.1063/5.0014557
Poloju M.; Jayababu N.; Rao E.V.; Rao R.G.; Reddy M.V.R.	Development of CdO/ZnO nanocomposites for the rapid detection and discrimination of n-butanol	2020	Surfaces and Interfaces	20		100586			10.1016/j.surfin.2020.100586
Srivastava V.; Rao K.P.; Rani H.S.; Kumawat R.K.; Mishra A.; Shrivastava P.	Genomic diversity in the Goud population of Telangana, India inferred using twenty three autosomal marker PowerPlex® Fusion 6C System	2020	Meta Gene	25		100718			10.1016/j.mgene.2020.100718
Rizwana; Syed M.; Prasad G.; Kumar G.S.	Direct estimation of the activation energy and relaxation times from the anomalies observed in the dielectric, AC and DC resistivity data using modified Lorentz equation	2020	SN Applied Sciences	2	6	1024			10.1007/s42452-020-2846-5
Swamy P.N.; Jyothi B.; Nagaiah T.; Deshmukh R.	Fuzzy quasi-ideals of near algebra	2020	AIP Conference Proceedings	2246		20035			10.1063/5.0014443
Raju B.; Nagaraju V.	Common fixed point theorem for weakly semi compatible mappings	2020	AIP Conference Proceedings	2246		20108			10.1063/5.0014966
Gupta G.; Deval R.; Mishra A.; Upadhyay S.; Singh P.K.; Rao V.R.	Re-testing reported significant SNPs related to suicide in a historical high -risk isolated population from north east India	2020	Hereditas	157	1	31			10.1186/s41065-020-00144-y
Swamy P.N.; Deshmukh R.; Rao M.M.K.; Jyothi B.	Tripolar fuzzy near algebra	2020	AIP Conference Proceedings	2246		20098			10.1063/5.0014433



Usha Kiranmayee K.N.S.; Hash C.T.; Sivasubramani S.; Ramu P.; Amindala B.P.; Rathore A.; Kavi Kishor P.B.; Gupta R.; Deshpande S.P.	Fine-mapping of sorghum stay-green qtl on chromosome10 revealed genes associated with delayed senescence	2020	Genes	11	9	1026	2	26	10.3390/genes1091026
Reddy A.P.; Rao P.N.; Reddy M.C.S.; Rao B.A.; Veeraiah N.	Second harmonic generation and spectroscopic characteristics of TiO <sub>2</sub> doped Li <sub>2</sub> O–Al <sub>2</sub> O <sub>3</sub> –B <sub>2</sub> O <sub>3</sub> glass matrix	2020	Applied Physics A: Materials Science and Processing	126	9	689			10.1007/s00339-020-03879-7
Rampogu S.; Lee G.; Doneti R.; Woo Lee K.	Short communication for targeting natural compounds against HER2 kinase domain as potential anticancer drugs applying pharmacophore based molecular modelling approaches- part 2	2020	Computational Biology and Chemistry	87		107242			10.1016/j.compbiolchem.2020.107242
Shanker J.; Kumar R.V.; Rao G.N.; Babu D.S.	Magnetic reversal in Fe substituted NdCrO <sub>3</sub> perovskite nanoparticles	2020	Materials Chemistry and Physics	251		123098			10.1016/j.matchemphys.2020.123098
Purnima M.; Stalin S.; Edukondalu A.; Samee M.A.; Ahmmad S.K.; Rahman S.	Spectroscopic studies on Li <sub>2</sub> O–MgO–Bi <sub>2</sub> O <sub>3</sub> –B <sub>2</sub> O <sub>3</sub> glasses	2020	Chinese Journal of Physics	66			517	526	10.1016/j.cjph.2020.05.031
Thotla K.; Noole V.G.; Kedika B.; Reddy C.H.K.	Synthesis of 5-[[[1-Aryl-1H-1,2,3-triazol-4-yl)methyl]sulfonyl]-1-phenyl-1H-tetrazoles	2020	Russian Journal of Organic Chemistry	56	6		1077	1081	10.1134/S1070428020060172
Sirgamalla R.; Adem K.; Boda S.; Kommakula A.; Neradi S.; Perka S.; Bojja K.; Arifuddin M.	DABCO mediated one pot synthesis of 2-(3-benzyl-2, 6-dioxo-3, 6-dihydropyrimidin-1[2H]-yl)-N-(4-(1, 3-dioxo-1H-benzo [de]isoquinolin-2[3H]-yl) aryl) acetamides as antimicrobial agents	2020	Journal of Heterocyclic Chemistry	57	9		3375	3383	10.1002/jhet.4055
Naresh P.	Influence of TeO <sub>2</sub> on the UV, electrical and structural studies of Li <sub>2</sub> O–ZnO– B <sub>2</sub> O <sub>3</sub> glasses	2020	Journal of Molecular Structure	1213		128184			10.1016/j.molstruc.2020.128184

Sumalatha V.; Dingari M.; Jayalakshmi C.	Short term road traffic flow forecasting using multi layer perceptron neural networks	2020	AIP Conference Proceedings	2246		20070			10.1063/5.0014561
Soren K.R.; Madugula P.; Kumar N.; Barmukh R.; Sengar M.S.; Bharadwaj C.; Sharma P.C.; Singh S.; Bhandari A.; Singh J.; Sanwal S.K.; Pal M.; Sneha Priya P.R.; Mann A.; Sagurthi S.R.; Shanmugavadivel P.S.; Siddique K.H.M.; Singh N.P.; Roorkiwal M.; Varshney P.K.	Genetic dissection and identification of candidate genes for salinity tolerance using axiom <sup>®</sup> cicerSNP array in chickpea	2020	International Journal of Molecular Sciences	21	14	5058	1	17	10.3390/ijms21145058
Ayodhya D.; Veerabhadram G.	Ultrasonic synthesis of g-C3N4/CdS composites and their photodegradation, catalytic reduction, antioxidant and antimicrobial studies	2020	Materials Research Innovations	24	4		210	228	10.1080/14328917.2019.1634356
Ayodhya D.; Veerabhadram G.	BSA mediated Ag@Bi2S3 composites: synthesis, characterization, photodegradation of mixed dyes via metal-semiconductor interface, antimicrobial and antioxidant activities	2020	Materials Today Chemistry	17		100320			10.1016/j.mtchem.2020.100320
Yousuf S.; Marifatul Haq S.; Rasool A.; Zulfajri M.; Hanafiah M.M.; Nafees H.; Tasneem S.; Mahboob M.	Evaluation of antidepressant activity of methanolic and hydroalcoholic extracts of Acorus calamus L. rhizome through tail suspension test and forced swimming test of mice	2020	Journal of Traditional Chinese Medical Sciences	7	3		301	307	10.1016/j.jtcm.2020.07.002
Arun Kumar A.; Shekhar V.	SCL of Knowledge in Indian Universities	2020	Journal of the Knowledge Economy	11	3		1043	1058	10.1007/s13132-019-00592-6
Shanthi Kumari K.; Shivakrishna P.; Ganduri V.S.R.	Wound healing Activities of the bioactive compounds from Micrococcus sp. OUS9 isolated from marine water	2020	Saudi Journal of Biological Sciences	27	9		2398	2402	10.1016/j.sjbs.2020.05.007
Naraiah Rairala P.; Kumar Perumalla N.; Kaitha P.; Chandra Shekar G.	Analysis of position accuracy of NavIC satellites- preliminary results	2020	2020 International Conference for Emerging Technology, INCET 2020			9154106			10.1109/INCET49848.2020.9154106

Siva Kumar C.; Malleshm G.	Performance of three phase AI controller based UPQC to enhance power quality of hybrid RES	2020	Microsystem Technologies	26	8		2673	2682	10.1007/s00542-020-04810-z
Gutam M.; Mokenapelli S.; Yerrabelli J.R.; Banerjee S.; Roy P.; Chitneni P.R.	Synthesis and cytotoxicity of novel (E)-2-phenylchroman-4-one-O-((1-substituted-1H-1,2,3-triazol-4-yl)methyl) oxime derivatives	2020	Synthetic Communications	50	12		1883	1891	10.1080/00397911.2020.1759645
Babu B.S.; Babu S.N.; Prasad G.; Kumar G.S.; Prasad N.V.	Structure and dielectric properties of Sm <sup>3+</sup> modified Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> -SrBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> intergrowth ferroelectrics	2020	Processing and Application of Ceramics	14	3		260	267	10.2298/pac2003260s
Mudavath R.; Ushaiah B.; Kishan Prasad C.; Sudeepa K.; Ravindar P.; Sunitha S.N.T.; Sarala Devi C.	Molecular docking, QSAR properties and DNA/BSA binding, anti-proliferative studies of 6-methoxy benzothiazole imine base and its metal complexes	2020	Journal of Biomolecular Structure and Dynamics	38	10		2849	2864	10.1080/07391102.2019.1647878
Shah T.A.; Srinivasulu C.	Echolocation calls of some bats of Gujarat, India	2020	Mammalia	84	5		483	492	10.1515/mammalia-2019-0015
Deshmukh R.; Swamy P.N.; Srinivas T.; Satyanarayana Bh.	Tripolar fuzzy weak bi-ideals of a near ring	2020	AIP Conference Proceedings	2246		20104			10.1063/5.0014922
Raut G.K.; Manchineela S.; Chakrabarti M.; Bhukya C.K.; Naini R.; Venkateshwari A.; Reddy V.D.; Mendonza J.J.; Suresh Y.; Nallari P.; Bhadra M.P.	Imine stilbene analog ameliorate isoproterenol-induced cardiac hypertrophy and hydrogen peroxide-induced apoptosis	2020	Free Radical Biology and Medicine	153			80	88	10.1016/j.freeradbiomed.2020.04.014
Zulfajri M.; Liu K.-C.; Pu Y.-H.; Rasool A.; Dayalan S.; Huang G.G.	Utilization of carbon dots derived from Volvariella volvacea mushroom for a highly sensitive detection of Fe <sup>3+</sup> and Pb <sup>2+</sup> ions in aqueous solutions	2020	Chemosensors	8	3	47			10.3390/CHEMSENSORS8030047

Vidyadhari C.; Sandhya N.; Premchand P.	Bat-Grey Wolf Optimizer and kernel mapping for automatic incremental clustering	2020	International Journal of Modeling, Simulation, and Scientific Computing	11	4	2050032			10.1142/S1793962320500324
Ramesh G.; Daravath S.; Swathi M.; Sumalatha V.; Shiva Shanker D.; Shivaraj S.	Investigation on Co(II), Ni(II), Cu(II) and Zn(II) complexes derived from quadridentate salen-type Schiff base: Structural characterization, DNA interactions, antioxidant proficiency and biological evaluation	2020	Chemical Data Collections	28		100434			10.1016/j.cdc.2020.100434
Tummala A.B.; Rao Korrai D.	Performance analysis of LDPC Coded Massive MIMO-OFDM System	2020	2020 International Conference for Emerging Technology, INCET 2020			9154160			10.1109/INCET49848.2020.9154160
Narshimha C.; Reddy U.V.B.; Praveen K.; Ramesh S.	Geochemistry data of the nadergul granodiorite of the late archean hyderabad granite batholith, part of eastern dharwar craton, india; implications for composition of the lower continental crust	2020	Data in Brief	31		105768			10.1016/j.dib.2020.105768
Syed J.M.; Lakshmi Namburi D.	Improving response time of ambulance using machine intelligence	2020	2020 International Conference for Emerging Technology, INCET 2020			9153992			10.1109/INCET49848.2020.9153992
Kumar K.V.; Jyothi B.; Swamy P.N.; Nagaiah T.; Omprakasham G.	Characterization on bipolar fuzzy quasi ideals and bipolar N-subgroups of near rings	2020	AIP Conference Proceedings	2246		20053			10.1063/5.0014444
Mulam H.; Mudigonda M.	Empirical mean curve decomposition with multiwavelet transformation for eye movements recognition using electrooculogram signals	2020	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in	234	8		794	811	10.1177/0954411920924496
Mamatha G.; Varada Rajulu A.; Madhukar K.	In Situ Generation of Bimetallic Nanoparticles in Cotton Fabric Using Aloe Vera Leaf Extract, as a Reducing Agent	2020	Journal of Natural Fibers	17	8		1121	1129	10.1080/15440478.2018.1558146

Stalin S.; Gaikwad D.K.; Samee M.A.; Edukondalu A.; Ahmmad S.K.; Joshi A.A.; Syed R.	Structural, optical features and gamma ray shielding properties of Bi <sub>2</sub> O <sub>3</sub> -TeO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -GeO <sub>2</sub> glass system	2020	Ceramics International	46	11		17325	17334	10.1016/j.ceramint.2020.04.021
Swamy P.N.; Deshmukh R.; Jyothi B.	Tripolar fuzzy ideal of a gamma near algebra	2020	AIP Conference Proceedings	2246		20044			10.1063/5.0014929
Kumar R.U.; Joga S.; Thadakamalla S.	Effect of Brownian motion on MHD stagnation-point flow of Casson nanofluid due to a stretching sheet with zero normal flux	2020	AIP Conference Proceedings	2246		20076			10.1063/5.0014763
Rajender G.; Markandeya Y.; Suresh K.; Bhikshamaiah G.	Structural, magnetic, resistivity, and magnetoresistance studies of Ba <sub>2</sub> Fe <sub>1-x</sub> Ni <sub>x</sub> MoO <sub>6</sub> double perovskite	2020	Journal of Materials Science: Materials in Electronics	31	14		11938	11948	10.1007/s10854-020-03748-2
Shanker A.K.; Bhanu D.; Alluri A.; Gupta S.	Whole-genome sequence analysis and homology modelling of the main protease and non-structural protein 3 of SARS-CoV-2 reveal an aza-peptide and a lead inhibitor with possible antiviral properties	2020	New Journal of Chemistry	44	22		9202	9212	10.1039/d0nj00974a
Goud R.G.; Reddy M.K.	A study on cointegration between inflation and economic growth in India	2020	AIP Conference Proceedings	2246		20036			10.1063/5.0014434
Kumar D.R.; Lincoln C.A.; Ravinder D.; Ahmad S.I.	Structural, morphological, luminescence, magnetic, and electrical transport properties of zinc-doped MnFe <sub>2</sub> O <sub>4</sub> nanomaterials	2020	Applied Physics A: Materials Science and Processing	126	9	705			10.1007/s00339-020-03894-8
Guguloth V.C.; Battu S.	Synthesis of Some Aromatic and Aliphatic Esters Using WO <sub>3</sub> /ZrO <sub>2</sub> Solid Acid Catalyst under Solvent Free Conditions	2020	Asian Journal of Chemistry	32	9		2153	2157	10.14233/ajchem.2020.22683

Bhogi A.; Pothuganti P.K.; Kistaiah P.	Structural properties of Li <sub>2</sub> O-BaO-B <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> glasses	2020	AIP Conference Proceedings	2220		80058			10.1063/5.0001158
Gunda G.K.T.; Balaji S.; Champati Ray P.K.; Bhat G.R.; Balakrishna; Kannaujiya S.	Geophysical Characterisation of the Active Fault Geometry and Trends in Tectonic Deformation in the Shallow Stratigraphy along Active Faults, South Andaman, India	2020	Journal of the Geological Society of India	95	3		286	292	10.1007/s12594-020-1427-y
Rao N.N.; kishan E.; Gopichand K.; Nagaraju R.; Ganai A.M.; Rao P.V.	Design, synthesis, spectral characterization, DNA binding, photo cleavage and antibacterial studies of transition metal complexes of benzothiazole Schiff base	2020	Chemical Data Collections	27		100368			10.1016/j.cdc.2020.100368
Rasool A.; Zulfajri M.; Gulzar A.; Hanafiah M.M.; Unnisa S.A.; Mahboob M.	In vitro effects of cobalt nanoparticles on aspartate aminotransferase and alanine aminotransferase activities of wistar rats	2020	Biotechnology Reports	26		e00453			10.1016/j.btre.2020.e00453
Ashok D.; Ram Reddy M.; Ramakrishna K.; Nagaraju N.; Dharavath R.; Sarasija M.	Iodine mediated synthesis of some new imidazo[1,2-a]pyridine derivatives and evaluation of their antimicrobial activity	2020	Journal of Heterocyclic Chemistry	57	6		2528	2534	10.1002/jhet.3967
Malireddi R.K.S.; Gurung P.; Kesavardhana S.; Samir P.; Burton A.; Mummareddy H.; Vogel P.; Pelletier S.; Burgula S.; Kanneganti T.-D.	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activity-independent pyroptosis, apoptosis, necroptosis, and inflammatory disease	2020	Journal of Experimental Medicine	217	3	e20191644			10.1084/jem_20191644
Venkataswamy P.; Damma D.; Jampaiah D.; Mukherjee D.; Vithal M.; Reddy B.M.	Cr-Doped CeO <sub>2</sub> Nanorods for CO Oxidation: Insights into Promotional Effect of Cr on Structure and Catalytic Performance	2020	Catalysis Letters	150	4		948	962	10.1007/s10562-019-03014-z
Bhattacharjee S.; Sahoo P.K.	Big bang nucleosynthesis and entropy evolution in f(R, T) gravity	2020	European Physical Journal Plus	135	4	350			10.1140/epjp/s13360-020-00361-4

Ashok P.; Kumar Guntu R.; Bhikshamaiah G.	[Sb2O3]x [Al2O3]y – x composite influence on Ho2O3 doped PbO - SiO2 glasses for optical use	2020	Optik	206		164367			10.1016/j.ijleo.2020.164367
Frey T.R.; Brathwaite J.; Li X.; Burgula S.; Akinyemi I.A.; Agarwal S.; Burton E.M.; Ljungman M.; McIntosh M.T.; Bhaduri-McIntosh S.	Nascent transcriptomics reveal cellular prolytic factors upregulated upstream of the latent-to-lytic switch protein of epstein-barr virus	2020	Molecular and Cellular Biology	94	7	e01966-19			10.1128/JVI.01966-19
Wani S.H.; Kumar V.; Khare T.; Guddimalli R.; Parveda M.; Solymosi K.; Suprasanna P.; Kavi Kishor P.B.	Engineering salinity tolerance in plants: progress and prospects	2020	Planta	251	4	76			10.1007/s00425-020-03366-6
Rachuru S.; Vandanapu J.	Do phase transition temperatures Tmp and Tbp obey linear free energy relationships?	2020	Journal of Molecular Liquids	302		112496			10.1016/j.molliq.2020.112496
Jyothi N.; Ganji N.; Daravath S.; Shivaraj	Mononuclear cobalt(II), nickel(II) and copper(II) complexes: Synthesis, spectral characterization and interaction study with nucleotide by in vitro biochemical analysis	2020	Journal of Molecular Structure	1207		127799			10.1016/j.molstruc.2020.127799
Hari S.G.; Annamaneni S.; Nanchari S.R.; Meka P.; Satti V.	CD44 3'UTR C > T polymorphism as a predictive marker for breast cancer development	2020	Meta Gene	24		100657			10.1016/j.mgene.2020.100657
Sahoo P.; Bhattacharjee S.; Tripathy S.K.; Sahoo P.K.	Bouncing scenario in f (R, T) gravity	2020	Modern Physics Letters A	35	13	2050095			10.1142/S0217732320500959
Chintakuntla N.; Putta V.R.; Mallepally R.R.; K N.; Vuradi R.K.; Kotha L.R.; Singh S.S.; Sirasani S.	Synthesis, structural characterization, in vitro DNA binding, and antitumor activity properties of Ru(II) compounds containing 2(2,6-dimethoxy-pyridine-3-yl)-1H-imidazo(4,5-f)[1, 10]phenanthroline	2020	Nucleosides, Nucleotides and Nucleic Acids	39	5		760	791	10.1080/15257770.2019.1694685

Bhukya R.K.; Satish Kumar P.	Simplified down sampling factor based modified SVPWM technique for cascaded inverter fed induction motor drive	2020	International Journal of Advances in Applied Sciences	9	1		20	26	10.11591/ijaas.v9.i1.pp20-26
Neeli P.K.; Gollavilli P.N.; Mallappa S.; Hari S.G.; Kotamraju S.	A novel metadherin $\gamma$ splice variant enhances triple negative breast cancer aggressiveness by modulating mitochondrial function via NF $\kappa$ B-SIRT3 axis	2020	Oncogene	39	10		2088	2102	10.1038/s41388-019-1126-6
Yorseng K.; Siengchin S.; Ashok B.; Rajulu A.V.	Nanocomposite egg shell powder with in situ generated silver nanoparticles using inherent collagen as reducing agent	2020	Journal of Bioresources and Bioproducts	5	2		101	107	10.1016/j.jobab.2020.04.003
Asadi P.; Kodide K.; Kota M.; Thati J.	Determination and correlation of solubility and solution thermodynamics of 4-aminobenzenesulfonamide in five binary solvent mixtures from 278.15 to 318.15 K	2020	Journal of Molecular Liquids	303		112670			10.1016/j.molliq.2020.112670
Meesa S.R.; Naikawadi P.K.; Gugulothu K.; Shiva Kumar K.	Catalyst and solvent switched divergent C-H functionalization: Oxidative annulation of: N -aryl substituted quinazolin-4-amine with alkynes	2020	Organic and Biomolecular Chemistry	18	16		3032	3037	10.1039/d0ob00318b
Kanikireddy V.; Varaprasad K.; Rani M.S.; Venkataswamy P.; Mohan Reddy B.J.; Vithal M.	Biosynthesis of CMC-Guar gum-Ag0 nanocomposites for inactivation of food pathogenic microbes and its effect on the shelf life of strawberries	2020	Carbohydrate Polymers	236		116053			10.1016/j.carbpol.2020.116053
Sahoo P.K.; Bhattacharjee S.	Gravitational Baryogenesis in Non-Minimal Coupled f(R,T) Gravity	2020	International Journal of Theoretical Physics	59	5		1451	1459	10.1007/s10773-020-04414-3
Bommagani M.B.; Mokenapelli S.; Yerrabelli J.R.; Boda S.K.; Chitneni P.R.	Novel 4-(1H-1,2,3-triazol-4-yl)methoxy)cinnolines as potent antibacterial agents: Synthesis and molecular docking study	2020	Synthetic Communications	50	7		1016	1025	10.1080/00397911.2020.1728333



Kumar N.K.; Nageshwar M.; Reddy K.P.	Protective effect of curcumin on hippocampal and behavior changes in rats exposed to fluoride during pre- And post-natal period	2020	Basic and Clinical Neuroscience	11	3		289	300	10.32598/bcn.11.2.1189.1
Sahoo P.K.; Bhattacharjee S.	Revisiting the coincidence problem in f(R) gravitation	2020	New Astronomy	77		101351			10.1016/j.newast.2019.101351
Rao Venkateshwar P.; Ammanni S.; Khairunnisa A.	Synthesis, spectral, physiological studies and application of metal complexes of a ligand 1,1-(5,5-(1e,1)-1,-1-(propane-1,3-diybis(azan-1-yl-1-ylidene) bis (ethane-1-yl-1-ylidene) bis(2,4-dihydroxy-5,1-phenylene) diethanone (PDEDPD) prepared from 1,2-diaminopropane and 4,6-	2020	Research Journal of Chemistry and Environment	24	4		73	81	
Balu M.; Srinivasulu N.V.; Rajendra R.; Ramesh A.	Effect of ply orientation on a carbon fiber composite angular beam manufacturing	2020	International Journal of Mechanical and Production Engineering Research and	10	2	IJMPERDAP R202061	615	624	10.24247/ijmperdapr202061
Upadhyay P.K.; Jain V.K.; Sharma S.; Shrivastav A.K.; Sharma R.	Green and chemically synthesized ZnO nanoparticles: A comparative study	2020	IOP Conference Series: Materials Science and Engineering	798	1	12025			10.1088/1757-899X/798/1/012025
PraveenKumar K.; MuraliKrishna P.V.; DeerghaRao K.	Coverage analysis of dynamic TDD-based downlink mmWave network with k - ? shadowed fading and BS heights	2020	IET Communications	14	8		1251	1260	10.1049/iet-com.2019.0343
Bathula R.; Lanka G.; Muddagoni N.; Dasari M.; Nakkala S.; Bhargavi M.; Somadi G.; Sivan S.K.; Rajender Potlapally S.	Identification of potential Aurora kinase-C protein inhibitors: an amalgamation of energy minimization, virtual screening, prime MMGBSA and AutoDock	2020	Journal of Biomolecular Structure and Dynamics	38	8		2314	2325	10.1080/07391102.2019.1630318
Hanafiah M.M.; Zainuddin M.F.; Nizam N.U.M.; Halim A.A.; Rasool A.	Phytoremediation of aluminum and iron from industrial wastewater using Ipomoea aquatica and centella asiatica	2020	Applied Sciences (Switzerland)	10	9	3064			10.3390/app10093064

Muchintala D.; Suresh V.; Raju D.; Sashidhar R.B.	Synthesis and characterization of cecropin peptide-based silver nanocomposites: Its antibacterial activity and mode of action	2020	Materials Science and Engineering C	110		110712			10.1016/j.msec.2020.110712
Bharathi A.; Merugu L.; Somasekhar Rao P.V.D.	Reconfigurable Corner Truncated Square Microstrip Patch Antennas for Wireless Communication Applications	2020	IETE Journal of Research	66	2		242	255	10.1080/03772063.2018.1478326
Sharma R.; Sagurthi S.R.; Narahari Sastry G.	Elucidating the preference of dimeric over monomeric form for thermal stability of Thermus thermophilus isopropylmalate dehydrogenase: A molecular dynamics perspective	2020	Journal of Molecular Graphics and Modelling	96		107530			10.1016/j.jmgm.2020.107530
Sunkar B.; Kannoju B.; Bhukya B.	Optimized Production of Xylanase by Penicillium purpurogenum and Ultrasound Impact on Enzyme Kinetics for the Production of Monomeric Sugars From Pretreated Corn Cobs	2020	Frontiers in Microbiology	11		772			10.3389/fmicb.2020.00772
Rao Yerrabelli J.; Kommera R.; Reddy Kasireddy V.; Reddy Ghojala V.; Yerrabelli H.	An Efficient and Scalable Synthesis of Lifitegrast	2020	ChemistrySelect	5	11		3355	3358	10.1002/slct.201904846
Yerrabelli J.R.; Mallepaka P.	Facile Synthesis of Novel Isoflavone/1,2,3-Triazole Hybrid Heterocycles as Potential Antimicrobial Agents	2020	Russian Journal of General Chemistry	90	5		911	916	10.1134/S1070363220050266
Nagaraju R.; Gopichand K.; Rao N.N.; Ganai A.M.; Kishan E.; Rao P.V.	Synthesis and Anticancer Activity of a Novel Series of Tetrazolo[1,5-a]quinoline Based 1,2,3-Triazole Derivatives	2020	Russian Journal of General Chemistry	90	2		314	318	10.1134/S1070363220020255
Bhattacharjee S.; Sahoo P.K.	Baryogenesis in f(Q, T) gravity	2020	European Physical Journal C	80	3	289			10.1140/epjc/s10052-020-7844-7

Vijetha K.; Naik B.R.	High performance area efficient DA based FIR filter for concurrent decision feedback equalizer	2020	International Journal of Speech Technology	23	2		297	303	10.1007/s10772-020-09695-x
Kumari N.; Mallesham G.	An Efficient Technique-Based Distributed Energy Management for Hybrid MG System: A Hybrid RFCFA Technique	2020	Journal of Control, Automation and Electrical Systems	31	2		479	493	10.1007/s40313-019-00554-y
Devarapalli S.P.; Jagirdar R.; Prasad R.M.; Thomas V.S.; Ahmed S.A.; Gralappally R.; Das J.P.	Comprehensive study of a neglected contact binary TYC 5532-1333-1	2020	Monthly Notices of the Royal Astronomical Society	493	2		1565	1573	10.1093/mnras/staa031
Swapna; Prasad M.	Influence of Sb2O3 on vibrational and optical properties of TeO2-Nb2O5 glass system	2020	Optik	208		164108			10.1016/j.ijleo.2019.164108
Vemuri P.K.; Kunta A.; Challagulla R.; Bodiga S.; Veeravilli S.; Bodiga V.L.; Rao K.R.S.S.	Artificial intelligence and internet of medical things based health-care system for real-time maternal stress - Strategies to reduce maternal mortality rate	2020	Drug Invention Today	13	7		1126	1129	
Narsimha P.; Siva Rama Krishna L.; Venkata Ramana P.	Influence of welding process and weld design on the mechanical properties of reduced activation ferritic-martensitic steel weldments	2020	International Journal of Scientific and Technology Research	9	4		2131	2136	
Sekhar T.; Thriveni P.; Ramesh K.; Giri Prasad P.; Srihari I.; Gorityala N.; Rao Sagurthi S.; Sankar Allam U.	Green synthesis, antitubercular evaluation, and molecular docking studies of ethyl 3,5-dicyano-6-oxo-2,4-diarylpiperidine-3-carboxylate derivatives	2020	Medicinal Chemistry Research	29	4		748	758	10.1007/s00044-020-02519-2
Roorkiwal M.; Bharadwaj C.; Barmukh R.; Dixit G.P.; Thudi M.; Gaur P.M.; Chaturvedi S.K.; Fikre A.; Hamwiah A.; Kumar S.; Sachdeva S.; Ojiewo C.O.; Tar'an B.; Wordofa N.G.; Singh N.P.; Siddique K.H.M.; Varshney R.K.	Integrating genomics for chickpea improvement: achievements and opportunities	2020	Theoretical and Applied Genetics	133	5		1703	1720	10.1007/s00122-020-03584-2

Phazna Devi T.A.; Sahoo D.; Setti A.; Sharma C.; Kalita M.C.; Indira Devi S.	Bacterial rhizosphere community profile at different growth stages of Umorok (Capsicum chinense) and its response to the root exudates	2020	International Microbiology	23	2		241	251	10.1007/s10123-019-00097-x
Reddy K.S.; Siva B.; Reddy S.D.; Naresh N.R.; Pratap T.V., Prataptv@gmail.com; Rao B.V.; Hong Y.-A.; Kumar B.V.; Raju A.K.; Reddy P.M.; Hu A.	In situ FTIR spectroscopic monitoring of the formation of the arene diazonium salts and its applications to the heck-matsuda reaction	2020	Molecules	25	9	2199			10.3390/molecules25092199
Vannada J.; Sulthan M.; Arun D.; Dada R.; Yaragorla S.	Regiodivergent Synthesis of Penta-Substituted Pyrroles through a Cascade [3 + 2] Cyclization of C-Acylimines with Activated Alkynes and Aromatic Nucleophiles	2020	Journal of Organic Chemistry	85	10		6697	6708	10.1021/acs.joc.0c00712
Bandaru R.; Venkateshwarlu H.	Foreign tourists' revisit intention approach applied in the indian tourism market	2020	Indian Journal of Marketing	50	4		43	54	10.17010/ijom/2020/v50/i4/151572
Praveen Kumar M.; Poornima; Mamidala E.; Al-Ghanim K.; Al-Misned F.; Ahmed Z.; Mahboob S.	Effects of D-Limonene on aldose reductase and protein glycation in diabetic rats	2020	Journal of King Saud University - Science	32	3		1953	1958	10.1016/j.jksus.2020.01.043
Girija S.P.; Rao R.	Robust adaptive autoregressive weighted constant modulus algorithm for blind equalization in MIMO-OFDM system	2020	Proceedings - 3rd International Conference on Information and Computer			9092152	500	506	10.1109/ICICT50521.2020.00096
Balla C.S.; Ramesh A.; Kishan N.; Rashad A.M.; Abdelrahman Z.M.A.	Bioconvection in oxytactic microorganism-saturated porous square enclosure with thermal radiation impact	2020	Journal of Thermal Analysis and Calorimetry	140	5		2387	2395	10.1007/s10973-019-09009-7
Udayalaxmi S.; Gangula M.R.; Ravikiran K.; Ettaiah P.	Investigation of manganese metal coordination in proteins: a comprehensive PDB analysis and quantum mechanical study	2020	Structural Chemistry	31	3		1057	1064	10.1007/s11224-020-01488-x

Panchal N.K.; Bhale A.; Chowdary R.; Verma V.K.; Beevi S.S.	PCR amplifiable DNA from breast disease FFPE section for mutational analysis	2020	Journal of Biomolecular Techniques	31	1		1	6	10.7171/jbt.20-3101-001
Reddy R.J.; Kumar J.J.; Kumari A.H.; Krishna G.R.	Pd-Catalyzed Annulation of $\beta$ -Iodovinyl Sulfones with 2-Halophenols: A General Route for the Synthesis of 3-Sulfonyl Benzofuran Derivatives	2020	Advanced Synthesis and Catalysis	362	6		1317	1322	10.1002/adsc.201901550
Vyshnava S.S.; Pandluru G.; Kanderi D.K.; Panjala S.P.; Banapuram S.; Paramasivam K.; Anupalli R.R.; Bontha R.R.; Dowlatabad M.R.	Gram scale synthesis of QD450 core-shell quantum dots for cellular imaging and sorting	2020	Applied Nanoscience (Switzerland)	10	4		1257	1268	10.1007/s13204-020-01261-w
Subhash D.; Bhaskar K.	Design, Synthesis, Molecular Docking, and Antimicrobial Activity of N-((E)-[2-(Morpholin-4-yl)quinolin-3-yl]methylidene)aniline Derivatives	2020	Russian Journal of Organic Chemistry	56	3		498	503	10.1134/S1070428020030203
Ashok D.; Ram Reddy M.; Nagaraju N.; Dharavath R.; Ramakrishna K.; Gundu S.; Shravani P.; Sarasija M.	Microwave-assisted synthesis and in vitro antiproliferative activity of some novel 1,2,3-triazole-based pyrazole aldehydes and their benzimidazole derivatives	2020	Medicinal Chemistry Research	29	4		699	706	10.1007/s00044-020-02515-6
Bankupalli N.; Gunda S.K.; Shaik M.	Comparative modeling of sodium-and chloride-dependent GABA transporter 1 and docking studies with natural compounds	2020	Journal of Applied Biology and Biotechnology	8	2		12	21	10.7324/JABB.2020.80203
Sanyal J.; Anirudhan A.; Banerjee T.K.; Guha G.; Ramakrishnan Veerabathiran; Murugesan R.; Ahmed S.S.J.S.; Rao V.R.	PARK2 and PARK7 Gene Polymorphisms as Risk Factors Associated with Serum Element Concentrations and Clinical Symptoms of Parkinson's Disease	2020	Cellular and Molecular Neurobiology	40	3		357	367	10.1007/s10571-019-00734-z
Gavash Harsha K.; Madhu C.; Puvvada N.; Ramachandra Rao Baggi T.; Jayathirtha Rao V.; Reddy Chereddy N.	A Naked Eye and Turn-On Fluorescence Detection of Zn <sup>2+</sup> Ion by Imidazole-Quinoline-Based Fluorophore and Its Application in Live-Cell Imaging	2020	ChemistrySelect	5	20		6059	6065	10.1002/slct.202001109

Vamsikrishna N.; Daravath S.; Ganji N.; Pasha N.; Shivaraj	Synthesis, structural characterization, DNA interaction, antibacterial and cytotoxicity studies of bivalent transition metal complexes of 6-aminobenzothiazole Schiff base	2020	Inorganic Chemistry Communications	113		107767			10.1016/j.inoch.2020.107767
Radha P.; Urla R.	Cloning and characterization of mannose binding jacalin related lectin encoding gene from Indian Cycas (Cycas annaikalensis Singh and Radha)	2020	Journal of Plant Biochemistry and Biotechnology	29	2		314	322	10.1007/s13562-019-00513-3
Bhattacharjee S.	Effects of magnetic field on the radiation pressure-dominated discs around neutron stars	2020	Modern Physics Letters A	35	15	2050125			10.1142/S0217732320501254
Sumalatha M.; Reddy S.S.K.; Reddy M.S.; Sripada S.; Reddy P.V.; Ch G.R.; Reddy P.Y.; Reddy V.R.	Effect of indium substitution on structural and hyperfine parameters of CoFe <sub>2</sub> O <sub>4</sub>	2020	AIP Conference Proceedings	2220		110038			10.1063/5.0002582
Varaprasad K.; Jayaramudu T.; Kanikireddy V.; Toro C.; Sadiku E.R.	Alginate-based composite materials for wound dressing application:A mini review	2020	Carbohydrate Polymers	236		116025			10.1016/j.carbpol.2020.116025
Kumar R.N.; Bhima B.; Kumar P.U.; Ghosh S.	Bio-control of Salmonella spp. in carrot salad and raw chicken skin using lytic bacteriophages	2020	LWT	122		109039			10.1016/j.lwt.2020.109039
Nemala A.R.; Chigurupati S.; Selvarajan K.K.; Bhatia S.; Pingali S.; Sadula A.	Identification, synthesis, and characterization of ?-isomer as process related impurity in production of methocarbamol from guaifenesin	2020	Journal of Applied Pharmaceutical Science	10	5	502	10	15	10.7324/JAPS.2020.10502
Dharavath R.; Nagaraju N.; Reddy M.R.; Ashok D.; Sarasija M.; Vijjulatha M.; Vani T.; Jyothi K.; Prashanthi G.	Microwave-assisted synthesis, biological evaluation and molecular docking studies of new coumarin-based 1,2,3-triazoles	2020	RSC Advances	10	20		11615	11623	10.1039/d0ra01052a

Jannapu Reddy R.; Waheed M.; Rama Krishna G.	Phenylboronic acid-catalyzed tandem construction of S-S and C-S bonds: a new method for the synthesis of benzyl disulfanyl sulfone derivatives from S-benzyl thiosulfonates	2020	Organic and Biomolecular Chemistry	18	17		3243	3248	10.1039/d0ob00442a
Ayodhya D.; Veerabhadram G.	Green synthesis of garlic extract stabilized Ag@CeO <sub>2</sub> composites for photocatalytic and sonocatalytic degradation of mixed dyes and antimicrobial studies	2020	Journal of Molecular Structure	1205		127611			10.1016/j.molstruc.2019.127611
Mahboob S.; Rizwana; Prasad G.; Kumar G.S.	Enhanced dielectric and piezoelectric properties in multi-ferroic ceramics [Ba(Nd <sub>0.1</sub> Ti <sub>0.8</sub> Nb <sub>0.1</sub> )O <sub>3</sub> ](1-x)[Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> ] <sub>x</sub>	2020	SN Applied Sciences	2	4	783			10.1007/s42452-020-2566-x
Naik L.S.; Devi C.V.R.	Induction of extrinsic and intrinsic apoptosis in cervical cancer cells by Momordica dioica mediated gold nanoparticles	2020	IET Nanobiotechnology	14	2		172	179	10.1049/iet-nbt.2019.0075
Venkataswamy P.; Sudheera M.; Vaishnavi K.; Ramaswamy K.; Ravi G.; Vithal M.	A New Ag/AgBr/LaAlO <sub>3</sub> Plasmonic Composite: Synthesis, Characterization, and Visible-Light Driven Photocatalytic Activity	2020	Journal of Electronic Materials	49	4		2358	2370	10.1007/s11664-019-07938-5
Hassanpour M.	Processing and recycling of plastics around the world: A review	2020	Advances in Environmental Research. Volume 71				1	38	
Soni P.; Gangurde S.S.; Ortega-Beltran A.; Kumar R.; Parmar S.; Sudini H.K.; Lei Y.; Ni X.; Huai D.; Fountain J.C.; Njoroge S.; Mahuku G.; Radhakrishnan T.; Zhuang W.; Guo B.; Liao B.; Singam P.; Pandey M.K.; Bandyopadhyay R.; Varshney R.K.	Functional Biology and Molecular Mechanisms of Host-Pathogen Interactions for Aflatoxin Contamination in Groundnut (Arachis hypogaea L.) and Maize (Zea mays L.)	2020	Frontiers in Microbiology	11		227			10.3389/fmicb.2020.00227
Venkateshwara Rao J.	Docking and structural validation of analgesic peptide muteins with opioid receptors	2020	International Journal of Advanced Science and Technology	29	8 Special Issue		1117	1127	

Raghavender M.; Kumar A.K.; Sunitha V.; Vishnu T.; Jalapathi P.	Synthesis and Cytotoxicity of Chalcone Based 1,2,3-Triazole Derivatives	2020	Russian Journal of General Chemistry	90	4		697	702	10.1134/S1070363220040210
Radhika T.; Vijay A.; Harinadha B.V.; Madhavareddy B.	Design, Synthesis, Molecular Docking Studies, and Biological Evaluation of Pyrazoline Incorporated Isoxazole Derivatives	2020	Russian Journal of Bioorganic Chemistry	46	3		429	437	10.1134/S1068162020030152
Kota V.R.; Gundra S.R.; Vudem D.R.; Pulugurtha B.K.; Khareedu V.R.	Development of a large population of activation-tagged mutants in an elite indica rice variety	2020	Plant Breeding	139	2		328	343	10.1111/pbr.12780
Boda N.; Naidu K.C.B.; Basha D.B.; Ravinder D.	Structural and Magnetic Properties of CdCoFe <sub>2</sub> O <sub>4</sub> Nanoparticles	2020	Journal of Superconductivity and Novel Magnetism	33	4		1039	1044	10.1007/s10948-019-05242-1
Vijayakumar Y.; Nagaraju P.; Yaragani V.; Parne S.R.; Awwad N.S.; Ramana Reddy M.V.	Nanostructured Al and Fe co-doped ZnO thin films for enhanced ammonia detection	2020	Physica B: Condensed Matter	581		411976			10.1016/j.physb.2019.411976
Thotla K.; Noole V.; Reddy C.K.	Synthesis and antimicrobial activity of a novel hybrid benzo[b]thiophene-1,2,3-triazole analogues	2020	Chemical Data Collections	27		100361			10.1016/j.cdc.2020.100361
Gopal D.; Naik S.H.S.; Kishan N.; Raju C.S.K.	The impact of thermal stratification and heat generation/absorption on MHD carreau nano fluid flow over a permeable cylinder	2020	SN Applied Sciences	2	4	639			10.1007/s42452-020-2445-5
Shankaraiah P.; Bhavani A.K.D.; Kumar A.K.; Ramakrishna K.	Synthesis and Cytotoxicity of Quinazolin-4(3H)-one Based Peptides	2020	Russian Journal of General Chemistry	90	4		720	724	10.1134/S1070363220040246



Mandal S.; Bhattacharjee S.; Pacif S.K.J.; Sahoo P.K.	Accelerating universe in hybrid and logarithmic teleparallel gravity	2020	Physics of the Dark Universe	28		100551			10.1016/j.dark.2020.100551
Bhattacharjee S.; Sahoo P.K.	Comprehensive analysis of a non-singular bounce in f(R,T) gravitation	2020	Physics of the Dark Universe	28		100537			10.1016/j.dark.2020.100537
Ramadass G.; Kishoor K.; Laxmi G.U.; Mathur R.R.	Structural controls and geomorphology on the occurrence of kimberlitic rocks in parts of Bhima – Krishna - Musi River Basins, Telangana State, India - A Review	2020	Indian Journal of Geosciences	74	2		160	169	
Mahesh R.; Reddy P.V.	Electronic, Structural, and Magnetic Properties of Hole-Doped Iron-Based Superconductors Using First Principle Study	2020	Journal of Superconductivity and Novel Magnetism	33	4		921	930	10.1007/s10948-019-05290-7
Iyer G.; Utage P.; Bailur S.; Utage A.; Srirambhatla A.; Hasan Q.	Familial Acute Necrotizing Encephalopathy: Evidence From Next Generation Sequencing of Digenic Inheritance	2020	Journal of Child Neurology	35	6		393	397	10.1177/0883073820902308
Chandra Shekhar C.H.N.P.V.; Ram Nikhil Ikshwak V.; Ganendra Murthy K.N.; Deepthi K.V.B.L.	Design and Simulation of Horn Fed Parabolic Reflector Antenna	2020	Proceedings of the International Conference on Intelligent Computing and			9121125	19	25	10.1109/ICICCS48265.2020.9121125
Madduluri V.R.; Narsinga R.; Mallesh D.; Mahesh Kumar P.; Barapati S.; Bojja S.; Rama Rao K.S.	Improved catalytic properties of Co <sub>3</sub> O <sub>4</sub> -impregnated La <sub>2</sub> O <sub>3</sub> /MgO over Co <sub>3</sub> O <sub>4</sub> /MgO catalyst in the oxidative dehydrogenation of ethylbenzene	2020	Research on Chemical Intermediates	46	3		1881	1907	10.1007/s11164-019-04070-1
Rupireddy V.; Chittireddy V.R.R.; Dongamanti A.	An Efficient Approach for the Synthesis of Triazole Conjugated Pyrazole Chalcone Derivatives	2020	Chemistry Africa	3	1		45	52	10.1007/s42250-019-00103-9

Mokenapelli S.; Thalari G.; Vadiyaala N.; Yerrabelli J.R.; Irlapati V.K.; Gorityala N.; Sagurthi S.R.; Chitneni P.R.	Synthesis, cytotoxicity, and molecular docking of substituted 3-(2-methylbenzofuran-3-yl)-5-(phenoxy)methyl-1,2,4-oxadiazoles	2020	Archiv der Pharmazie	353	6	2000006			10.1002/ardp.202000006
Ambala A.; Lincoln C.A.	Synthesis, characterization, antimicrobial activity and DNA cleavage study of (E)-2-(((2-(p-Tolyloxy)Quinolin-3-yl)methylene)amino)benzenethiol Schiff base metal complexes	2020	Chemical Data Collections	27		100372			10.1016/j.cdc.2020.100372
Sirgamalla R.; Kommakula A.; Konduru S.; Ponakanti R.; Devaram J.; Boda S.	Copper-catalyzed an efficient synthesis, characterization of 2-substituted benzoxazoles, 2-substituted benzothiazoles derivatives and their anti-fungal activity	2020	Chemical Data Collections	27		100362			10.1016/j.cdc.2020.100362
Ganesh K.; Kumar N.P.; Reddy Y.S.; Lalitha G.	Investigation of magnetic behavior of a composite made of a soft and hard magnetic material	2020	AIP Conference Proceedings	2220		110041			10.1063/5.0001608
Narsimha K.; Babu M.S.; Anuradha N.; Guda S.; Kumar B.K.; Mallesh D.; Upender G.; Reddy P.M.; Kumar B.V.	Preparation and characterization of CdWO <sub>4</sub> :Cu nanorods with enhanced photocatalytic performance under sunlight irradiation	2020	New Journal of Chemistry	44	6		2380	2388	10.1039/c9nj05763c
Abdul Khadeer S.K.; Ramesh Babu P.; Surender Rao K.; Seshu Kumar A.	Evaluation of Microstructural and Mechanical Properties of Friction Welded AISI 4140 Grade Steel Pipes	2020	Learning and Analytics in Intelligent Systems	2			673	681	10.1007/978-3-030-24314-2_79
Bukya R.; Mangu B.; Jayaprakash A.; Ramesh J.	A Study on Current-fed Topology for Wireless Resonant Inductive Power Transfer Battery Charging System of Electric Vehicle	2020	2020 International Conference on Power Electronics and IoT Applications			9087207	415	421	10.1109/PARC49193.2020.236644
Aditya Kumar K.; Pabboju S.	Text Steganography: Design and Implementation of a Secure and Secret Message Sharing System	2020	Learning and Analytics in Intelligent Systems	3			470	479	10.1007/978-3-030-24322-7_58

Mallesham G.; Siva Kumar C.H.	Power Quality Improvement of Weak Hybrid PEMFC and SCIG Grid Using UPQC	2020	Learning and Analytics in Intelligent Systems	4			406	413	10.1007/978-3-030-24318-0_49
Nagarjuna M.; Gajanana S.; Krishnaiah A.	Investigation of the Process Parameters on Hot Rolling of Al 7178-SiC Metal Matrix	2020	Learning and Analytics in Intelligent Systems	2			690	696	10.1007/978-3-030-24314-2_81
Gugulothu R.; Bhalke S.V.; Naik A.A.; K L.; Dasari R.	Design and Development of High Performance Ceramic Packaging for Low Noise and High Gain GaAs MMIC	2020	Learning and Analytics in Intelligent Systems	4			235	242	10.1007/978-3-030-24318-0_28
Shasidhar Y.; Variath M.T.; Vishwakarma M.K.; Manohar S.S.; Gangurde S.S.; Sriswathi M.; Sudini H.K.; Dobariya K.L.; Bera S.K.; Radhakrishnan T.; Pandey M.K.; Janila P.; Varshney R.K.	Improvement of three popular Indian groundnut varieties for foliar disease resistance and high oleic acid using SSR markers and SNP array in marker-assisted backcrossing	2020	Crop Journal	8	1		1	15	10.1016/j.cj.2019.07.001
Mandala J.P.; Ahmad S.; Pullagurla A.; Thada S.; Joshi L.; Ansari M.S.S.; Valluri V.L.; Gaddam S.L.	Toll-like receptor 2 polymorphisms and their effect on the immune response to ESAT-6, Pam3CSK4 TLR2 agonist in pulmonary tuberculosis patients and household contacts	2020	Cytokine	126		154897			10.1016/j.cyto.2019.154897
Achayalingam B.; Rallapalli H.; Tirumala S.S.	Dynamic Neural Networks with Semi Empirical Model for Mobile Radio Path Loss Estimation	2020	Learning and Analytics in Intelligent Systems	4			119	129	10.1007/978-3-030-24318-0_15
Thallapalli N.; Balne V.K.G.; Padmalatha T.S.R.V.	Modelling of Surface Roughness and Tool Wear Rate During Turning of AISI 202 Stainless Steel	2020	Learning and Analytics in Intelligent Systems	2			748	756	10.1007/978-3-030-24314-2_88
Narayana P.; Parvataneni P.; Keerthi K.	A Research on Various Scheduling Strategies in Fog Computing Environment	2020	International Conference on Emerging Trends in Information Technology and			9077724			10.1109/ic-ETITE47903.2020.261

Babu Rao D.; Nageswara Rao D.	Ground Improvement Using Band Drains at Onshore Gas Terminal Near Kakinada (AP), India	2020	Learning and Analytics in Intelligent Systems	2			53	58	10.1007/978-3-030-24314-2_8
Dhananjay B.; Srinivas M.; Suman D.; Malini M.; Sivaraman J.	Fractal Dimension of Fundoscopic Retinal Images for Diagnosing of Diabetic Retinopathy	2020	Learning and Analytics in Intelligent Systems	3			23	30	10.1007/978-3-030-24322-7_4
K. P.; T. S.; B. S.; T. M.K.; A. J.	Maternal gastric intrinsic factor A68G and paternal cubilin C758T variants increase the risk for neural tube defects in the fetus: A family-triad study from South India	2020	Meta Gene	23		100627			10.1016/j.mgene.2019.100627
Nageshwar K.	Six months of YSRCP rule in Andhra Pradesh	2020	Economic and Political Weekly	55	3		20	23	
Boda N.; Naidu K.C.B.; Mujasambatoo K.; Joice G.H.; Naik J.L.; Ravinder D.	Structural, morphological and electronic properties of cadmium cobalt ferrite nanoparticles	2020	Biointerface Research in Applied Chemistry	10	1		4752	4763	10.33263/BRIAC101.752763
Kuchulakanti H.; Paidimarry C.	Early Stage Squamous Cell Lung Cancer Detection	2020	Learning and Analytics in Intelligent Systems	3			115	121	10.1007/978-3-030-24322-7_15
Raju M.; Shivakumar I.R.; Siva Rama Krishna L.; Sandeep D.	Sensitivity Study of the Parameters Affecting Pressure Recovery in a Two Stage Jet Pipe Electro Hydraulic Servo Valve	2020	Learning and Analytics in Intelligent Systems	2			697	702	10.1007/978-3-030-24314-2_82
Vijender Reddy S.; Manjula M.	Calculation of Voltages and Power Losses with Multiple DG Units with Change of Load	2020	Learning and Analytics in Intelligent Systems	4			335	344	10.1007/978-3-030-24318-0_41

Satyasree R.K.; Sai Durga A.S.V.; Nanubolu J.B.; Balasubramanian S.	Two novel poly-morphic forms of iron-chelating agent deferiprone	2020	Acta Crystallographica Section C: Structural Chemistry	76			193	200	10.1107/S2053229620000959
Sravanthi B.; Aravind K.A.; Nirgude P.; Manjula M.; Kamaraju V.	Condition Assessment of Composite Insulator Removed from Service	2020	Learning and Analytics in Intelligent Systems	4			398	405	10.1007/978-3-030-24318-0_48
Rambabu A.; Pradeep Kumar M.; Ganji N.; Daravath S.; Shivaraj	DNA binding and cleavage, cytotoxicity and antimicrobial studies of Co(II), Ni(II), Cu(II) and Zn(II) complexes of 1-((E)-(4-(trifluoromethoxy)phenylimino)methyl)naphthalen-2-yl Schiff base	2020	Journal of Biomolecular Structure and Dynamics	38	1		307	316	10.1080/07391102.2019.1571945
Rajeshwari K.; Vasantha P.; Kumar B.S.; Shekhar B.; Lakshmi P.V.A.	Water Soluble Nickel – metformin ternary complexes: Thermal, DNA binding and molecular docking studies	2020	Applied Organometallic Chemistry	34	3	e5351			10.1002/aoc.5351
Kodali S.B.; Jakku N.R.; Kamatala C.R.; Yerraguntla R.R.	Kinetics and mechanism of quinolinium dichromate mediated oxidation of sugar alcohols in Bronsted acid media	2020	International Journal of Chemical Kinetics	52	3		167	177	10.1002/kin.21339
Bollepalli N.; Penu R.	Mahaviracharya Encryption Algorithm (MEA) with Modified Counter Mode and Comparing with AES Algorithm	2020	Learning and Analytics in Intelligent Systems	3			139	146	10.1007/978-3-030-24322-7_18
Rachuru S.; Geelan D.; Vandanapu J.	Is interfacial tension of a liquid-air interface thermodynamically a cyclic process?	2020	Journal of Molecular Liquids	298		112138			10.1016/j.molliq.2019.112138
Naresh P.; Padmaja A.; Kumar K.S.	Influence of zinc oxide addition on the biological activity and electrical transport properties of TeO <sub>2</sub> -Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> glasses	2020	Materialia	9		100575			10.1016/j.mtla.2019.100575

Usha Sri P.; Jeevesh C.	Performance Analysis of a Horizontal Axis Wind Lens Wind Turbine	2020	Learning and Analytics in Intelligent Systems	2			440	448	10.1007/978-3-030-24314-2_53
Kolluri P.K.; Gurrapu N.; Subhashini N.J.P.; Putta S.; Singh S.S.; Vani T.; Manga V.	Design, synthesis of novel (Z)-2-(3-(4-((3-benzyl-2,4-dioxothiazolidin-5-ylidene)methyl)-1-phenyl-1H-pyrazol-3-yl)phenoxy)-N-arylacetamide derivatives: Evaluation of cytotoxic activity and molecular docking studies	2020	Journal of Molecular Structure	1202		127300			10.1016/j.molstruc.2019.127300
Venkatesh S.; Rahul S.H.; Balasubramanian K.	Inkjet printing yttria stabilized zirconia coatings on porous and nonporous substrates	2020	Ceramics International	46	3		3994	3999	10.1016/j.ceramint.2019.09.298
Sanjeev R.; Ravi R.; Jagannadham V.	Attenuation Effect as a Tool to Explain sp <sup>3</sup> Carbon (–CH <sub>2</sub> –) is a Good Electron Insulator and a sp <sup>2</sup> Carbon (–CH=CH–) is a Good Electron Transmitter: An Undergraduate 1-h Chemistry Classroom Tutorial	2020	National Academy Science Letters	43	1		5	8	10.1007/s40009-019-00804-2
Peddi S.R.; Peddi S.R.; Sivan S.; Veerati R.; Manga V.	Integrated molecular docking, 3D QSAR and molecular dynamics simulation studies on indole derivatives for designing new Pim-1 inhibitors	2020	Journal of Receptors and Signal Transduction	40	1		1	14	10.1080/10799893.2020.1713809
Madhunala S.; Rallapalli H.	Throughput and Spectrum Sensing Trade-Off by Incorporating Self-interference Suppression for Full Duplex Cognitive Radio	2020	Learning and Analytics in Intelligent Systems	4			130	138	10.1007/978-3-030-24318-0_16
Kusampally U.; Dhachapally N.; Kola R.; Kamatala C.R.	Zeolite anchored Zr-ZSM-5 as an eco-friendly, green, and reusable catalyst in Hantzsch synthesis of dihydropyridine derivatives	2020	Materials Chemistry and Physics	242		122497			10.1016/j.matchemphys.2019.12.2497
Mohammed A.F.; Qyser A.A.M.	A Survey on Security Mechanisms in IoT	2020	International Conference on Emerging Trends in Information Technology and			9077819			10.1109/ic-ETITE47903.2020.172

Sharaf Addin M.; Al-Shehabi S.	Developing Social-Media Based Text Corpus for San'ani Dialect (SMTCS D)	2020	Learning and Analytics in Intelligent Systems	3			491	500	10.1007/978-3-030-24322-7_60
Narasimha Rao S.; Ram Kumar P.	Time Series Data Mining in Cloud Model	2020	Learning and Analytics in Intelligent Systems	3			237	244	10.1007/978-3-030-24322-7_31
Khadeer S.A.; Babu P.R.; Kumar B.R.; Kumar A.S.	Influence of Upset Pressure on Microstructure and Mechanical Properties of Friction-Welded AISI 4140 Low Alloy Steel Pipes	2020	Transactions of the Indian Institute of Metals	73	2		465	478	10.1007/s12666-019-01858-y
Venkateswarlu G.; Ramesh Kumar K.; Gopi G.; Janardhan Reddy T.A.	Estimation of the Grain Size Number and Microstructure Analysis of AA6061 Alloy Flow Formed Tubes	2020	Learning and Analytics in Intelligent Systems	2			757	766	10.1007/978-3-030-24314-2_89
Venu D.; Koteswara Rao N.V.	Compressed Sensing Based Mixed Noise Cancellation in Passive Bistatic Radar	2020	Learning and Analytics in Intelligent Systems	9			389	404	10.1007/978-3-030-38501-9_39
Devi C.S.; Omprakash J.; Malathi A.R.; Kumar G.S.; Prasad G.	Influence of distortions and tolerance factor on the structure of ABO <sub>3</sub> type perovskites and complex perovskites	2020	Ferroelectrics	554	1		172	186	10.1080/00150193.2019.1684759
Battu L.; Ulaganathan K.	Whole genome sequencing and identification of host-interactive genes in the rice endophytic Leifsonia sp. ku-ls	2020	Functional and Integrative Genomics	20	2		237	243	10.1007/s10142-019-00713-z
Rambabu A.; Ganji N.; Daravath S.; Venkateswarlu K.; Rangan K.; Shivaraj	Mononuclear Co(II), Ni(II) and Cu(II) complexes of the Schiff base, 2-(((4-trifluoromethoxy)phenylimino)methyl)-6-tert-butylphenol: Synthesis, spectroscopic characterization, X-ray study and biological evaluation	2020	Journal of Molecular Structure	1199		127006			10.1016/j.molstruc.2019.127006

Hima Varsha N.; Saraswathamma K.	Effect of Aluminum Powder Suspended Dielectric and Silver Coated Copper Electrode on Electrical Discharge Machining Characteristics of Inconel 718	2020	Learning and Analytics in Intelligent Systems	2			682	689	10.1007/978-3-030-24314-2_80
Deshineni R.; Velpula R.; Koppu S.; Pilli J.; Chellamella G.	One-pot multi-component synthesis of novel ethyl-2-(3-((2-(4-(4-aryl)thiazol-2-yl)hydrazono)methyl)-4-hydroxy/isobutoxyphenyl)-4-methylthiazole-5-carboxylate derivatives and evaluation of their in vitro antimicrobial activity	2020	Journal of Heterocyclic Chemistry	57	3		1361	1367	10.1002/jhet.3872
Sakram B.; Kurumanna A.; Ravi D.; Madhu P.; Narsaiah B.; Ramesh M.	Synthesis of new N-phenyl-3-aryl-1,8-naphthyridin-2-amines and 4-((3-aryl-1,8-naphthyridin-2-yl)amino) phenols and their biological and molecular docking studies	2020	Chemical Data Collections	25		100313			10.1016/j.cdc.2019.100313
Madhu Krishna K.; Naveen Kumar P.; Naraiah R.	Prediction of Differential GPS Corrections Using AR and ARMA Models	2020	Learning and Analytics in Intelligent Systems	4			290	298	10.1007/978-3-030-24318-0_35
Sri M.S.; Rajendra Naik B.; Jayasankar K.	Object Tracking using Motion Estimation based on Block Matching Algorithm	2020	Proceedings of the 5th International Conference on Inventive Computation			9112511	519	522	10.1109/ICICT48043.2020.9112511
Rajender G.; Markandeya Y.; Suresh K.; Singh A.K.; Bhikshamaiah G.	Correlation among the crystal structure, degree of ordering, magnetization and magnetoresistance studies of SrBaFexMo2?xO6 (0.8 ? x ? 1.4) double perovskites	2020	Journal of Materials Science: Materials in Electronics	31	4		2877	2886	10.1007/s10854-019-02832-6
Nageshwar Rao B.; Laxmi Srinivasa Reddy D.; Bhaskar G.	Thyroid Diagnosis Using Multilayer Perceptron	2020	Learning and Analytics in Intelligent Systems	3			452	459	10.1007/978-3-030-24322-7_56
Naresh R.; Rajendra Prasad V.B.S.; Venkata Rao G.	Static and Fatigue Analysis of Leaf Spring with EPDM Rubber Sandwiched Between the Steel Leaves	2020	Learning and Analytics in Intelligent Systems	2			739	747	10.1007/978-3-030-24314-2_87



Veeraswamy G.; Nagendra Rao B.H.; Venkataiah M.	Geology, geochemistry and genesis of manganese ore deposits of Vizianagaram district, Andhra Pradesh, India	2020	International Journal of Advanced Science and Technology	29	2		3800	3817	
Kalakanda R.R.M.; RaviKumar J.	Dodecahedron Model for Storage of Unstructured Data	2020	Learning and Analytics in Intelligent Systems	3			358	365	10.1007/978-3-030-24322-7_46
Ayodhya D.; Veerabhadram G.	UV-light-driven photocatalytic degradation and antimicrobial properties of efficient ternary semiconductor CdxAg1-xS nanocomposites	2020	Inorganic and Nano-Metal Chemistry	50	2		43	56	10.1080/24701556.2019.1661467
Mrutyunjay A.; Kondrakunta P.; Rallapalli H.	Non-max Suppression for Real-Time Human Localization in Long Wavelength Infrared Region	2020	Learning and Analytics in Intelligent Systems	4			166	174	10.1007/978-3-030-24318-0_20
Vishnu Pramod Teja G.; Saraswathamma K.; Padmalatha T.S.R.V.	Machining Characteristics of Electro Discharge Machining on NIMONIC 80A by Response Surface Methodology	2020	Learning and Analytics in Intelligent Systems	2			645	652	10.1007/978-3-030-24314-2_76
Tsihrintzis G.A.; Satapathy S.C.; Molugaram K.; Krishnaiah A.; Raju K.S.	Preface	2020	Learning and Analytics in Intelligent Systems	3			xiii		10.1016/B978-0-88415-752-6.50002-3
Siva Rama Krishna L.; Vanapalli S.D.; Venkatesh S.; Potturi A.	Orbital Volume Analysis of Midfacial Fractures Using Additive Manufacturing Technologies	2020	Learning and Analytics in Intelligent Systems	2			559	567	10.1007/978-3-030-24314-2_67
Srilatha N.; Priyanka Rathod B.; Yesuratnam G.	Machine Learning Based Prediction Model for Monitoring Power System Security	2020	Learning and Analytics in Intelligent Systems	4			443	450	10.1007/978-3-030-24318-0_53

Uday Kiran K.L.; Abbas S.Z.; Saraswathamma K.; Chandra Mohan Reddy G.; Prasad A.M.K.	Parametric Optimization During Wire EDM Taper Cutting on AISI D2 Steel Using Desirability Function	2020	Learning and Analytics in Intelligent Systems	2			568	576	10.1007/978-3-030-24314-2_68
Sai Lalitha B.; Malini M.; Venkateswara Rao M.; Suryadevara A.; Kotcherlakota R.; Patra C.R.	Correlation Between Serum Levels of p53 During Radiotherapy in Cervical Cancer Patients	2020	Learning and Analytics in Intelligent Systems	3			91	96	10.1007/978-3-030-24322-7_12
Kadasi S.; Yerroju R.; Gaddam S.; Pullanagiri N.; Chary M.; Pingili D.; Raj S.; Raghavendra N.M.	Discovery of N-pyridoyl- $\beta$ -pyrazolines as Hsp90 inhibitors	2020	Archiv der Pharmazie	353	2	1900192			10.1002/ardp.201900192
Mulam H.; Mudigonda M.	EOG-based eye movement recognition using GWO-NN optimization	2020	Biomedizinische Technik	65	1		11	22	10.1515/bmt-2018-0109
Mahesh K.; Ravi K.; Rathod P.K.; Leelavathi P.	Convenient synthesis of quinoline-fused triazolotriazine/oxepine derivatives through Pd-catalyzed C-H functionalisation of triazoles	2020	New Journal of Chemistry	44	6		2367	2373	10.1039/c9nj05254b
Mahboob S.; Rizwana; Prasad G.; Kumar G.S.	New higher temperature and high performance barium titanate and sodium bismuth titanate based piezoelectric ceramics	2020	Ferroelectrics	554	1		150	159	10.1080/00150193.2019.1684757
Venkateswarlu D.; Venkatesh S.; Saraswathamma K.; Sanganabhatla S.B.; Vanapalli S.D.	Evaluation of Wear Rate of Different Liner Materials Used in Bunkers and Silos Using Dry Abrasion Wear Test	2020	Learning and Analytics in Intelligent Systems	2			712	720	10.1007/978-3-030-24314-2_84
Tsihrintzis G.A.; Satapathy S.C.; Molugaram K.; Krishnaiah A.; Raju K.S.	Preface	2020	Learning and Analytics in Intelligent Systems	4			xiii		10.1016/B978-0-88415-752-6.50002-3

Rujhan A.M.; Kishore R.	Analysis and Design of High-Rise Building Using Diagrid Structural System	2020	Learning and Analytics in Intelligent Systems	2			195	205	10.1007/978-3-030-24314-2_26
Nandeppanavar M.M.; Srinivasulu T.; Bandari S.	MHD flow and heat transfer analysis of Newtonian and non-Newtonian nanofluids due to an inclined stretching surface	2020	Multidiscipline Modeling in Materials and Structures	16	1		134	155	10.1108/MMMS-11-2018-0192
Shiva Krishna Prasad A.; Susheela N.	Hardware In Loop Simulation of Advanced Aerospace Vehicle	2020	Learning and Analytics in Intelligent Systems	4			481	489	10.1007/978-3-030-24318-0_57
Narasimha V.; Sujatha	An Efficient Classification Technique for Text Mining and Applications	2020	Learning and Analytics in Intelligent Systems	4			534	544	10.1007/978-3-030-24318-0_63
Bhogi A.; Kistaiah P.	Spectroscopic properties of alkali alkaline earth borate glasses doped with Fe <sup>3+</sup> ions	2020	Journal of the Australian Ceramic Society	56	1		127	138	10.1007/s41779-019-00426-3
Annapurna D.; Kishore R.; Anil K.	Effect of Different Aggregates on Alkali Silica Reaction of Geopolymer Concrete	2020	Learning and Analytics in Intelligent Systems	2			9	17	10.1007/978-3-030-24314-2_2
Tsahrintzis G.A.; Satapathy S.C.; Molugaram K.; Krishnaiah A.; Raju K.S.	Preface	2020	Learning and Analytics in Intelligent Systems	2			xiii		10.1016/B978-0-88415-752-6.50002-3
Varadaraj P.K.; D S.; N R.K.; Padya B.; Jain P.K.	Xylitol Based Phase Change Material with Graphene Nano Platelets as Fillers for Thermal Energy Management	2020	Learning and Analytics in Intelligent Systems	2			551	558	10.1007/978-3-030-24314-2_66

Kavitha D.; Naveen Kumar P.; Praveena K.	Comparison of VTEC Due to IRI-2016 Model and IRNSS over Low Latitude Region	2020	Learning and Analytics in Intelligent Systems	4			320	326	10.1007/978-3-030-24318-0_39
Nagar H.; Sahu N.; Basava Rao V.V.; Sridhar S.	Surface modification of sulfonated polyethersulfone membrane with polyaniline nanoparticles for application in direct methanol fuel cell	2020	Renewable Energy	146			1262	1277	10.1016/j.renene.2019.06.175
Alluri S.; Rajendra Naik B.; Reddy N.S.S.; Venkata Ramanaiah M.	Performance Analysis of VLSI Circuits in 45 nm Technology	2020	Learning and Analytics in Intelligent Systems	4			281	289	10.1007/978-3-030-24318-0_34
Vuradi R.K.; Nambigari N.; Pendyala P.; Gopu S.; Kotha L.R.; Deepika G.; Vinoda Rani M.; Sirasani S.	Study of Anti-Apoptotic mechanism of Ruthenium (II)Polypyridyl Complexes via RT-PCR and DNA binding	2020	Applied Organometallic Chemistry	34	3	e5332			10.1002/aoc.5332
Yadavalli V.D.N.; Kokkiralra S.; Avudoddi V.	Recent research advances in the aqueous phase synthesis of pyrroles	2020	Pyrrole: Synthesis and Applications				45	69	
Sharaf Addin M.; Al-Shehabi S.	Correction to: Developing Social-Media Based Text Corpus for San'ani Dialect (SMTCS D) (Advances in Decision Sciences, Image Processing, Security and Computer Vision, LAIS, (2019) 3, 10.1007/978-3-030-24322-7_60)	2020	Learning and Analytics in Intelligent Systems	3			C1		10.1007/978-3-030-24322-7_93
Mahesh C.	The 3-point quadrature rules with constant weight function	2020	Asian-European Journal of Mathematics	13	2	2050041			10.1142/S1793557120500412
Saturi R.; Prem Chand P.	Implementation of Efficient Segmentation Method for Histopathological Images	2020	Proceedings of the 5th International Conference on Inventive Computation			9112386	419	423	10.1109/ICICT48043.2020.9112386

Thota S.P.; Peddapelli S.K.	A New Topology of Interline Unified Power-Quality Conditioner for Multi Feeder System	2020	Learning and Analytics in Intelligent Systems	4			507	519	10.1007/978-3-030-24318-0_60
Alle M.; G B.R.; Kim T.H.; Park S.H.; Lee S.-H.; Kim J.-C.	Doxorubicin-carboxymethyl xanthan gum capped gold nanoparticles: Microwave synthesis, characterization, and anti-cancer activity	2020	Carbohydrate Polymers	229		115511			10.1016/j.carbpol.2019.115511
Bindu B.B.V.; Srinath M.; Shailaja A.; Giri C.C.	Proteome analysis and differential expression by JA driven elicitation in <i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees using Q-TOF-LC-MS/MS	2020	Plant Cell, Tissue and Organ Culture	140	3		489	504	10.1007/s11240-019-01741-0
Ramesh G.; Daravath S.; Ganji N.; Rambabu A.; Venkateswarlu K.; Shivaraj	Facile synthesis, structural characterization, DNA binding, incision evaluation, antioxidant and antimicrobial activity studies of Cobalt(II), Nickel(II) and Copper(II) complexes of 3-amino-5-(4-fluorophenyl)isoxazole derivatives	2020	Journal of Molecular Structure	1202		127338			10.1016/j.molstruc.2019.127338
Sarada Devi M.S.N.G.; Yesuratnam G.	A Modified Algorithm for Power System State Estimation	2020	Learning and Analytics in Intelligent Systems	16			189	201	10.1007/978-3-030-46943-6_23
Naveena Bhargavi R.; Yesuratnam G.	Transient stability improvement using SSSC and STATCOM	2020	International Journal of Advanced Science and Technology	29	4		896	903	
Babu K.S.; Rajanna K.C.; Reddy J.N.; Reddy K.R.; Rao Y.R.	Kinetics and mechanism of quinolinium chlorochromate mediated oxidation of sugar alcohols in Bronsted acid media	2020	Chemical Data Collections	25		100332			10.1016/j.cdc.2019.100332
Rao Y.L.N.; Ravindranath G.	Intelligent Controllers for Direct Self Control-SVPWM using Sample Orientation Phase Voltages	2020	Proceedings of the 5th International Conference on Inventive Computation			9112471	989	993	10.1109/ICICT48043.2020.9112471

Yasmin Begum M.; Prathyusha Reddy G.	Heightening the solubility of poorly soluble fenofibrate by solid dispersion technique	2020	International Journal of Research in Pharmaceutical Sciences	11	1		663	668	10.26452/ijrps.v11i1.1873
Sai Lalitha B.; Malini M.; Venkateswar Rao M.; Mounika Sravani E.	Review on Regulation of Heat Shock Protein 70 During Radiotherapy in Cancer Patients	2020	Learning and Analytics in Intelligent Systems	16			175	181	10.1007/978-3-030-46943-6_21
Afreen S.; Begum A.; Saraswathi G.; Nuzha A.	Isolated Health Surveillance System Through IoT Using Raspberry Pi	2020	Learning and Analytics in Intelligent Systems	4			700	706	10.1007/978-3-030-24318-0_80
Sharada K.; Shankar B.	Effect of viscous dissipation on mhd mixed convection flow of hyperbolic tangent fluid over an exponentially stretching sheet with double slip and chemical reaction	2020	JP Journal of Heat and Mass Transfer	19	1		43	56	10.17654/HM019010043
Jyothsna S.; Radhika K.	Load Balancing in Cloud Through Multi Objective Optimization	2020	Learning and Analytics in Intelligent Systems	3			293	300	10.1007/978-3-030-24322-7_38
Kodandaram Reddy D.; Waghray K.; Sathyanarayana S.V.	Infrared Heating - A New Green Technology for Process Intensification in Drying of Purslane Leaves to Reduce the Thermal Losses	2020	Learning and Analytics in Intelligent Systems	2			466	475	10.1007/978-3-030-24314-2_56
Malothu R.; Arkanti K.	Numerical Simulation of Channel Angles and Their Combination Influence on Plastic Deformation Behaviour of Pure Al Processed by Equal Channel Angular Pressing	2020	Lecture Notes on Multidisciplinary Industrial Engineering	Part F166			451	458	10.1007/978-981-32-9487-5_36
Belly C.; Bonula S.P.; Kandukuri U.R.; Kuchulakanti H.	A Review on Methods of Treatment for Diabetic Foot Ulcer	2020	Learning and Analytics in Intelligent Systems	3			66	73	10.1007/978-3-030-24322-7_9

Al-Khiza'ay M.; Alallaq N.; Kamal F.Q.; Alshimmari T.N.; Liu T.	Top Personalized Reviews Set Selection Based on Subject Aspect Modeling	2020	Lecture Notes in Computer Science (including subseries Lecture Notes in	12275			276	287	10.1007/978-3-030-55393-7_25
Sanjeev R.; Jagannadham V.	Comparison of Substituent Effects in Benzenes (XC5H5C), Pyridines (XC5H4N) and Phosphorines (XC5H4P) and their Protonated Species	2020	World Journal of Chemical Education	8	4		155	162	10.12691/wjce-8-4-3
Timiri S.C.M.	Rise and decline of languages: A struggle for survival	2020	GLOCAL Conference Proceedings	2020-January			73	78	
Srivastava V.; Surekha Rani H.; Kumawat R.; Chaubey G.; Shrivastava P.	Genomic diversity of the Muslim population from Telangana (India) inferred from 23 autosomal STRs	2020	Annals of Human Biology	47	45481		652	658	10.1080/03014460.2020.1822915
Hassanpour M.	Evaluation of Iranian small and medium-sized industries using the dea based on additive ratio model – A review	2020	Facta Universitatis, Series: Mechanical Engineering	18	3		491	511	10.22190/FUME200426030H
Shaw P.	Understanding power: Communicating resistance	2020	Deleuzian and Guattarian Approaches to Contemporary Communication Cultures in India				73	88	10.1007/978-981-15-2140-9_5
Ramavathu B.; Bharathi A.	Design of Waveform for Airborne Radar in Sea Clutter Environment	2020	Learning and Analytics in Intelligent Systems	4			226	234	10.1007/978-3-030-24318-0_27
Pramod Kumar P.; Sagar K.	A Proficient and Smart Electricity Billing Management System	2020	Learning and Analytics in Intelligent Systems	3			156	160	10.1007/978-3-030-24322-7_20

Susheela N.; Satish Kumar P.	Evaluation of POD and APOD multicarrier SPWM techniques for three-phase seven-level diode clamped multilevel inverter fed induction motor drive using FPGA	2020	International Journal of Power Electronics	12	3		282	301	10.1504/IJPELEC.2020.110063
Srinivasa Rao B.; Premchand P.	An efficient cryptanalysis scheme for secure data storage system in cloud using optimal dual encryption algorithm	2020	International Journal of Services Operations and Informatics	10	3		222	241	10.1504/IJSOI.2020.108983
Polker A.; Padmavathi Y.; Kumar R.; Babu N.	Quantitative bioanalytical and analytical methods for estimation of ivabradine hydrochloride in pure and pharmaceutical dosage form	2020	Journal of Reports in Pharmaceutical Sciences	9	1		1	10	10.4103/jrptps.JRPTPS_110_19
Annapurna D.; Kishore R.	Influence of Alkali-Silica Reaction on Geopolymer Concrete	2020	Lecture Notes in Civil Engineering	68			61	71	10.1007/978-981-15-3361-7_5
Das B.; Salvanna N.; Kumar R.A.; Das R.	Our phytochemical research on parthenium hysterophorous	2020	Mini-Reviews in Organic Chemistry	17	7		843	854	10.2174/1570193X17666191218092812
Ali M.M.; Qaseem M.S.; Rasheed M.A.; Khan M.K.A.	ESMD: Enhanced Suspicious Message Detection Framework in Instant Messaging Applications	2020	Proceedings of the 4th International Conference on Inventive Systems and			9171122	777	784	10.1109/ICISC47916.2020.9171122
Badireddy S.; Bulusu V.S.N.H.; Mahesh R.; P. A.; Venugopal Reddy P.	Electronic, magnetic, and optical properties of Mn doped SnO <sub>2</sub> using Tran-Blaha's modified Becke-Johnson exchange potential study-A first principle study	2020	Proceedings of SPIE - The International Society for Optical Engineering	11503		1150312			10.1117/12.2569766
Shyamala; Ashok D.; Shyam P.	A novel validated gradient hplc method for analysing axitinib and their process related impurities by pda detection	2020	International Journal of Pharmaceutical Research	13	1		721	728	10.31838/ijpr/2021.13.01.107



Nagalingam S.; Nithya T.V.; Gayathri D.; Sagarika A.S.; Supriya G.; Vidya D.; Kiran Kumar B.; Rasool A.; Mir M.I.	Morphological, biochemical and plant growth promoting characterization of rhizobia isolated from root nodule of cajanus cajan l.	2020	Plant Archives	20			1293	1299	
Logakanthi S.; Kannah R.Y.; Banu J.R.	Analysis and regulation policies of food waste based on circular bioeconomies	2020	Food Waste to Valuable Resources: Applications and Management				389	400	10.1016/B978-0-12-818353-3.00018-3
Linga Swamy R.; Somanatham R.	Analysis of CMV Reduction Methods for Three-Level NPC Inverter Fed Induction Motor	2020	Learning and Analytics in Intelligent Systems	4			373	382	10.1007/978-3-030-24318-0_45
Banu R.; Ramakrishna D.; Reddy G.B.; Veerabhadram G.; Mangatayaru K.G.	Facile one-pot microwave-assisted green synthesis of silver nanoparticles using Bael gum: Potential application as catalyst in the reduction of organic dyes	2020	Materials Today: Proceedings	43			2265	2273	10.1016/j.matpr.2020.12.861
Vamshikrishna G.; Gurudatta K.S.S.; Ravindrannair P.; Equbal M.I.	Design and Analysis of Hydraulic Fixture for WABCO Body Housing	2020	Lecture Notes on Multidisciplinary Industrial Engineering	Part F166			773	781	10.1007/978-981-32-9487-5_64
Sukanya V.; Priya Reddy E.V.	Implementation Effects of E-ID Device in Smart Campus Using IoT	2020	Learning and Analytics in Intelligent Systems	3			268	276	10.1007/978-3-030-24322-7_35
Sekhara Reddy A.C.; Rajesham S.; Mahender T.	Experimental and Simulation Study in Deep Drawing of Circular Cups for Determination of LDR	2020	Learning and Analytics in Intelligent Systems	2			533	541	10.1007/978-3-030-24314-2_64
Kranthi Kumar R.; Sandhya R.; Laxman R.; Chandrakanth A.	LOS Rate Estimation Using Extended Kalman Filter	2020	Learning and Analytics in Intelligent Systems	4			36	43	10.1007/978-3-030-24318-0_5

Pagilla S.; Kumar A.K.; Sunitha V.; Bhavani A.K.D.	PEG-mediated synthesis of 6-pyrazinyl-/fused pyrazinylquinazolin-4(3H)-ones using Castro-Stephen coupling, oxidation and cyclocondensation reactions	2020	Journal of the Serbian Chemical Society	85	5		601	608	10.2298/JSC190517014P
Babu K.R.; Narender G.; Govardhan K.	MHD flow of an eyring-powell fluid with the effect of thermal radiation, joule heating and viscous dissipation	2020	Advances in Mathematics: Scientific Journal	9	11		9259	9271	10.37418/amsj.9.11.31
Chinthoju A.; Chekka J.G.; Nadigepu R.; Kuchulakanti H.	IoT Aided Non-invasive NIR Blood Glucose Monitoring Device	2020	Learning and Analytics in Intelligent Systems	3			82	90	10.1007/978-3-030-24322-7_11
Syamsundar C.; Usha Sri P.	Computational Analysis of Cavitation Structures on a Ship Propeller	2020	Learning and Analytics in Intelligent Systems	2			501	507	10.1007/978-3-030-24314-2_60
Thirupathi T.; Srinivas V.	Some outcomes on b-metric space	2020	Journal of Mathematical and Computational Science	10	6		3012	3025	10.28919/jmcs/5059
Nagaraju M.; Sunitha Devi G.	ANABOLIC EFFECT OF 17?-METHYLTESTOSTERONE HORMONE ON CERTAIN BIOCHEMICAL PARAMETERS OF FISH, TILAPIA MOSSAMBICA	2020	Journal of Advanced Zoology	41	1		1	14	
Alibeigi A.; Munir A.B.	Malaysian personal data protection act, a mysterious application	2020	University of Bologna Law Review	5	2		362	374	10.6092/ISSN.2531-6133/12441
Dey N.S.; Kollapudi P.; Narayana M.V.; Govardhana Rao I.	An automated framework for detecting change in the source code and test case change recommendation	2020	International Journal of Advanced Computer Science and Applications	11	8		270	279	10.14569/IJACS A.2020.0110835

Ahirwar S.D.; Ramakrishna D.; Pandharipande V.M.	Design and Development of a Broadband Planar Dipole Antenna	2020	Learning and Analytics in Intelligent Systems	4			185	193	10.1007/978-3-030-24318-0_22
Rani H.P.; Narayana V.; Rameshwar Y.; Starchenko S.V.	Aspect ratio effects on bottom heated 2d cavity using energy streamlines and field synergy principle	2020	Latin American Applied Research	50	1		41	46	
Kanchanapally P.; Naga Raju V.	Common fixed point theorems in 2-normed spaces	2020	Advances in Mathematics: Scientific Journal	9	11		10007	10013	10.37418/amsj.9.11.108
Maloth B.; Srinivasulu N.V.; Rajendra R.	Fabrication and Characterization of E-glass Fabric Composites Using Amine-Terminated Butadiene Acrylonitrile	2020	Springer Proceedings in Materials	8			399	408	10.1007/978-981-15-7827-4_40
Varaprasad K.; Karthikeyan C.; KanikiReddy V.; Núñez D.; Sadiku E.R.; Briones R.	Antibiotic Nanomaterials	2020	Antibiotic Materials in Healthcare				1	10	10.1016/B978-0-12-820054-4.00001-X
Manoj Kumar K.; Bharathi A.	Single-Feed Right-Hand Circularly Polarized Microstrip Antenna with Endfire Radiation	2020	Lecture Notes in Networks and Systems	107			51	58	10.1007/978-981-15-3172-9_5
Gundeboina R.; Perala V.; Muga V.	Perovskite Material-Based Photocatalysts	2020	Materials Horizons: From Nature to Nanomaterials				251	287	10.1007/978-981-15-1267-4_9
Srinu C.; Parayitam L.	A post processing based IRNSS/NavIC software receiver for analysis and development of new algorithms and signals	2020	Proceedings of the 33rd International Technical Meeting of the Satellite Division				2822	2835	10.33012/2020.17597

Sanjeev R.; Jagannadham V.	Attenuation Effect in Twenty One Different Proton Dissociation Equilibriums Brought on One Rope: A Chemical Education Tool for Evaluation of pKa of Proton Dissociation Equilibrium of Any Substituted Benzene (XC6H5)	2020	World Journal of Chemical Education	8	2		61	66	10.12691/wjce-8-2-1
Sajjad N.; Rasool A.; Fazili A.B.A.; Bhat E.A.	Fermentation of fruits and vegetables	2020	Plant Archives	20			1338	1342	
Madhusudhana Rao B.; Gopal D.; Kishan N.; Ahmed S.; Prasad P.D.	Heat and mass transfer mechanism on three-dimensional flow of inclined magneto Carreau nanofluid with chemical reaction	2020	Archives of Thermodynamics	41	2		223	238	10.24425/ather.2020.133630
Kuna D.; Perumalla N.K.; Anil Kumar R.	Positioning Parameters for Stand-Alone and Hybrid Modes of the Indian NavIC System: Preliminary Analysis	2020	Learning and Analytics in Intelligent Systems	4			299	306	10.1007/978-3-030-24318-0_36
Kiran K.R.; Kumar M.; Abhinay B.	Critical Analysis of Speed Hump and Speed Bump and Geometric Design of Curved Speed Hump	2020	Transportation Research Procedia	48			1211	1226	10.1016/j.trpro.2020.08.144
Ramesh P.; Srinivasa Rao V.; Muralidhar Reddy P.; Babu K.S.; Srinivasa Rao M.	Synthesis, biological evaluation and molecular modeling studies of novel C (7) modified analogues of chrysin	2020	Letters in Drug Design and Discovery	17	7		873	883	10.2174/1570180816666190913183623
Rather G.A.; Bhat M.Y.; Sana S.S.; Ali A.; Gul M.Z.; Nanda A.; Hassan M.	Quince	2020	Antioxidants in Fruits: Properties and Health Benefits				397	416	10.1007/978-981-15-7285-2_20
Amgoth N.R.; Bhukya R.N.; Lavadya N.D.	Clustered Relay Node Placement for WSN through Metaheuristics Algorithm	2020	International Journal of Intelligent Engineering and Systems	13	6		67	80	10.22266/ijies2020.1231.07

Kokkarachedu V.; Kanikireddy V.; Sadiku R.	Antibiotic Materials in Healthcare	2020	Antibiotic Materials in Healthcare				1	333	10.1016/C2018-0-05407-9
Harun N.S.; Hanafiah M.M.; Nizam N.U.M.; Rasool A.	Water and soil physicochemical characteristics of different rice cultivation areas	2020	Applied Ecology and Environmental Research	18	5		6775	6791	10.15666/aeer/1805_67756791
Mandala J.P.; Pittala S.; Srivani G.	Cancer Stem Cells as Therapeutic Targets for Gastrointestinal Cancers	2020	Phytochemicals Targeting Tumor Microenvironment in Gastrointestinal				51	81	10.1007/978-3-030-48405-7_3
Srinivas V.; Thirupathi T.; Mallaiah K.	A fixed point theorem using E.A property on multiplicative metric space	2020	Journal of Mathematical and Computational Science	10	5		1788	1800	10.28919/jmcs/4752
Tallapaka A.K.; Thati J.; Chintha S.	Oxidative Photocatalytic Degradation of Methylene Blue in Wastewater	2020	Recent Trends in Waste Water Treatment and Water Resource Management				119	127	10.1007/978-981-15-0706-9_12
Kumar A.; Gahlaut V.; Nagaraju M.	Transcription factors and their roles in phosphorus stress tolerance in crop plants	2020	Transcription Factors for Abiotic Stress Tolerance in Plants				201	224	10.1016/B978-0-12-819334-1.00011-3
Satyanna K.; Srinvas V.	Fixed point theorem using semi compatible and sub sequentially continuous mappings in menger space	2020	Journal of Mathematical and Computational Science	10	6		2503	2515	10.28919/jmcs/4953
Padmaja S.; Bandu S.; Fatima S.S.	Text Processing of Telugu-English Code Mixed Languages	2020	Learning and Analytics in Intelligent Systems	3			147	155	10.1007/978-3-030-24322-7_19

Nayarisseri A.; Khandelwal R.; Madhavi M.; Selvaraj C.; Panwar U.; Sharma K.; Hussain T.; Singh S.K.	Shape-based machine learning models for the potential novel covid-19 protease inhibitors assisted by molecular dynamics simulation	2020	Current Topics in Medicinal Chemistry	20	24		2146	2167	10.2174/1568026620666200704135327
Ranganatha Rao B.; Sujatha B.	An efficient and secured data storage and integrity checking for public clouds using MECC	2020	Journal of Advanced Research in Dynamical and Control Systems	12	7 Special Issue		2565	2569	10.5373/JARDCS/V12SP7/20202390
Madderla S.; Dongamanti A.; Laxmi B.V.; Nagaraju N.; Boini S.	One-pot synthesis and antimicrobial evolution of some new substituted 9-Hydroxy-4-methyl-8-phenylpyrano[2,3-f]chromene-2,10-diones	2020	Indian Journal of Heterocyclic Chemistry	30	2		205	210	
Sanyal S.K.; Sheker G.R.; Kishor P.B.K.; Kumar S.A.; Kumari P.H.; Saritha K.V.; Rathnagiri P.; Pandey G.K.	Role of Protein Phosphatases in Signaling, Potassium Transport, and Abiotic Stress Responses	2020	Protein Phosphatases and Stress Management in Plants: Functional				203	232	10.1007/978-3-030-48733-1_11
Chillara C.S.; Shek A.P.; Madan Mohan V.; Anuradha; Madireddi S.	Status of estrogen receptor beta gene polymorphisms rs1256049 and rs4986938 in a cohort of South Indian women with primary ovarian insufficiency	2020	International Journal of Research in Pharmaceutical Sciences	11	4		7656	7664	10.26452/ijrps.v11i4.4027
Srilatha M.; Sattayyanaidu V.; Reddy C.K.; Basireddy V.S.R.R.	A Unified Total Synthesis of Isocyclocapitelline and Cyclocapitelline	2020	Natural Product Communications	15	11				10.1177/1934578X20967871
Kandi K.K.; Thallapalli N.; Sunder M.; Vuda R.	Design and Analysis of Cap Forward Armrest Component	2020	Springer Proceedings in Materials	8			145	153	10.1007/978-981-15-7827-4_14
Mrudula G.; Bhargavi P.; Krishnaiah A.	Effect of tool material on mechanical properties of friction stir welded dissimilar aluminium joints	2020	Materials Today: Proceedings	38			3306	3313	10.1016/j.matpr.2020.10.042

Ramesh Babu P.	Delamination Arrest Methods in Structural Adhesive Joints Used in Automobiles	2020	Structural Adhesive Joints: Design, Analysis, and Testing				289	317	10.1002/9781119737322.ch10
Vanamala U.M.; Nidamarty L.P.	Galactic Cosmic Energy - A Novel Mode of Energy Harvesting	2020	Learning and Analytics in Intelligent Systems	2			458	465	10.1007/978-3-030-24314-2_55
Kanchanapally P.; Naga Raju V.	On common fixed points of subcompatible mappings in s-metric spaces	2020	Journal of Mathematical and Computational Science	10	6		2307	2319	10.28919/jmcs/4876
Kiran K.R.; Molugaram K.; Sandeep M.	Analysis of Speed Profiles at Speed Hump under Various Dimensions & Simulating their LOS Using VISSIM	2020	Transportation Research Procedia	48			1200	1210	10.1016/j.trpro.2020.08.143
Madhavi V.; Prasad Y.G.; Hameeda B.	Variation in photosynthetic pigments of leaves infested with leaf miner ( <i>liriomyza trifolii</i> ) (burgess) in castor and tomato	2020	Plant Archives	20			1246	1250	
Ganesh Kumar V.; Phaneendra K.	A variable mesh finite difference scheme for two-parameters singularly perturbed boundary value problems	2020	Journal of Mathematical Control Science and Applications	6	1		1	13	
Bolleddu R.; Venkatesh S.; Hazra K.; Rao M.; Shyamsunder R.	Anatomical and antihyperglycemic activity of <i>Dichrostachys cinerea</i> roots	2020	Medical Journal of Dr. D.Y. Patil Vidyapeeth				258	263	10.4103/mjdrdy pu.mjdrdy pu_95_19
Akkulanna S.; Kailas J.G.; Kullayiswamy K.R.; Raju R.R.V.; Ramakrishna H.	Pollen diversity in <i>phyllanthus</i> species ( <i>Phyllanthaceae</i> ) andhra pradesh, india	2020	Agricultural Science Digest	40	4		350	356	10.18805/ag.D-5098

Usha Sri A.; Malini M.; Chandana G.	Feature Extraction of Cardiocography Signal	2020	Learning and Analytics in Intelligent Systems	3			74	81	10.1007/978-3-030-24322-7_10
Bodhankar S.; Grover M.; mallappa M.; Reddy G.; Ghosh D.; Mohapatra S.	THE EXPRESSION OF SELECTED DROUGHT RESPONSIVE GENES OF MAIZE IS INFLUENCED BY ENDOPHYTIC BACTERIAL INOCULATION	2020	Journal of Microbiology, Biotechnology and Food Sciences	10	2		267	272	10.15414/jmbfs.2020.10.2.267-272
JagadeeswaraRao M.; Shaik R.U.; Buschaiah K.	Grey Relational Analysis of EDM Process Parameters for Incoloy-800	2020	Learning and Analytics in Intelligent Systems	2			476	482	10.1007/978-3-030-24314-2_57
Prasad K.K.; Younus M.; Srinivasulu C.	Occurrence of Corica soborna Hamilton, 1822 (Clupeiformes: Clupeidae) in the Godavari basin, India	2020	Journal of Threatened Taxa	12	17		17361	17365	10.11609/jott.5983.12.17.17361-17365
Alam S.M.; Markandey K.	Consequences of Unplanned Growth: A Case Study of Metropolitan Hyderabad	2020	Urban and Regional Planning and Development: 20th Century Forms and 21st				203	219	10.1007/978-3-030-31776-8_13
Dongamanti A.; Ziauddin M.; Madderla S.; Bommidi V.L.	Microwave-assisted synthesis of substituted (E)-1-(2-(1-benzyl-1H-1,2,3-triazol-4-yl)methoxy)phenyl)-3-(1-phenyl-3-(thiophen-2-yl)-1H-pyrazol-4-yl)prop-2-en-1-ones and their antibacterial activity	2020	Indian Journal of Heterocyclic Chemistry	30	2		135	142	
Kumari P.H.; Kumar S.A.; Rajasheker G.; Jalaja N.; Sujatha K.; Kumari P.S.; Kishor P.B.K.	Nutritional Value, In Vitro Regeneration and Development of Transgenic Cucurbita pepo and C. maxima for Stress Tolerance: An Overview	2020	Genetically Modified Crops: Current Status, Prospects and Challenges Volume 1				227	240	10.1007/978-981-15-5897-9_11
Tripathi M.A.; Sridevi G.	Psychotherapeutic Interventions in Emotional and Behavioural Problems with Adolescents	2020	Research Anthology on Rehabilitation Practices and Therapy				1243	1255	10.4018/978-1-7998-3432-8.ch061



Rahim M.R.A.; Hooi L.B.; Van Bac N.; Khoa P.T.A.; Siswanto; Na P.D.; Kumar R.; Sumartininggih S.	Easy five training method improved the technical and tactical performances of young Tennis players	2020	Journal of Advanced Research in Dynamical and Control Systems	12	5 Special Issue		1353	1361	10.5373/JARDCS/V12SP5/20201895
Sangameshwar R.; Rasool A.; Venkateshwar C.	Effect of heavy metals on leafy vegetable (trigonella foenum-graecum l.) and its remediation	2020	Plant Archives	20			1941	1944	
Gurralla S.; Anumolu P.D.; Menkana S.; Gandla N.; Toddi K.	Spectrophotometric estimation of linagliptin using ion-pair complexation and oxidative coupling reactions – A green approach	2020	Thai Journal of Pharmaceutical Sciences	44	4		245	250	
Siva Rama Krishna L.; Balasany U.K.; Venkatesh S.R.; Potturi A.	Assessment of Dimensional Accuracy of Reproducibility of Cadaver Skull by FDM Additive Manufacturing	2020	Learning and Analytics in Intelligent Systems	2			662	672	10.1007/978-3-030-24314-2_78
Sarada Devi M.S.N.G.; Yesuratnam G.	Comparison of State Estimation Process on Transmission and Distribution Systems	2020	Learning and Analytics in Intelligent Systems	4			414	423	10.1007/978-3-030-24318-0_50
Swathi R.; Bhagavanth Reddy G.; Rajkumar B.; Yadagiri Swamy P.	Rapid fabrication of carbon dots from babul seed powder as green precursor: Antioxidant activity and multicolor imaging	2020	Materials Today: Proceedings	43			1389	1397	10.1016/j.matpr.2020.09.174
Neeraja B.; Koteswara Rao N.V.; Rajendra Naik B.	Detection and analysis of closely spaced multiple targets using modified music method	2020	Journal of Advanced Research in Dynamical and Control Systems	12	7 Special Issue		2857	2865	10.5373/JARDCS/V12SP7/20202427
Dulhare U.N.; Gouse S.	Hands on MAHOUT-Machine Learning Tool	2020	Machine Learning and Big Data: Concepts, Algorithms, Tools and Applications				363	421	10.1002/9781119654834.ch14

Srinagesh B.	Diagnosis of demonetisation and its impact assessment on regional development: An Indian experience	2020	Dilemmas of Regional and Local Development				260	271	10.4324/9780429433863-16
Satish Kumar P.; Suvarna Raju L.; Siva Rama Krishna L.	A Review on Wire Arc Additive Manufacturing (WAAM) Fabricated Components of Ti6AL4V and Steels	2020	Learning and Analytics in Intelligent Systems	2			587	600	10.1007/978-3-030-24314-2_70
Siva Kumar C.H.; Mallesham G.	Implementation of ann-based upqc to improve power quality of hybrid green energy system	2020	Lecture Notes in Electrical Engineering	664			13	23	10.1007/978-981-15-5089-8_2
Hassanpour M.	Techno-economic assessment of recycling acidic sludge project of reprocessing industries to value-added gaseous products using Plasmatron	2020	Environmental Health Engineering and Management	7	3		183	192	10.34172/EHEM.2020.21
Srikanth K.; Narsihma L.; Narsimulu M.; Kumar M.S.; Laxminarayana K.; Srinivas M.	Luminescence properties of Eu3+ and Tb3+ doped Ba2GeO4 phosphor with UV light	2020	Materials Today: Proceedings	30			145	149	10.1016/j.matpr.2020.05.221
Garai M.; Rao C.H.V.; Karmakar B.	Nanocrystalline microstructure in Sm3+and Gd3+doped K2O-MgO-Al2O3-SiO2-F glass-ceramic sealant (SOFC)	2020	Materials Advances	1	3		463	468	10.1039/d0ma00179a
Kumar Sahoo S.; Thirupathi N.; Saraswathamma K.	Experimental Investigation and Multi-Objective Optimization of Die sink EDM Process Parameters on Inconel-625 alloy by using Utility Function Approach	2020	Materials Today: Proceedings	24			995	1005	10.1016/j.matpr.2020.04.412
Shyam Kishore G.; Rallapalli H.	Towards 5G: A Survey on Waveform Contenders	2020	Learning and Analytics in Intelligent Systems	4			243	250	10.1007/978-3-030-24318-0_29

Vivekavardhan J.; Chakravarthy A.S.; Ramesh P.	Search Engines and Meta Search Engines Great Search for Knowledge: A Frame Work on Keyword Search for Information Retrieval	2020	Learning and Analytics in Intelligent Systems	3			435	443	10.1007/978-3-030-24322-7_54
Yeshiwas Z.; Krishnaiah A.	Extraction of Coordinate Points for the Numerical Simulation of Single Point Incremental Forming Using Microsoft Excel	2020	Learning and Analytics in Intelligent Systems	2			577	586	10.1007/978-3-030-24314-2_69
Kumari P.H.; Kumar S.A.; Rajasheker G.; Madhavi D.; Jalaja N.; Shridhar K.K.; Scinthia K.P.; Divya D.; Swathi Sri M.; Akhila C.; Sujatha E.; Rathnagiri P.; Kishor P.B.K.	Transgenic Tomatoes for Abiotic Stress Tolerance and Fruit Traits: A Review of Progress and a Preview of Potential	2020	Genetically Modified Crops: Current Status, Prospects and Challenges Volume 2				1	30	10.1007/978-981-15-5932-7_1
Maddala M.; Gundi B.; Gudimalla S.	Solasodine phytocompound controlled the food pest Tribolium castaneum growth	2020	Journal of Entomological Research	44	2		227	232	10.5958/0974-4576.2020.00040.7
Sangeetha G.; Mahesh G.; Phaneendra K.	Fitted difference approach for differential equations with delay and advanced parameters	2020	Journal of Mathematical and Computational Science	10	3		479	496	10.28919/jmcs/4433
Ganesh Kumar V.; Phaneendra K.	Computational technique for two parameter singularly perturbed parabolic convection-diffusion problem	2020	Journal of Mathematical and Computational Science	10	4		1251	1261	10.28919/jmcs/4565
Devireddy K.; Abedin N.U.; Kuna D.; Kumar P.N.	Analysis of Various Parameters of L5 and S1 NavIC Signals over Low Latitude Region	2020	Procedia Computer Science	171			2704	2712	10.1016/j.procs.2020.04.293
Padmaja S.; Fatima S.; Bandu S.; Nikitha M.; Prathyusha K.	Sentiment Extraction from Bilingual Code Mixed Social Media Text	2020	Advances in Intelligent Systems and Computing	1079			707	714	10.1007/978-981-15-1097-7_59

Sayeed A.; Nagalaxmi T.; Chandrasekhar P.; Lanka S.P.	Data Transmission Based on Selection of Cluster Head Using M-RED Technique	2020	Advances in Intelligent Systems and Computing	1079			527	539	10.1007/978-981-15-1097-7_44
Vinuthna C.H.; Raju S.; Ravinder D.	Composition dependence of elastic moduli of mixed cobalt-zinc ferrites prepared by citrate precursor method	2020	Asian Journal of Chemistry	32	1		31	35	10.14233/ajchem.2020.22155
Touseef Ahamad M.; Seshu Kumar A.; Prasad A.M.K.	Mathematical Prediction of Thermal Runaway Conditions During the Nitration of DNT to TNT	2020	Lecture Notes in Mechanical Engineering				561	573	10.1007/978-981-32-9931-3_54
Shekar C.; Kumar U.A.; Kishore K.; Laxminarayana P.	Optimization of Process Parameters on EDM for Inconel 718	2020	Lecture Notes in Mechanical Engineering				365	371	10.1007/978-981-15-1124-0_31
Srinath M.; Bindu B.B.V.; Shailaja A.; Giri C.C.	Isolation, characterization and in silico analysis of 3-Hydroxy-3-methylglutaryl-coenzyme A reductase (HMGR) gene from <i>Andrographis paniculata</i> (Burm. f) Nees	2020	Molecular Biology Reports	47	1		639	654	10.1007/s11033-019-05172-0
Mettu A.; Talla V.; Thumma S.; Naikal James Prameela S.	Mechanistic investigations on substituted benzene sulphonamides as apoptosis inducing anticancer agents	2020	Bioorganic Chemistry	95		103539			10.1016/j.bioorg.2019.103539
Mahesh K.; Padmavathi D.A.	Novel Photoswitchable Dihetarylethenes Exhibiting Fluorescence	2020	Journal of Fluorescence	30	1		35	40	10.1007/s10895-019-02444-7
Balnarsaiah B.; Prasad T.S.; Parayitam L.; Penta B.; Patibandla C.	Classifications of High-Resolution SAR and Optical Images Using Supervised Algorithms	2020	Advances in Intelligent Systems and Computing	999			981	990	10.1007/978-981-13-9042-5_84

Rukmini J.; Priya D.S.; Prasad M.R.; Raja P.R.	Photometric study of 61 totally eclipsing contact binaries from the ASAS, OGLE, HATNet, AST3 and TESS databases	2020	Contributions of the Astronomical Observatory Skalnaté Pleso	50	2		436	441	10.31577/CAOS P.2020.50.2.436
Reddy G.B.; Rajkumar B.; Mangatayaru K.G.; Rao T.V.D.P.	Rapid Synthesis of Gold Nanoparticles with Ginger Waste using Microwave Irradiation	2020	Asian Journal of Chemistry	32	2		471	476	10.14233/ajchem.2020.22514
Srinivas Naik L.; Hadya B.	Evaluation and Impacts on Mechanical Behavior of Friction Stir Welded Copper 2200 Alloy	2020	Lecture Notes in Mechanical Engineering				239	247	10.1007/978-981-15-1124-0_21
Chander R.; Rao E.V.S.; Vidhya Sagar E.	Adjustable step-size LMS based IRP method for active power filter	2020	2020 International Conference on Computer Communication and Informatics			9104127			10.1109/ICCIC48352.2020.9104127
Sailender M.; Suresh R.; Chandramohan Reddy G.; Venkatesh S.	Prediction and comparison of the dilution and heat affected zone in submerged arc welding (SAW) of low carbon alloy steel joints	2020	Measurement: Journal of the International Measurement Confederation	150		107084			10.1016/j.measurement.2019.107084
Shekar Ch.; Kishore K.; Laxminarayana P.	Material removal rate and surface roughness on machining of Inconel 718 by electrical discharge machine using Taguchi technique	2020	Materials Today: Proceedings	27			1024	1029	10.1016/j.matpr.2020.01.372
Thallapalli N.; Kandi K.K.; Batta R.	Investigation on the micro-structure and mechanical properties of copper based surface composites fabricated by friction stir processing	2020	Materials Today: Proceedings	27			1774	1779	10.1016/j.matpr.2020.03.688
Ayodhya D.; Veerabhadram G.	A brief review on synthesis, properties and lithium-ion battery applications of borophene	2020	FlatChem	19		100150			10.1016/j.flatc.2019.100150

Kumar Reddy K.; Rathore R.S.; Srujana P.; Burri R.R.; Ravikumar Reddy C.; Sumakanth M.; Reddanna P.; Rami Reddy M.	Performance evaluation of docking programs-glide, gold, autodock & surflexdock, using free energy perturbation reference data: A case study of fructose-1, 6-bisphosphatase-amp analogs	2020	Mini-Reviews in Medicinal Chemistry	20	12		1179	1187	10.2174/1389557520666200526183353
Harsha K.G.; Appalanaidu E.; Rao B.A.; Baggi T.R.; Rao V.J.	ON-OFF Fluorescent Imidazole Derivative for Sensitive and Selective Detection of Copper(II) Ions	2020	Russian Journal of Organic Chemistry	56	1		158	168	10.1134/S1070428020010248
Maddhuri S.; Vemuri P.K.; Tatineni J.; Puppala J.; Bodiga V.L.	Association of calcineurin B (PPP3R1) functional gene polymorphism in south indian children with idiopathic mental retardation	2020	Research Journal of Pharmacy and Technology	13	2		599	603	10.5958/0974-360X.2020.00113.4
Bramhachari P.V.; Mohana Sheela G.; Prathyusha A.M.V.N.; Madhavi M.; Satish Kumar K.; Reddy N.N.R.; Berde C.P.	Advanced immunotechnological methods for detection and diagnosis of viral infections: Current applications and future challenges	2020	Dynamics of Immune Activation in Viral Diseases				261	275	10.1007/978-981-15-1045-8_17
Surya Prakash T.; Satish Kumar P.; Chandrasena R.P.S.	A Novel IUPQC for Multi-Feeder Systems Using Multilevel Converters with Grid Integration of Hybrid Renewable Energy System	2020	IEEE Access	8		9020177	44903	44912	10.1109/ACCESS.2020.2977754
Avula A.; Jaleeli K.A.; Sreekanth T.; Ahmad A.	Synthesis of Ag, Cu and Ag-Cu bimetallic nanoparticles using Tulsi leaf extract	2020	International Journal of Advanced Science and Technology	29	4		1353	1360	
Taranum F.; Khan K.U.R.	Maneuvering black-hole attack using different traffic generators in MANETs	2020	Advances in Intelligent Systems and Computing	910			101	115	10.1007/978-981-13-6095-4_8
Prasad K.K.; Younus M.; Srinivasulu C.	Ichthyofaunal diversity of Manjeera Reservoir, Manjeera Wildlife Sanctuary, Telangana, India	2020	Journal of Threatened Taxa	12	10		16357	16367	10.11609/jott.5408.12.10.16357-16367

Ashok D.; Nagaraju N.; Ram Reddy M.; Ravinder; Dharavath; Ramakrishna K.; Sarasija M.	Microwave-assisted synthesis of tetrazole based biphenyls derivatives and their antimicrobial activity	2020	Rasayan Journal of Chemistry	13	1		601	609	10.31788/RJC.2020.1315490
Tasneem S.; Yasmeen R.	Biochemical changes in carbohydrate metabolism of the fish - Cyprinus carpio during sub-lethal exposure to biopesticide - Derisom	2020	Iranian Journal of Fisheries Sciences	19	2		961	973	10.22092/ijfs.2018.116876
Leela Prasad N.; Usha Sri P.; Vizayakumar K.	Life Cycle Assessment of a 100 kWp Solar PV-Based Electric Power Generation System in India	2020	Lecture Notes in Mechanical Engineering				81	94	10.1007/978-981-15-1124-0_7
Mamatha K.; Phaneendra K.	Solution of convection-diffusion problems using fourth order adaptive cubic spline method	2020	Journal of Mathematical and Computational Science	10	4		817	832	10.28919/jmcs/4485
Noami A.; Pradeep Kumar B.; Chandrasekhar P.	Design and implementation of a united multi-core memory controller using axi4-lite interface protocol	2020	International Journal on Emerging Technologies	11	3		468	475	
Ravichand K.; Kumar V.R.; Reddy G.P.; Sridhar S.	Synthesis and characterization of indigenous hydrophilized polyvinylidene fluoride membrane for drinking water purification: Experimental study and modeling aspects	2020	Chemistry and Chemical Technology	14	2		239	250	10.23939/chct14.02.239
Gaffoor A.; Naidu K.C.B.; Ravinder D.; Batoo K.M.; Adil S.F.; Khan M.	Synthesis of nano-Ni <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> (X = Mg/Co) by citrate-gel method: structural, morphological and low-temperature magnetic properties	2020	Applied Physics A: Materials Science and Processing	126	1	39			10.1007/s00339-019-3225-1
Praveena K.; Kumar P.N.; Reddy D.K.; Santhosh N.	Analysis of Ionospheric Scintillations of NavIC L5 and S-band Signals over Low Latitude Indian Region	2020	Procedia Computer Science	171			989	998	10.1016/j.procs.2020.04.106

Thada S.; Burkert S.; Sivangala R.; Hussain A.; Sur S.; Dittrich N.; Conrad M.L.; Slevogt H.; Latha Gaddam S.; Schumann R.R.	A SNP upstream of the cyclic GMP-AMP synthase (cGAS) gene protects from relapse and extra-pulmonary TB and relates to BCG vaccination status in an Indian cohort	2020	Genes and Immunity	21	1		13	26	10.1038/s41435-019-0080-1
Lonavath A.K.; Virugu K.; Sathish Kumar V.; Ravi Naik B.; Naik K.	Spatiotemporal analysis of urban agglomeration: A case study of Hyderabad City, Telangana State, India	2020	Springer Geography				128	137	10.1007/978-3-030-33900-5_13
Dasari N.; Maruvajala V.	Preparation and evaluation of fast dissolving tablets of pitavastatin by 32 full factorial design	2020	International Journal of Applied Pharmaceutics	12	1		108	114	10.22159/ijap.2020v12i1.35678
Katha K.K.; Pabboju S.	AGCS Technique to Improve the Performance of Neural Networks	2020	Journal of Intelligent Systems	29	1		1235	1245	10.1515/jisys-2017-0423
Balla C.S.; Alluguvelli R.; Naikoti K.; Makinde O.D.	Effect of chemical reaction on bioconvective flow in oxytactic microorganisms suspended porous cavity	2020	Journal of Applied and Computational Mechanics	6	3		653	664	10.22055/JACM.2019.14811
Kumar U.A.; Saidulu G.; Laxminaryana P.	Experimental investigation of process parameters for machining of nimonic alloy 75 using wire-cut edm	2020	Materials Today: Proceedings	27			1362	1368	10.1016/j.matpr.2020.02.713
Nagaraju M.; Reddy P.S.; Kumar S.A.; Kumar A.; Rajasheker G.; Rao D.M.; Kavi Kishor P.B.	Genome-wide identification and transcriptional profiling of small heat shock protein gene family under diverse abiotic stress conditions in Sorghum bicolor (L.)	2020	International Journal of Biological Macromolecules	142			822	834	10.1016/j.ijbiomac.2019.10.023
Srinivas V.; Mallaiah K.	A result on multiplicative metric space	2020	Journal of Mathematical and Computational Science	10	5		1384	1398	10.28919/jmcs/4628



Mahipal Reddy L.; Siva Rama Krishna L.; Sharath Kumar S.; Ravinder Reddy P.	A Comparative Study on Performance of 3D-Printed EDM Electrode with Conventional EDM Electrode	2020	Lecture Notes in Mechanical Engineering				217	225	10.1007/978-981-15-1124-0_19
Bandi R.; Dadigala R.; Gangapuram B.R.; Sabir F.K.; Alle M.; Lee S.-H.; Guttena V.	N-Doped carbon dots with pH-sensitive emission, and their application to simultaneous fluorometric determination of iron(III) and copper(II)	2020	Microchimica Acta	187	1	30			10.1007/s00604-019-4017-1
Srinivas V.; Jayanthi C.H.	Application of the new integral "j-transform" in cryptography	2020	International Journal on Emerging Technologies	11	2		678	682	
Thota S.; Kamatham Y.; Paidimarry C.S.	Analysis of hybrid PAPR reduction methods of OFDM Signal for HPA models in wireless communications	2020	IEEE Access	8		8972447	22780	22791	10.1109/ACCESS.2020.2970022
Kumar U.A.; Alam S.M.; Laxminarayana P.	Influence of abrasive water jet cutting on glass fibre reinforced polymer (GFRP) composites	2020	Materials Today: Proceedings	27			1651	1654	10.1016/j.matpr.2020.03.554
Albors-Vaquer A.; Rizvi A.; Matzapetakis M.; Lamosa P.; Coelho A.V.; Patel A.B.; Mande S.C.; Gaddam S.; Pineda-Lucena A.; Banerjee S.; Puchades-Carrasco L.	Active and prospective latent tuberculosis are associated with different metabolomic profiles: clinical potential for the identification of rapid and non-invasive biomarkers	2020	Emerging Microbes and Infections	9	1		1131	1139	10.1080/22221751.2020.1760734
Kumar P.S.; Chandrasena R.P.S.; Ramu V.; Srinivas G.N.; Babu K.V.S.M.	Energy Management System for Small Scale Hybrid Wind Solar Battery Based Microgrid	2020	IEEE Access	8		8950074	8336	8345	10.1109/ACCESS.2020.2964052
Prasad Pallem P.V.S.; Bodiga S.; Bodiga V.L.	Dietary phytate lowers K-ras mutational frequency, decreases DNA-adduct and hydroxyl radical formation in azoxymethane-induced colon cancer	2020	Iranian Journal of Basic Medical Sciences	23	1		20	29	10.22038/IJBMS.2019.34374.8161

Puspalatha R.; Ashok B.; Hariram N.; Varada Rajulu A.	Antibacterial polyester fabrics with in situ generated copper and cuprous oxide nanoparticles by biodirection method	2020	Inorganic and Nano-Metal Chemistry				1	8	10.1080/24701556.2020.1791181
Imran M.; Mane M.	Evaluation of Leakage Current in Single-Phase H-Type Transformerless Inverters for PV Grid System	2020	Green Energy and Technology				843	857	10.1007/978-981-15-4246-6_53
Alula A.A.; Kuthadi A.R.	Social conditions of Shinasha trials in northwestern Ethiopia	2020	Journal of Critical Reviews	7	9		544	551	10.31838/jcr.07.09.108
Ashok D.; Ramakrishna K.; Nalaparaju N.; Dharavath R.; Ram Reddy M.; Sarasija M.	Microwave-Assisted Synthesis of 2-(5-(4-Substituted phenyl)-2-(5-methoxy-2H-chromen-3-yl)-1H-imidazol-1-yl)alkyl)-1H-benzo[de]isoquinoline-1,3(2H)-dione derivatives and their antimicrobial activity	2020	Asian Journal of Chemistry	32	4		839	844	10.14233/ajchem.2020.22445
Rajkumar K.; Sandhya M.V.S.; Koganti S.; Burgula S.	Selenium nanoparticles synthesized using pseudomonas stutzeri (Mh191156) show antiproliferative and anti-angiogenic activity against cervical cancer cells	2020	International Journal of Nanomedicine	15			4523	4540	10.2147/IJN.S247426
Madhusudan Raju E.; Krishna L.S.R.; Abbas M.	Control of End-Effector of a Multi-link Robot with Joint and Link Flexibility	2020	Lecture Notes in Mechanical Engineering				611	623	10.1007/978-981-15-1124-0_53
Sreeshobha E.; Prasad P.V.N.	Economic profit estimation of transmission system using novel contingency ranking with Markov modelling	2020	Indonesian Journal of Electrical Engineering and Computer Science	18	2		565	572	10.11591/ijeecs.v18.i2.pp565-572
Banoth C.; Kethavath S.N.; Keshav P.K.; Bhukya B.	Selection of stress tolerant Saccharomyces cerevisiae strains isolated from sloughing off soil for bioethanol production using Prosopis juliflora	2020	Research Journal of Biotechnology	15	1		1	13	

Bhattacharjee S.; Sahoo P.K.	Temporally varying universal gravitational "constant" and speed of light in energy momentum squared gravity	2020	European Physical Journal Plus	135	1	86			10.1140/epjp/s13360-020-00116-1
Santosh Reddy K.; Rangamma M.	On some functions of fast increase	2020	Advances in Mathematics: Scientific Journal	9	6		3675	3684	10.37418/amsj.9.6.45
Raj P.A.	Charlier and Meixner Moments and Their Application for Texture and Image De-noising Problems	2020	Lecture Notes in Networks and Systems	79			123	134	10.1007/978-981-32-9453-0_13
Narayana B.; Venkatesh S.	Parametric Optimization for PA2200 Quality Prototype Fabricating Process (Selective Laser Sintering) by Taguchi Method	2020	Lecture Notes in Mechanical Engineering				293	303	10.1007/978-981-15-1124-0_26
Sirisha B.; Paidimarry C.S.; Sastry A.S.C.; Sandhya B.	Formulation of Fractional Affine Feature Detector for TerraSAR-X (TSX) Images	2020	Procedia Computer Science	167			1584	1593	10.1016/j.procs.2020.03.369
Kumar A.; Kumar U.A.; Laxminarayana P.	Optimization of surface roughness and kerf width by wire cut-electrical discharge machining on inconel 625	2020	Materials Today: Proceedings	27			1460	1465	10.1016/j.matpr.2020.02.955
Vankdothu R.; Hameed M.A.; Fatima H.	Efficient detection of brain tumor using unsupervised modified deep belief network in big data	2020	Journal of Advanced Research in Dynamical and Control Systems	12	4 Special Issue		338	347	10.5373/JARDCS/V12SP4/20201497
Maloth B.; Srinivasulu N.V.; Rajendra R.	Influence of titanium oxide fillers on the tensile and flexural properties of E-glass fabric/epoxy composites	2020	Materials Today: Proceedings	27			1073	1078	10.1016/j.matpr.2020.01.462

Yaku G.; Rajkumar B.; Prasad Rao T.V.D.	Microwave Assisted Green Synthesis of Silver Nanoparticles using Pomegranate Peel Extract: Characterization and antibacterial activity studies	2020	Asian Journal of Chemistry	32	2		458	462	10.14233/ajchem.2020.22513
Vangala R.; Sivan S.K.; Peddi S.R.; Manga V.	Computational design, synthesis and evaluation of new sulphonamide derivatives targeting HIV-1 gp120	2020	Journal of Computer-Aided Molecular Design	34	1		39	54	10.1007/s10822-019-00258-0
Chandrasekhar K.N.V.; Bhikshma V.; Mohi S.A.	On the six node hexagon elements for continuum topology optimization of plates carrying in plane loading and shell structures carrying out of plane loading	2020	Journal of Applied and Computational Mechanics	6	3		617	639	10.22055/JACM.2019.28993.1532
Sandhya M.; Dileep M.; Murthy A.N.; Misbahuddin M.	Fingerprint Cryptosystem Using Variable Selection of Minutiae Points	2020	Advances in Intelligent Systems and Computing	1079			359	369	10.1007/978-981-15-1097-7_30
Sekhara Reddy A.C.; Rajesham S.	Simulation Study on the Influence of Blank Offset in Deep Drawing of Circular Cups	2020	Advances in Intelligent Systems and Computing	979			469	476	10.1007/978-981-15-3215-3_46
Suresh D.; Chander R.	Three-Level DCMLI-Based Grid-Connected DSTATCOM	2020	Lecture Notes in Electrical Engineering	626			195	202	10.1007/978-981-15-2256-7_19
Chidipi B.; Ignatius S.; Maddala M.; Bramhachari P.V.; Mattareddy A.	Macrophages/microvesicles and their task in viral diseases	2020	Dynamics of Immune Activation in Viral Diseases				125	137	10.1007/978-981-15-1045-8_8
Sunitha V.; Kumar A.K.; Jalapathi P.; Lincoln C.A.	Synthesis and Antimicrobial Activity of Bis-1,2,3-triazole Based Chalcones	2020	Russian Journal of General Chemistry	90	1		154	159	10.1134/S1070363220010247

Nirish M.; Rajendra R.	Suitability of metal additive manufacturing processes for part topology optimization – A comparative study	2020	Materials Today: Proceedings	27			1601	1607	10.1016/j.matpr.2020.03.275
Naresh K.; Sruthi K.	Novel tacrine and hesperetin analogues: Design, molecular docking and in silico ADME studies to identify potential acetyl choline esterase inhibitors for Alzheimer's disease; [YEN? TAKR?N VE HESPERET?N ANALOGLARI: Alzheimer HASTALI?INDA POTANS?VEL ASET?LKOL?N	2020	Ankara Universitesi Eczacilik Fakultesi Dergisi	44	1		18	32	10.33483/jfpau.559509
Gupta S.D.; Swapanthi P.S.; Bhagya D.; Federicci F.; Mazaira G.I.; Galigniana M.D.; Subrahmanyam C.V.S.; Gowrishankar N.L.; Raghavendra N.M.	Rational identification of hsp90 inhibitors as anticancer lead molecules by structure based drug designing approach	2020	Anti-Cancer Agents in Medicinal Chemistry	20	3		369	385	10.2174/1871520619666191111152050
Ramesh A.; Abdul Khader G.; Kumar M.	The effect of using acid-modified mixes on performance of asphalt concrete	2020	Lecture Notes in Civil Engineering	45			757	770	10.1007/978-981-32-9042-6_60
Fauzia S.; Fatima K.	QoS-based routing for free space optical mobile ad hoc networks	2020	International Journal of Vehicle Information and Communication Systems	5	1		1	10	10.1504/IJIVICS.2020.107178
Sravanti T.; Kamatham Y.; Paidimarry C.S.	Reduced Complexity Hybrid PAPR Reduction Schemes for Future Broadcasting Systems	2020	Learning and Analytics in Intelligent Systems	4			69	76	10.1007/978-3-030-24318-0_9
Koppula S.	Sodium chromate influence on seed germination and seedling growth of horse gram (Dolichos biflorus linn.)	2020	International Journal of Current Research and Review	12	2		6	10	10.31782/IJCRR.2020.12022
Sirisha C.L.; Phaneendra K.; Reddy Y.N.	Computational results of differential difference equations with mixed shifts having layer structure using cubic non-polynomial spline	2020	Journal of Mathematical and Computational Science	10	4		1309	1326	10.28919/jmcs/4595

Srinivasa Reddy K.; Ramachandram S.	Cryptographic key management scheme for supporting multi-user SQL queries over encrypted databases	2020	International Journal of Computer Aided Engineering and Technology	12	4		461	479	10.1504/IJCAET.2020.107443
Vidyasagar K.E.C.; Rana A.; Kalyanasundaram D.	Optimization of laser parameters for improved corrosion resistance of nitinol	2020	Materials and Manufacturing Processes				1661	1669	10.1080/10426914.2020.1784926
Naikal James Prameela S.; Jilla L.; Vanguru S.	Synthesis of novel piperazine tethered benzocycloheptenone hybrids and their antimicrobial evaluation	2020	Journal of Heterocyclic Chemistry	57	1		308	316	10.1002/jhet.3778
Duggirala V.; Murty L.	Iconicity of Telugu ideophones and full word reduplications	2020	Iconicity in Language and Literature	17			39	56	10.1075/ill.17.03dug
Nagaraju V.; Raju B.; Thirupathi P.	Common fixed point theorem for four self maps satisfying common limit range property	2020	Journal of Mathematical and Computational Science	10	4		1228	1238	10.28919/jmcs/4569
Praveen Kumar K.; Krishna Reddy B.	A note on the zeros of polar derivative of a polynomial with complex coefficients	2020	Journal of Mathematical and Computational Science	10	4		1004	1019	10.28919/jmcs/4544
Ashok D.; Madhuri E.V.L.; Sarasija M.	Green Synthesis of Spiropyranone 3-Aryl-4-Methylcoumarin Derivatives using Carbonyldiimidazole	2020	Asian Journal of Chemistry	32	1		205	208	10.14233/ajchem.2020.22376
Narsimulu G.; Reddy B.K.; Rayeezuddin M.D.	Parameters of a class of complex continuous wavelet family	2020	Journal of Mathematical and Computational Science	10	4		805	816	10.28919/jmcs/4476

Sangeetha G.; Thirupathi P.; Phaneendra K.	Non-standard fitted operator scheme for singularly perturbed boundary value problem	2020	Journal of Mathematical and Computational Science	10	4		793	804	10.28919/jmcs/4488
Kuna D.; Santhosh N.; Perumalla N.K.	Preliminary Analysis of Standalone Galileo and NavIC in the context of Positioning Performance for Low Latitude Region	2020	Procedia Computer Science	171			225	234	10.1016/j.procs.2020.04.024
Rukmini J.; Priya D.S.; Jishnu P.; Kumar G.V.	A comprehensive study of the sdB+dM binary TYC 3315-1807-1	2020	Contributions of the Astronomical Observatory Skalnaté Pleso	50	2		627	629	10.31577/CAOS P.2020.50.2.627
Tantray J.A.; Reddy K.P.; Jamil K.; Lone W.G.; Yerra S.K.	Genetic and epigenetic factors of E3/E3 genotypes of APO-E gene as a strong predictor for the diagnosis of coronary artery disease patients of south India	2020	Current Proteomics	17	2		147	153	10.2174/1570164616666190724095158
Rajani Devi K.; Kiran V.; Niranjan Goud J.	Common fixed point theorem for two selfmaps of a g-metric space	2020	Journal of Mathematical and Computational Science	10	2		412	417	10.28919/jmcs/4338
Kumar B.P.; Paidimarry C.S.	Improved Real Time GPS RF Data Capturing for GNSS SDR Applications	2020	Gyroscopy and Navigation	11	1		59	67	10.1134/S2075108720010083
Bynigeri R.R.; Mitnala S.; Talukdar R.; Singh S.S.; Duvvuru N.R.	Pancreatic stellate cell-potentiated insulin secretion from Min6 cells is independent of interleukin 6-mediated pathway	2020	Journal of Cellular Biochemistry	121	1		840	855	10.1002/jcb.29329
Ramakrishna U.V.; Sunder S.R.; Kumar R.K.; Sinha S.N.	Method development and validation for rapid identification of epigallocatechin gallate using ultra-high performance liquid chromatography	2020	PLoS ONE	15	1	e0227569			10.1371/journal.pone.0227569

Shivani G.; Karthikeya G.S.; Santhoshi D.; Krishna D.R.; Koul S.K.	Low cost 3D printed dual band antenna for mm wave 5G applications	2019	2019 IEEE Indian Conference on Antennas and Propagation, InCAP 2019			9134513			10.1109/InCAP47789.2019.9134513
Venkateswarlu K.; Ganji N.; Daravath S.; Kanneboina K.; Rangan K.; Shivaraj	Crystal structure, DNA interactions, antioxidant and antitumor activity of thermally stable Cu(II), Ni(II) and Co(III) complexes of an N,O donor Schiff base ligand	2019	Polyhedron	171			86	97	10.1016/j.poly.2019.06.048
Kolluri P.K.; Gurrapu N.; Edigi P.K.; Subhashini N.J.P.; Putta S.; Singh S.S.	Design, synthesis of (Z)-3-benzyl-5-((1-phenyl-3-(3-((1-substituted phenyl-1H-1,2,3-triazol-4-yl)methoxy)phenyl)-1H-pyrazol-4-yl)methylene)thiazolidine-2,4-dione analogues as potential cytotoxic agents	2019	Journal of Heterocyclic Chemistry	56	12		3244	3256	10.1002/jhet.3720
David A.; Nagarjuna K.; Mohammed M.; Sundar J.	Determinant factors of environmental responsibility for the passenger car users	2019	International Journal of Innovative Technology and Exploring Engineering	9	1		219	224	10.35940/ijitee.A3986.119119
Patnaik P.C.; Javid S.S.Q.; Ramana Murthy M.V.; Sattar S.A.	A study on wireless big data enabled network architecture	2019	International Journal of Scientific and Technology Research	8	12		2717	2720	
Kumar Reddy S.K.; Gupta H.; Reddy D.V.	Dissolved inorganic carbon export by mountainous tropical rivers of the Western Ghats, India	2019	Chemical Geology	530		119316			10.1016/j.chemgeo.2019.119316
Reddy V.; Saharay M.	Solubility of Caffeine in Supercritical CO <sub>2</sub> : A Molecular Dynamics Simulation Study	2019	Journal of Physical Chemistry B	123	45		9685	9691	10.1021/acs.jpcc.9b08351
Saraswathi R.; Rajani B.; Umadevi M.; Shiva Kumari C.H.L.P.; Shivakumar Singh P.; Kumaraswamy T.; Mohan B.	Isolation of anoxygenic phototrophic bacteria from soil and water samples	2019	International Journal of Psychosocial Rehabilitation	23	4		1597	1603	10.37200/IJPR/V23I4/PR190484



Ahmed S.; Chandra Sekhar K.; Narasimha Chary M.; Shareefuddin M.	The role of sodium fluoride on CdO-B <sub>2</sub> O <sub>3</sub> glasses doped with chromium ions	2019	Applied Physics A: Materials Science and Processing	125	12	882			10.1007/s00339-019-3181-9
Mudavath R.; Vuradi R.K.; Bathini U.; Narsimha N.; Kunche S.; Sunitha S.N.T.; Ch S.D.	Design, synthesis, in vitro anticancer, antioxidant and antibacterial activity; DNA/BSA binding, photobleaching and docking studies of Cu(II) ternary metal complexes	2019	Nucleosides, Nucleotides and Nucleic Acids	38	11		874	900	10.1080/15257770.2019.1618470
Edupuganti S.; Krishna P.H.; Ula R.G.G.	A review on isolation of endophytes from Indian medicinal plants	2019	International Journal of Pharmaceutical Research	11	4		301	308	10.31838/ijpr/2019.11.04.059
Jyothi P.; Koppu S.; Sumalatha V.; Ushaiah B.; Gyana Kumari C.	Synthesis, characterisation, cytotoxicity, DNA binding and antimicrobial studies of binary and ternary metal complexes of Co (II)	2019	Inorganic Chemistry Communications	110		107590			10.1016/j.inoch.2019.107590
Naresh P.; Priya S.A.; Mohan P.M.; Kavitha B.; Narsimlu N.; Sreenivasu D.; Srinivas C.; Naik J.L.; Kumar K.S.	Effect of network modifier ZnO on the dielectric studies of lithium borate tellurite glasses for battery and photonic device applications	2019	AIP Conference Proceedings	2162		20007			10.1063/1.5130217
Ayodhya D.; Veerabhadram G.	Facile thermal fabrication of CuO nanoparticles from Cu(II)-Schiff base complexes and its catalytic reduction of 4-nitrophenol, antioxidant, and antimicrobial studies	2019	Chemical Data Collections	23		100259			10.1016/j.cdc.2019.100259
Sudhakar B.; Narsimha V.B.; Narsimha G.	A contextual deep clustering based intrusion detection method for cloud	2019	International Journal of Advanced Science and Technology	28	18		349	359	
Ahmad S.I.; Suresh M.B.; Kumar D.R.	Structural, morphological, dielectric and room-temperature magnetic studies of Ce <sup>3+</sup> substituted nano crystalline cobalt ferrite	2019	AIP Conference Proceedings	2162		20085			10.1063/1.5130295

Gurulakshmi M.; Meenakshamma A.; Susmitha K.; Charanadhar N.; Srikanth V.V.S.S.; Narendra Babu S.; Venkata Subbaiah Y.P.; Venkateswarlu K.; Raghavender M.	A transparent and Pt-free all-carbon nanocomposite counter electrode catalyst for efficient dye sensitized solar cells	2019	Solar Energy	193			568	575	10.1016/j.soler.2019.09.081
Challa N.S.R.; Kesari P.; Ammana S.R.; Katukojwala S.; Achanta D.S.	Design and implementation of bluetooth-beacon based indoor positioning system	2019	2019 5th IEEE International WIE Conference on Electrical and Computer Engineering			9019997			10.1109/WIECON-ECE48653.2019.9019997
Kumar C.P.; Sreenivasa Rao E.; Chandrasekhar P.	Impact of process variations on delay in carbon nanotube based bus interconnects at different technology nodes	2019	International Journal of Engineering and Advanced Technology	9	1		5506	5512	10.35940/ijeat.A2034.109119
Hassanpour M.; Pamouzar D.	Evaluation of Iranian household appliance industries using MCDM models	2019	Operational Research in Engineering Sciences: Theory and Applications	2	3		1	25	10.31181/oresta1903001h
Misbhauddin M.; Malik M.A.; Mohiuddin A.H.	An Initial Framework for Mobile Healthcare Systems using Deep Neural Networks	2019	Proceedings of the 2019 IEEE 9th International Conference on Advanced			8971543	205	210	10.1109/IACC48062.2019.8971543
Akula S.; Vanamamalai V.K.; Nair RU V.P.; Vudem D.R.; Kancharla R.K.	Elucidation of conformational diversity of druggable enzymes and classification of chemical modulators based on inhibitor-bound structures	2019	Journal of Biomolecular Structure and Dynamics	37	17		4563	4568	10.1080/07391102.2018.1553740
Rao K.D.; Babu T.A.	Performance Analysis of QC-LDPC and Polar Codes for eMBB in 5G Systems	2019	Proceedings - 2019 International Conference on Electrical, Electronics and			8980142			10.1109/UPCON47278.2019.8980142
Dingari M.; Reddy D.M.; Sumalatha V.	Air traffic forecasting using artificial neural networks	2019	International Journal of Scientific and Technology Research	8	10		556	559	

Jakinala P.; Lingampally N.; Kyama A.; Hameeda B.	Enhancement of atrazine biodegradation by marine isolate Bacillus velezensis MHNK1 in presence of surfactin lipopeptide	2019	Ecotoxicology and Environmental Safety	182		109372			10.1016/j.ecoen.2019.109372
Sreeshobha E.; Prasad P.V.N.	Markov Modelling Based Reliability Evaluation of UPFC Incorporated IEEE 9 Bus System	2019	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2019-October		8929651	1706	1710	10.1109/TENCON.2019.8929651
Chenna Reddy K.; Premkumar B.; Yellaiah G.	Latitudinal difference in meteor trail ionization heights and identification of meteor showers	2019	Astrophysics and Space Science	364	11	203			10.1007/s10509-019-3687-9
Ramesh S.; Ravinder D.; Naidu K.C.B.; Kumar N.S.; Srinivas K.; Baba Basha D.; Chandra Sekhar B.	A review on giant piezoelectric coefficient, materials and applications	2019	Biointerface Research in Applied Chemistry	9	5		4205	4216	10.33263/BRIAC.95.205216
Shankaraiah P.; Sunitha V.; Kumar A.K.; Madhu R.	Microwave assisted synthesis of N-(1-isopropyl-2-oxoindolin-5-yl) substituted amide derivatives and their antimicrobial activity	2019	Rasayan Journal of Chemistry	12	4		1850	1856	10.31788/RJC.2019.1245445
Ahammed S.; Ahmed M.R.; Hameed A.; Chary M.N.; Shareefuddin M.	EPR and optical properties of alkali halo cadmium borate glasses containing vanadium ions	2019	AIP Conference Proceedings	2162		20042			10.1063/1.5130252
Anthony P.; Behnoee B.; Hassanpour M.; Pamucar D.	Financial performance evaluation of seven indian chemical companies	2019	Decision Making: Applications in Management and Engineering	2	2		81	99	10.31181/dma-me1902021a
Srividya P.; Devi L.N.	An IoT Based Vehicular Pollution Monitoring System for Automobile	2019	ACM International Conference Proceeding Series				173	176	10.1145/3372422.3372424

Ahmad S.I.; Rauf A.; Mohammed T.; Bahafi A.; Ravi Kumar D.; Suresh M.B.	Dielectric, impedance, AC conductivity and low-temperature magnetic studies of Ce and Sm co-substituted nanocrystalline cobalt ferrite	2019	Journal of Magnetism and Magnetic Materials	492		165666			10.1016/j.jmm.2019.165666
Jorige A.; Punyavathi K.M.	The need to confront antimicrobial resistance in India	2019	European Journal of Clinical Pharmacy	21	4		213	220	
Phaneendra K.; Lalu M.	Numerical solution of singularly perturbed delay differential equations using gaussian quadrature method	2019	Journal of Physics: Conference Series	1344	1	12013			10.1088/1742-6596/1344/1/012013
Sakram B.; Kurumanna A.; Ashok K.; Rambabu S.; Ravi D.; Sathish Kumar B.	Synthesis and Antibacterial Activity of Novel 3-N-Substituted 1,8-Naphthyridin-2(1H)-ones	2019	Russian Journal of General Chemistry	89	12		2534	2543	10.1134/S1070363219120338
Gugulothu R.; Bhalke S.V.; Naik A.A.; Lalkishore K.; Dasari R.	Multi-chip module based GaAs MMICs packaging for L-band high gain application	2019	2019 IEEE MTT-S International Microwave and RF Conference, IMARC 2019			9118771			10.1109/IMARC45935.2019.9118771
Edupuganti S.; Tahinyath S.; Anusha	Brassinosteroids stimulate nitrogen metabolism of pigeon pea plants under water deficit conditions	2019	International Journal of Recent Technology and Engineering	8	3 Special Issue		300	307	10.35940/ijrte.C1067.1083519
Reddy V.; Manjula G.	The Optimal Size of Multiple DG Units in Distribution Network with Change of Load	2019	2019 Global Conference for Advancement in Technology, GCAT 2019			8978350			10.1109/GCAT47503.2019.8978350
Kalpana B.; Murthy D.K.; Balakrishna N.	9p21.3 coronary artery disease risk locus and interferon alpha 21: Association study in an Asian Indian population	2019	Indian Heart Journal	71	6		476	480	10.1016/j.ihj.2019.10.004

Sirisha B.; Sandhya B.; Paidimarry C.S.; Sastry A.S.C.	A Framework for Image Alignment of TerraSAR-X Images Using Fractional Derivatives and View Synthesis Approach	2020	Journal of Intelligent Systems	29	1		364	377	10.1515/jisys-2017-0381
Komaraiah D.; Radha E.; Kalarikkal N.; Sivakumar J.; Ramana Reddy M.V.; Sayanna R.	Structural, optical and photoluminescence studies of sol-gel synthesized pure and iron doped TiO2 photocatalysts	2019	Ceramics International	45	18		25060	25068	10.1016/j.ceramint.2019.03.170
Kairamkonda D.D.; Chandana Kodimela S.; Kuchulakanti H.	Blind mate: A friend to the blind	2019	2019 IEEE 16th India Council International Conference, INDICON 2019 - Symposium			9028921			10.1109/INDICON47234.2019.9028921
Venkatesh N.; Naveen B.; Venugopal A.; Suresh G.; Mahipal V.; Manojkumar P.; Parthasarathy T.	Donor-acceptor complex of 1-benzoylpiperazine with p-chloranil: Synthesis, spectroscopic, thermodynamic and computational DFT gas phase/PCM analysis	2019	Journal of Molecular Structure	1196			462	477	10.1016/j.molstruc.2019.06.083
Sapavatu S.N.; Jadi R.K.	Formulation development and characterization of gastroretentive drug delivery systems of loratadine	2019	International Journal of Applied Pharmaceutics	11	6		91	99	10.22159/ijap.2019v11i6.35194
Prasanna S.V.S.N.D.L.; Suresh Kumar N.	Simulation and analytical estimation of spillway flip bucket parameters	2019	International Journal of Innovative Technology and Exploring Engineering	8	12		4062	4066	10.35940/ijitee.L3632.1081219
Rupula K.; Kosuri T.; Gul M.Z.; Sharma B.; Beedu S.R.	Immuno-analytical method development for detection of transgenic Cry1Ac protein and its validation	2019	Journal of the Science of Food and Agriculture	99	15		6903	6910	10.1002/jsfa.9976
Dingari M.; Reddy D.M.; Sumalatha V.	Time series analysis for long memory process of air traffic using arfima	2019	International Journal of Scientific and Technology Research	8	10		395	400	

Tasneem S.; Yasmeen R.	Acute toxicity, behaviour studies and histopathological studies in fish - Cyprinus carpio following exposure to Karanjin based biopesticides - Derisom	2019	Journal of Advanced Zoology	40	2		155	167	
Rani H.P.; Narayana V.; Rameshwar Y.	Analysis of field synergy in bottom heated lid driven cubical cavity	2019	E3S Web of Conferences	128		7007			10.1051/e3sconf/201912807007
Venkataramana K.; Madhuri C.; Madhusudan C.; Suresh Reddy Y.; Vishnuvardhan Reddy C.	Investigation on micro-structural, structural, electrical and thermal properties of La <sup>3+</sup> , Sm <sup>3+</sup> & Gd <sup>3+</sup> triple-doped ceria as solid-electrolyte for intermediate temperature-solid oxide fuel cell applications	2019	Journal of Applied Physics	126	14	144901			10.1063/1.5113890
Jayababu N.; Poloju M.; Shruthi J.; Reddy M.V.R.	Ultrasensitive resistivity-based ethanol sensor based on the use of CeO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> core-shell microclusters	2019	Microchimica Acta	186	11	712			10.1007/s00604-019-3809-7
Boddu L.; Potlapati V.; Subhashini N.J.P.	Synthesis of novel isoindolone-based medium-sized macromolecules and triazole containing heterocyclic compounds	2019	Journal of Heterocyclic Chemistry	56	12		3197	3205	10.1002/jhet.3704
Venkateshwara Rao J.	Homology modeling and characterization of novel stress inducing genes and their split sites recognition in the genome of Zebra fish (Danio Rario) by employing special consensus pattern matching algorithms-using an in-Silico method	2019	International Journal of Engineering and Advanced Technology	9	1		6715	6720	10.35940/ijeat.A2003.109119
Thokala S.; Bodiga V.L.; Kudle M.R.; Bodiga S.	Comparative Response of Cardiomyocyte ZIPs and ZnTs to Extracellular Zinc and TPEN	2019	Biological Trace Element Research	192	2		297	307	10.1007/s12011-019-01671-0
Bhukya S.N.; Pabboju S.	Software engineering: risk features in requirement engineering	2019	Cluster Computing	22			14789	14801	10.1007/s10586-018-2417-3

Ravi G.; Sarasija M.; Ayodhya D.; Kumari L.S.; Ashok D.	Facile synthesis, characterization and enhanced catalytic reduction of 4-nitrophenol using NaBH <sub>4</sub> by undoped and Sm <sup>3+</sup> , Gd <sup>3+</sup> , Hf <sup>3+</sup> doped La <sub>2</sub> O <sub>3</sub> nanoparticles	2019	Nano Convergence	6	1	12			10.1186/s40580-019-0181-6
Puvvala S.S.; Muddanuru T.; Thangella P.A.V.; Kumar O.A.; Chakravartty N.; Vettath V.K.; Katta A.V.S.K.M.; Lekkala S.P.; Kuriakose B.; Gupta S.; Mulpuri S.; Lachagari V.B.R.	Deciphering the transcriptomic insight during organogenesis in Castor ( <i>Ricinus communis</i> L.), Jatropha ( <i>Jatropha curcas</i> L.) and Sunflower ( <i>Helianthus annuus</i> L.)	2019	3 Biotech	9	11	434			10.1007/s13205-019-1960-9
Potlapally A.; Chowdary P.S.R.; Raja Shekhar S.S.; Mishra N.; Madhuri C.S.V.D.; Prasad A.V.V.	Instance Segmentation in Remote Sensing Imagery using Deep Convolutional Neural Networks	2019	Proceedings of the 4th International Conference on Contemporary Computing and			9055569	117	120	10.1109/IC3I46837.2019.9055569
Santhoshi D.; Karthikeya G.S.; Shivani G.; Rama Krishna D.; Koul S.K.	Dielectric loaded polycarbonate based antipodal Vivaldi antenna for mmWave 5G applications	2019	2019 IEEE Indian Conference on Antennas and Propagation, InCAP 2019			9134512			10.1109/InCAP47789.2019.9134512
Sekhar K.C.; Rao G.V.; Chary B.S.; Phani A.V.L.; Sathe V.G.; Narsimlu N.; Shareefuddin M.	Raman study on lead halo borate glasses: Effect of PbO as modifier	2019	AIP Conference Proceedings	2162		20144			10.1063/1.5130354
Rao P.A.; Krishna D.R.; Pandharipande V.M.	Multi band Multi standard 50W high efficiency and highly linear power amplifier for macro base stations	2019	Asia-Pacific Microwave Conference Proceedings, APMC	2019-December		9038430	1652	1654	10.1109/APMC46564.2019.9038430
Srinivasulu C.; Srinivasulu A.; Srinivasulu B.; Jones G.	Integrated approaches to identifying cryptic bat species in areas of high endemism: The case of <i>Rhinolophus andamanensis</i> in the Andaman Islands	2019	PLoS ONE	14	10	e0213562			10.1371/journal.pone.0213562
Archana C.H.; Raju S.M.K.; Yadhav S.S.; Konagala R.K.; Manthana S.R.K.; Teja P.R.	Effect of surface pretreatment and thermal activation of silane coupling agent on bond strength of fiber posts to resin cement	2019	Journal of Contemporary Dental Practice	20	11		1293	1296	10.5005/jp-journals-10024-2687

Rani H.P.; Naresh K.; Rameshwar Y.	Field Synergy Principle for Natural Convective Rotating Fluid Flow Past a Vertical Cylinder	2019	E3S Web of Conferences	128		1021			10.1051/e3sconf/201912801021
Mude S.; Bhukya R.N.	Minimization of bit error rate in polar codes for achieving channel capacity	2019	International Journal of Engineering and Advanced Technology	9	1		1433	1436	10.35940/ijeat.A1233.109119
Venkateshwara Rao J.	Insilico characterization, phylogenetic analysis and homology based 3D structural modeling of HSPA4 heat shock protein family a (Hsp70) member 4 from homo sapiens (human)	2019	International Journal of Engineering and Advanced Technology	9	1		3086	3091	10.35940/ijeat.A9476.109119
Ayodhya D.; Veerabhadram G.	Hydrothermally fabricated surfactant-free CuxAg1?xS composites with enhanced photocatalytic activity and stability	2019	Materials Science and Technology (United Kingdom)	35	18		2259	2268	10.1080/02670836.2019.1669870
Daravath S.; Rambabu A.; Shankar D.S.; Shivaraj	Structure elucidation of copper(II), cobalt(II) and nickel(II) complexes of benzothiazole derivatives: Investigation of DNA binding, nuclease efficacy, free radical scavenging and biocidal properties	2019	Chemical Data Collections	24		100293			10.1016/j.cdc.2019.100293
Singh S.J.; Kumar U.A.; Laxminarayana P.; Kishore K.	Experimental study on non-ferrous metals coating over mild steel using friction surfacing	2019	AIP Conference Proceedings	2200		20057			10.1063/1.5141227
Divya K.; Kavi Kishor P.B.; Bhatnagar-Mathur P.; Singam P.; Sharma K.K.; Vadez V.; Reddy P.S.	Isolation and functional characterization of three abiotic stress-inducible (Apx, Dhn and Hsc70) promoters from pearl millet (Pennisetum glaucum L.)	2019	Molecular Biology Reports	46	6		6039	6052	10.1007/s11033-019-05039-4
Praveena Devi C.H.B.; Vijay K.; Hari Babu B.; Adil S.F.; Mujahid Alam M.; Vijjulatha M.; Ansari M.B.	CuSO4/sodium ascorbate catalysed synthesis of benzosuberone and 1,2,3-triazole conjugates: Design, synthesis and in vitro anti-proliferative activity	2019	Journal of Saudi Chemical Society	23	7		980	991	10.1016/j.jscs.2019.05.002



Yadav I.S.; Pahi D.; Gangakhedkar R.	Financial Markets Development and Financing Choice of Firms: New Evidence from Asia	2019	Asia-Pacific Financial Markets	26	4		429	451	10.1007/s10690-019-09273-5
Sandhya M.V.S.; Rajkumar K.; Burgula S.	Efficient eco-friendly approach towards bimetallic nanoparticles synthesis and characterization using Exiguobacterium aestuarii by statistical optimization	2019	Green Chemistry Letters and Reviews	12	4		420	434	10.1080/17518253.2019.1687762
Venkataswamy P.; Jampaiah D.; Mukherjee D.; Reddy B.M.	CuO/Zn-CeO <sub>2</sub> Nanocomposite as an Efficient Catalyst for Enhanced Diesel Soot Oxidation	2019	Emission Control Science and Technology	5	4		328	341	10.1007/s40825-019-00137-y
Josyula Venkata R.M.; Muduganti P.R.	Hall effect on steady mhd flow and heat transfer of a viscous fluid in a rectangular channel with suction and injection	2019	E3S Web of Conferences	128		7008			10.1051/e3sconf/201912807008
Jayababu N.; Poloju M.; Shruthi J.; Reddy M.V.R.	Synthesis of ZnO/NiO nanocomposites for the rapid detection of ammonia at room temperature	2019	Materials Science in Semiconductor Processing	102		104591			10.1016/j.mssp.2019.104591
Phaneendra K.; Emineni S.P.	Variable mesh non polynomial spline method for singular perturbation problems exhibiting twin layers	2019	Journal of Physics: Conference Series	1344	1	12011			10.1088/1742-6596/1344/1/012011
Altaf M.I.; Reddy M.; Ahmad A.	Dielectric properties of human blood of patients suffering from renal failure	2019	AIP Conference Proceedings	2200		20036			10.1063/1.5141206
Nandigama S.V.; Krishna D.R.; Pandharipande V.M.; Pal T.K.; Prasad B.S.V.	A W-band compact dual reflector cassegrain antenna for monopulse tracking radar	2019	Asia-Pacific Microwave Conference Proceedings, APMC	2019- December		9038477	1226	1228	10.1109/APMC46564.2019.9038477

Subramanian J.; Katta A.; Masood A.; Vudem D.R.; Kancha R.K.	Emergence of ERBB2 Mutation as a Biomarker and an Actionable Target in Solid Cancers	2019	Oncologist	24	12		e1303	e1314	10.1634/theoncologist.2018-0845
Surapaneni M.; Vemireddy L.R.; Hameedunnisa B.; Reddy B.P.; Anwar S.Y.; Siddiq E.A.	Genetic Variability and DNA Fingerprinting of Elite Mango Genotypes of India Using Microsatellite Markers	2019	Proceedings of the National Academy of Sciences India Section B - Biological	89	4		1251	1258	10.1007/s40011-018-1043-4
Amara V.R.; Basa A.; Mallavarapu U.M.; Vatti C.; Gopireddy S.V.; Anumakonda V.	Preparation and properties of cotton nanocomposite fabrics with in situ generated copper nanoparticles using Red sanders powder extract as a reducing agent	2019	Inorganic and Nano-Metal Chemistry	49	10		343	348	10.1080/24701556.2019.1661437
Shruthi J.; Jayababu N.; Ghosal P.; Ramana Reddy M.V.	Ultrasensitive sensor based on Y2O3-In2O3 nanocomposites for the detection of methanol at room temperature	2019	Ceramics International	45	17		21497	21504	10.1016/j.ceramint.2019.07.141
Vijaya Babu P.; Ashfaq M.A.; Shiva Kumar K.; Mukkanti K.; Pal M.	Mefenamic acid based novel indole analogues: Their synthesis and anti-proliferative effects	2019	Arabian Journal of Chemistry	12	8		2749	2759	10.1016/j.arabj.2015.05.018
Ravi C.; Vuradi R.K.; Avudoddi S.; Yata P.K.; Putta V.R.; Srinivas G.; Merugu R.; Satyanarayana S.	Synthesis, spectral studies, DNA binding, photocleavage, antimicrobial and anticancer activities of isoindol Ru(II) polypyridyl complexes	2019	Nucleosides, Nucleotides and Nucleic Acids	38	10		788	806	10.1080/15257770.2019.1610890
Reddy R.J.; Shankar A.; Kumari A.H.	An Efficient Sequential One-Pot Approach for the Synthesis of C3-Functionalized Imidazo[1,2-a]pyridines under Transition-Metal Free Conditions	2019	Asian Journal of Organic Chemistry	8	12		2269	2275	10.1002/ajoc.201900606
Kodide K.; Asadi P.; Thati J.	Solubility and Thermodynamic Modeling of Sulfanilamide in 12 Mono Solvents and 4 Binary Solvent Mixtures from 278.15 to 318.15 K	2019	Journal of Chemical and Engineering Data	64	12		5196	5209	10.1021/acs.jced.9b00411

Thomas L.A.; Bharathi A.	Design of a metal-only reflectarray for ku-band DTH applications	2019	2019 IEEE Indian Conference on Antennas and Propagation, InCAP 2019			9134467			10.1109/InCAP47789.2019.9134467
Ashok D.; Madhuri E.V.L.; Sarasija M.; Sree Kanth S.; Vijjulatha M.; Gayatri A.A.; Sagurthi S.R.; Krishna N.S.	Synthesis of Biaryl Derivatives of Spirofurochromanone in Water and Their Anticancer Activity	2019	Russian Journal of General Chemistry	89	10		2129	2135	10.1134/S1070363219100220
Kumar A.; Sharma M.; Gahlaut V.; Nagaraju M.; Chaudhary S.; Kumar A.; Tyagi P.; Gajula M.N.V.P.; Singh K.P.	Genome-wide identification, characterization, and expression profiling of SPX gene family in wheat	2019	International Journal of Biological Macromolecules	140			17	32	10.1016/j.ijbiomac.2019.08.105
Bharathi E.; Santha Lakshmi Prasad M.; Yadav P.; Bee H.	Defense responses to Fusarium oxysporum f. sp. ricini infection in castor (Ricinus communis L.) cultivars	2019	Indian Phytopathology	72	4		647	656	10.1007/s42360-018-00105-6
Tian H.; Yuan L.; Wang J.; Wu H.; Wang H.; Xiang A.; Ashok B.; Rajulu A.V.	Electrospinning of polyvinyl alcohol into crosslinked nanofibers: An approach to fabricate functional adsorbent for heavy metals	2019	Journal of Hazardous Materials	378		120751			10.1016/j.jhazmat.2019.120751
Rao K.P.	Foreword	2019	Essentials of Bioinformatics Volume II: In Silico Life Sciences: Medicine				vii	viii	
Edupuganti S.; Tahinyath S.; Anusha	Brassinosteroids promote photosynthetic parameters of pigeon pea plants under water deficit conditions	2019	International Journal of Recent Technology and Engineering	8	3 Special Issue		312	321	10.35940/ijrte.C1069.1083S19
Mettu A.; Talla V.; Bajaj D.M.; Subhashini N.J.P.	Design, synthesis, and molecular docking studies of novel pyrazolyl 2-aminopyrimidine derivatives as HSP90 inhibitors	2019	Archiv der Pharmazie	352	10	1900063			10.1002/ardp.201900063

Gurrula S.; Shivaraj; Subrahmanyam C.V.S.; Anumolu P.D.; Saraf G.	Analytical quality by design assisted HPLC method for quantification of canagliflozin/ metformin and stability studies	2019	Indian Journal of Pharmaceutical Education and Research	53	4		s699	s709	10.5530/ijper.53.4s.167
Chaitanya M.V.N.L.; Kumar P.N.; Obula Reddy C.; Madhuri K.; Shanthi K.; Jubie S.	In-silico docking studies of phytometabolites from traditional plant rujamari ( <i>Rosmarinus officinalis</i> ) against human topoisomerases i&ii	2019	International Journal of Pharmaceutical Research	11	4		918	936	10.31838/ijpr/2019.11.04.088
Peela S.; Girijashankar V.; Ponamgi S.P.D.; Mandali N.; Nagaraju G.P.	Novel tetracycline SBR-22 is a functional moiety deviation and bioactive against multidrug resistant strains	2019	Process Biochemistry	85			213	218	10.1016/j.procbio.2019.06.022
Rao N.L.	Foreword	2019	Innovations in the Designing and Marketing of Information Services				xii	xiii	
Dutta Gupta S.; Bommaka M.K.; Banerjee A.	Inhibiting protein-protein interactions of Hsp90 as a novel approach for targeting cancer	2019	European Journal of Medicinal Chemistry	178			48	63	10.1016/j.ejmec.2019.05.073
Kandula V.; Pudutha A.; Kumari P.H.; Kumar S.A.; Kavi Kishor P.B.; Anupalli R.R.	Overexpression of Sorghum plasma membrane-bound Na <sup>+</sup> /H <sup>+</sup> antiporter-like protein (SbNHXL) enhances salt tolerance in transgenic groundnut ( <i>Arachis hypogaea</i> L.)	2019	Plant Cell, Tissue and Organ Culture	138	2		325	337	10.1007/s11240-019-01628-0
Ayodhya D.; Veerabhadram G.	Stable and efficient graphitic carbon nitride nanosheet-supported ZnS composite catalysts toward competent catalytic performance for the reduction of 4-nitrophenol using NaBH <sub>4</sub>	2019	Materials Today Sustainability	5		100015			10.1016/j.mtsust.2019.100015
Gugulothu V.; Ahemed J.; Subburu M.; Yadagiri B.; Mittal R.; Prabhakar C.; Pola S.	Evolution of physical and photocatalytic properties of new Zn(II) and Ru(II) complexes	2019	Polyhedron	170			412	423	10.1016/j.poly.2019.05.065

Ayodhya D.; Veerabhadram G.	Fabrication of Schiff base coordinated ZnS nanoparticles for enhanced photocatalytic degradation of chlorpyrifos pesticide and detection of heavy metal ions	2019	Journal of Materiomics	5	3		446	454	10.1016/j.jmat.2019.02.002
Reddy S.K.K.; Sahadevan D.K.; Gupta H.; Reddy D.V.	GIS-based prediction of groundwater fluoride contamination zones in Telangana, India	2019	Journal of Earth System Science	128	5	132			10.1007/s12040-019-1151-4
Ramesh P.; Rao V.S.; Hong Y.-A.; Reddy P.M.; Hu A.	Molecular design, synthesis, and biological evaluation of 2-hydroxy-3-chrysin dithiocarbamate derivatives	2019	Molecules	24	17	3038			10.3390/molecules24173038
Divya Bhanu B.; Ulaganathan K.; Shanker A.K.	Seasonal variation in expression pattern of genes in irrigated and water stressed transcriptomes of Zea mays Z59	2019	Journal of Plant Biochemistry and Biotechnology	28	3		271	279	10.1007/s13562-018-0475-5
Praveenkumar E.; Gurrapu N.; Kumar Kolluri P.; Yerragunta V.; Reddy Kunduru B.; Subhashini N.J.P.	Synthesis, anti-diabetic evaluation and molecular docking studies of 4-(1-aryl-1H-1, 2, 3-triazol-4-yl)-1,4-dihydropyridine derivatives as novel 11- $\beta$ -hydroxysteroid dehydrogenase-1 (11 $\beta$ -HSD1) inhibitors	2019	Bioorganic Chemistry	90		103056			10.1016/j.bioorg.2019.103056
Kadari R.; Ravi G.; Venkataswamy P.; Velchuri R.; Munirathnam N.R.; Vithal M.	Effect of ion (Ag <sup>+</sup> , N <sup>3-</sup> ) doping on the photocatalytic activity of the Ruddlesden–Popper-type layered perovskite K <sub>2</sub> Nd <sub>2</sub> Ti <sub>3</sub> O <sub>10</sub>	2019	Comptes Rendus Chimie	22	45545		667	677	10.1016/j.crci.2019.10.004
Kadali S.; Naushad S.M.; Radha Rama Devi A.; Bodiga V.L.	Biochemical, machine learning and molecular approaches for the differential diagnosis of Mucopolysaccharidoses	2019	Molecular and Cellular Biochemistry	458	45293		27	37	10.1007/s11010-019-03527-6
Rani H.P.; Narayana V.; Rameshwar Y.	Analysis of aspect ratio effects of left heated 2D cavity using energy streamlines and field synergy principle	2019	Mathematical Modelling of Engineering Problems	6	3		437	448	10.18280/mme.p.060316

Raju P.; Murthy S.R.	Microstructure, frequency and temperature dependent dielectric properties of zinc ferrites	2019	AIP Conference Proceedings	2115		30113			10.1063/1.5112952
Sastri M.V.S.S.; Jagannadha Rao K.; Bhikshma V.	Estimation of compressive strength of concrete by testing the pozzolanic reactions of blended cement mortars using bolomey's equation	2019	International Journal of Recent Technology and Engineering	8	3		6525	6534	10.35940/ijrte.C5217.098319
Madhavaram M.; Nampally V.; Gangadhari S.; Palnati M.K.; Tigulla P.	High-throughput virtual screening, ADME analysis, and estimation of MM/GBSA binding-free energies of azoles as potential inhibitors of Mycobacterium tuberculosis H37Rv	2019	Journal of Receptors and Signal Transduction	39	4		312	320	10.1080/10799893.2019.1660895
Madhu M.; Shashikumar N.S.; Mahanthesh B.; Gireesha B.J.; Kishan N.	Heat transfer and entropy generation analysis of non-Newtonian fluid flow through vertical microchannel with convective boundary condition	2019	Applied Mathematics and Mechanics (English Edition)	40	9		1285	1300	10.1007/s10483-019-2516-9
Soujanya K.; Upender J.; Srinivas S.; Vijaya Laxmi J.	Hybrid fuzzy based MPPT techniques for maximum power extraction	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 8		1140	1148	10.35940/ijrte.B1027.08825819
Ramesh A.; Satish Goud M.; Venkat Ramayya V.; Kumar M.; Vinayaka Ram V.	Influence of Bitumen Modification and Gradation on Performance Characteristics of Asphalt Pavements	2019	Journal of The Institution of Engineers (India): Series A	100	3		407	416	10.1007/s40030-019-00369-9
Mahendrakar M.D.; Kumar S.; Singh R.B.; Rathore A.; Potupureddi G.; Kavi Kishor P.B.; Gupta R.; Srivastava R.K.	Genetic variability, genotype × environment interaction and correlation analysis for grain iron and zinc contents in recombinant inbred line population of pearl millet [Pennisetum glaucum (L). R. Br.]	2019	Indian Journal of Genetics and Plant Breeding	79	3		545	551	10.31742/IJGPB.79.3.3
Venu D.; Koteshwara Rao N.V.	Weight matrix-based least mean square algorithm for target detection in passive radars	2019	International Journal of Engineering and Advanced Technology	8	6		1576	1579	10.35940/ijeat.F8166.088619

Kumar B.P.; Paidimarry C.S.	Development of custom interface driver between USRP and soc devices for SDR applications	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		2094	2098	10.35940/ijitee.K1969.0981119
Zwart R.S.; Thudi M.; Channale S.; Manchikata P.K.; Varshney R.K.; Thompson J.P.	Resistance to Plant-Parasitic Nematodes in Chickpea: Current Status and Future Perspectives	2019	Frontiers in Plant Science	10		966			10.3389/fpls.2019.00966
Raman B.V.; Hegde N.P.; Naik N.V.; Kishore Reddy A.S.	A deep learning for the generation of textual story corresponding to a sequence of images	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11		2419	2422	10.35940/ijrte.B1279.098251119
Ashok D.; Nagaraju N.; Lakshmi B.V.; Sarasija M.	Microwave Assisted Synthesis of 5-[4-(3-Phenyl-4,5-dihydro-1H-pyrazol-5-yl)phenyl]-1H-tetrazole Derivatives and Their Antimicrobial Activity	2019	Russian Journal of General Chemistry	89	9		1905	1910	10.1134/S1070363219090275
Padmavathi U.	Block chain technology progress and challenges in capital markets	2019	International Journal of Innovative Technology and Exploring Engineering	8	11 Special Issue		850	852	10.35940/ijitee.K1152.09811519
Li J.; Zhang J.; Natarajan H.; Zhang J.; Ashok B.; Rajulu Anumakonda V.	Modification of agricultural waste tamarind fruit shell powder by in situ generation of silver nanoparticles for antibacterial filler applications	2019	International Journal of Polymer Analysis and Characterization	24	5		421	427	10.1080/1023666X.2019.1602319
Korrai P.K.; Rao K.D.	Performance analysis of downlink mmWave networks under LoS/NLoS propagation with blockage and directional beamforming	2019	Telecommunication Systems	72	1		53	68	10.1007/s11235-019-00547-x
Jayababu N.; Poloju M.; Shruthi J.; Reddy M.V.R.	Semi shield driven p-n heterostructures and their role in enhancing the room temperature ethanol gas sensing performance of NiO/SnO2 nanocomposites	2019	Ceramics International	45	12		15134	15142	10.1016/j.ceramint.2019.04.255

Maheshwari P.; Kumhari D.; Palakolanu S.R.; Nagasai Tejaswi U.; Nagaraju M.; Rajasheker G.; Jawahar G.; Jalaja N.; Rathnagiri P.; Kavi Kishor P.B.	Genome-wide identification and expression profile analysis of nuclear factor Y family genes in Sorghum bicolor L. (Moench)	2019	PLoS ONE	14	9	e0222203			10.1371/journal.pone.0222203
Anantha B.; Merugu L.	Dual-band rectangular dielectric resonator antenna	2019	2019 IEEE International Symposium on Antennas and Propagation and USNC-URSI			8888375	75	76	10.1109/APUSN CURSINRSM.2019.8888375
Bhoomandla S.; Gunda S.K.; Kotoori S.; Kanuparth P.R.	Synthesis of Novel Alkyl Amide Functionalized Trifluoromethyl Substituted Furo/thieno Pyridine Derivatives: Their Anticancer Activity and CoMFA and CoMSIA Studies	2019	Journal of Heterocyclic Chemistry	56	7		1986	1998	10.1002/jhet.3578
Mangalarapu M.; Vinukonda S.; Komaravalli P.L.; Nagula P.; Koduganti R.R.; Korripally P.; Sagurthi S.R.	Association of CDKN2BAS gene polymorphism with periodontitis and Coronary Artery Disease from South Indian population	2019	Gene	710			324	332	10.1016/j.gene.2019.06.002
Bharadwaj S.; Burnwal S.K.; Deb S.; Ragini S.; Murthy S.R.	Permittivity Relaxation Variation for Additive Doping in Cobalt Ferrite at High Frequencies	2019	Integrated Ferroelectrics	201	1		155	162	10.1080/10584587.2019.1668699
Chintham S.; Thirupathi V.	Energy efficient methods for topology control problem of wireless sensor network	2019	International Journal of Recent Technology and Engineering	8	2		2943	2946	10.35940/ijrteB2644.078219
Habeebrakuman R.; Kaki S.S.; Bethala Lakshmi Anu P.D.; Maloo S.; Vellanki B.; Mallampalli Sri Lakshmi K.	Influence of flour type on physico-chemical characteristics during deep frying	2019	Journal of Food Science and Technology	56	7		3471	3480	10.1007/s13197-019-03835-1
Nampally V.; Sharma M.R.	Rudimentary concepts of cloud computing approaches and future challenges for VANET system	2019	International Journal of Scientific and Technology Research	8	9		1799	1805	



Guguloth V.; Ahemed J.; Subburu M.; Guguloth V.C.; Chetti P.; Pola S.	A very fast photodegradation of dyes in the presence of new Schiff's base N4-macrocyclic Ag-doped Pd(II) complexes under visible-light irradiation	2019	Journal of Photochemistry and Photobiology A: Chemistry	382		111975			10.1016/j.jphotochem.2019.11.1975
Inamdar H.K.; Reddy N.; Khader S.A.; Naresh P.; Ambika Prasad M.V.N.; Durga Prasad G.S.	Polypyrrole/Cr <sub>2</sub> O <sub>3</sub> hybrid nanocomposites (NCs) prepared for their structural, morphological, optical and conductivity studies	2019	Composites Communications	14			21	28	10.1016/j.coco.2019.04.004
Pusphalatha R.; Ashok B.; Hariram N.; Rajulu A.V.	Nanocomposite polyester fabrics with in situ generated silver nanoparticles using tamarind leaf extract reducing agent	2019	International Journal of Polymer Analysis and Characterization	24	6		524	532	10.1080/1023666X.2019.1614265
Söderlund U.; Bleeker W.; Demirer K.; Srivastava R.K.; Hamilton M.; Nilsson M.; Pesonen L.J.; Samal A.K.; Jayananda M.; Ernst R.E.; Srinivas M.	Emplacement ages of Paleoproterozoic mafic dyke swarms in eastern Dharwar craton, India: Implications for paleoreconstructions and support for a 30° change in dyke trends from south to north	2019	Precambrian Research	329			26	43	10.1016/j.precamres.2018.12.017
Reddy T.A.; Paidimarry C.	Design and analysis of metamaterial unit cell ultra-wide band triangular antenna for C band applications	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		2788	2791	10.35940/ijtee.K2273.0981119
Ashok B.; Feng T.H.; Natarajan H.; Anumakonda V.R.	Preparation and characterization of tamarind nut powder with in situ generated copper nanoparticles using one-step hydrothermal method	2019	International Journal of Polymer Analysis and Characterization	24	6		548	555	10.1080/1023666X.2019.1626546
Shailaja K.; Kumar P.V.; Durga Bhavani S.	Teaching learning based optimization in semantic web of distributed rdf	2019	International Journal of Recent Technology and Engineering	8	2		5381	5389	10.35940/ijrte.B3191.078219
Alluri S.; Reddy N.S.S.; Rajendra Naik B.	Low power, high speed and low area of fin FET 4:1 multiplexer VLSI circuit design in 18nm technology	2019	International Journal of Recent Technology and Engineering	8	3		1368	1372	10.35940/ijrte.B3395.098319

Sravanthi K.; Ayodhya D.; Swamy P.Y.	Eco-friendly synthesis and characterization of phytogetic zero-valent iron nanoparticles for efficient removal of Cr(VI) from contaminated water	2019	Emergent Materials	2	3		327	335	10.1007/s42247-019-00041-9
Balnarsaiah B.; Prasad T.S.; Laxminarayana P.	Pixel based sar image classification using random forest algorithm	2019	International Journal of Innovative Technology and Exploring Engineering	8	10		4351	4356	10.35940/ijitee.J9873.0881019
Duduku K.; Anisuzzaman S.M.; Bono; Teo B.K.; Rao V.V.B.	Carbon dioxide capture using waste tire based adsorbent	2019	IOP Conference Series: Materials Science and Engineering	606	1	12006			10.1088/1757-899X/606/1/012006
Ayodhya D.; Veerabhadram G.	Facile fabrication, characterization and efficient photocatalytic activity of surfactant free ZnS, CdS and CuS nanoparticles	2019	Journal of Science: Advanced Materials and Devices	4	3		381	391	10.1016/j.jsamd.2019.08.006
Venkataswamy P.; Sunku M.; Gundeboina R.; Velchuri R.; Vithal M.	Fabrication of Novel Ag/AgBr/Cs2Nb4O11 Ternary Composite for Visible-Light Driven Photocatalysis	2019	Catalysis Letters	149	8		2332	2346	10.1007/s10562-019-02827-2
Madhu M.; Shashikumar N.S.; Gireesha B.J.; Kishan N.	Second law analysis of Powell-Eyring fluid flow through an inclined microchannel with thermal radiation	2019	Physica Scripta	94	12	125205			10.1088/1402-4896/ab32b7
Sridevi R.; Chandra Sekhar P.; Kumar V.R.; Satya Savithri T.	FDTD modeling with passive shielding for crosstalk reduction in coupled RLC interconnects	2019	International Journal of Recent Technology and Engineering	8	3		4965	4970	10.35940/ijrte.C5627.098319
Ravi C.; Vuradi R.K.; Avudoddi S.; Ramchander M.; Satyanarayana S.	Induction of Apoptosis in SKOV3 and DNA Binding by Cobalt(III) Polypyridyl Complexes	2019	Russian Journal of Bioorganic Chemistry	45	4		273	284	10.1134/S1068162019040095

Rani H.P.; Narayana V.; Rameshwar Y.	Mixed convective flow in a bottom heated lid-driven cubical cavity: Energy streamlines and field synergy	2019	Heat Transfer - Asian Research	48	6		2067	2081	10.1002/htj.21471
Saturi R.; Dara R.; Prem Chand P.	Extracting subset of relevant features for breast cancer to improve accuracy of classifier	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		1670	1674	10.35940/ijitee.K1507.0981119
Bhooshan M.; Rajanna K.C.; Govardhan D.; Venkanna P.; Satish Kumar M.	Kinetics and mechanism of trichloroisocyanuric acid/ $\text{NaNO}_2$ -triggered nitration of aromatic compounds under acid-free and Vilsmeier-Haack conditions	2019	International Journal of Chemical Kinetics	51	7		445	462	10.1002/kin.21268
Qureshi R.; Jakkula P.; Sagurthi S.R.; Qureshi I.A.	Protein phosphatase 1 of Leishmania donovani exhibits conserved catalytic residues and pro-inflammatory response	2019	Biochemical and Biophysical Research Communications	516	3		770	776	10.1016/j.bbrc.2019.06.085
Govardhan Reddy J.; Rambabu B.S.; Mohan N.L.	Two species commensalism model with harvesting by homotopy analysis method	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11		3584	3588	10.35940/ijrte.B1447.098251119
Hashim M.; Naidu K.C.B.; Helen Ruth Joice G.; Laxman Naik J.; Ravinder D.	Superparamagnetic and photocatalytic activity of $\text{CoCe}_0.02\text{Dy}_0.02\text{Fe}_{1.96}\text{O}_4$ nanoparticles synthesized by citrate-gel autocombustion technique	2019	Biointerface Research in Applied Chemistry	9	4		4146	4167	10.33263/BRIAC94.164167
Jyothi P.N.; Sireesha B.	Equilibrium and antibacterial studies of $\text{VO}(\text{II})$ and $\text{Zn}(\text{II})$ complexes with 1-propionyl-3-thiosemicarbazide	2019	Rasayan Journal of Chemistry	12	3		1530	1539	10.31788/RJC.2019.1235182
Swamy M.K.; Swapna M.; Sandeep T.; Venkateswar Rao P.	Synthesis and Antimicrobial Activity of (E)-2-[(1-Substituted Phenyl-1H-1,2,3-triazol-4-yl)methylene]-2,3-dihydro-1H-inden-1-ones	2019	Russian Journal of General Chemistry	89	9		1884	1886	10.1134/S107036321909024X

Komaraiah D.; Radha E.; James J.; Kalarikkal N.; Sivakumar J.; Ramana Reddy M.V.; Sayanna R.	Effect of particle size and dopant concentration on the Raman and the photoluminescence spectra of TiO <sub>2</sub> :Eu <sup>3+</sup> nanophosphor thin films	2019	Journal of Luminescence	211			320	333	10.1016/j.jlumin.2019.03.050
Shruthi J.; Jayababu N.; Reddy M.V.R.	Synthesis of Y <sub>2</sub> O <sub>3</sub> -ZnO nanocomposites for the enhancement of room temperature 2-methoxyethanol gas sensing performance	2019	Journal of Alloys and Compounds	798			438	445	10.1016/j.jallcom.2019.05.266
Thota S.P.; Peddapelli S.K.	Fuzzy Controller based Interline Unified Power Quality Conditioner (IUPQC) in Multi-feeder Systems	2019	2019 International Conference on Engineering, Science, and Industrial			8862990			10.1109/ICESI.2019.8862990
Raghavender M.; Shankar B.; Jalapathi P.; Perugu S.	Synthesis, Antibacterial Activity, and Cytotoxicity of Newly Synthesized N-Substituted 5,6-Dimethoxy-1H-indole Derivatives	2019	Russian Journal of General Chemistry	89	7		1496	1501	10.1134/S107036321907020X
Bolleddu R.; Venkatesh S.; Rao M.M.; Shyamsunder R.	Investigation of the pharmacognostical, phytochemical, and antioxidant studies of various fractions of dichrostachys cinerea root	2019	Journal of Nature and Science of Medicine	2	3		141	146	10.4103/JNSM.JNSM_56_18
Gorre M.; Sashidhar R.B.; Annamaneni S.; Digumarti R.; Satti V.	Demographic and clinical characteristics of chronic myeloid leukemia patients: A study on confined populations of Southern India	2019	Indian Journal of Medical and Paediatric Oncology	40	5		S70	S76	10.4103/ijmpo.ijmpo_141_17
Dharavath R.; Boda S.	A synthesis and biological screening of newly substituted 9-methyl-6-aryl-[1,2,4]triazolo[4,3-a][1,8]naphthyridines using chloranil	2019	Synthetic Communications	49	14		1741	1749	10.1080/00397911.2019.1587776
Rama Krishna D.; Pandharipande V.M.	Design and Development of Cavity-Backed Reconfigurable Square Spiral Antenna	2019	IETE Journal of Research	65	5		627	634	10.1080/03772063.2018.1509737

Kiran K.; Sarasija M.; Ananda Rao B.; Namratha V.; Ashok D.; Srinivasa Rao A.	Design, Synthesis, and Biological Activity of New Bis-1,2,3-triazole Derivatives Bearing Thiophene-Chalcone Moiety	2019	Russian Journal of General Chemistry	89	9		1859	1866	10.1134/S1070363219090214
Govardhan D.; Bhooshan M.; Saiprakash P.K.; Rajanna K.C.	Trichloroisocyanuric acid and NaNO <sub>2</sub> mediated nitration of indoles under acid-free and Vilsmeier–Haack conditions: synthesis and kinetic study	2019	SN Applied Sciences	1	9	1004			10.1007/s42452-019-1023-1
Ram Babu K.S.; Satyanarayana A.V.; Prabhu Kumar A.	SAP Implementation Impact of Working Capital on Inventory	2019	International Journal of Emerging Technology and Advanced Engineering	9	8		62	68	
Sumalatha V.; Dingari M.; Jayalakshmi C.	Short term road traffic flow forecasting using artificial neural network	2019	International Journal of Recent Technology and Engineering	8	3		7998	8000	10.35940/ijrte.C6407.098319
Nagendra; Patil N.S.; Nataraja M.; Shashikanth K.	Spatio-temporal long-term variability and trend analysis of precipitation and temperature series in the ghataprabha (K3) sub basin of krishna basin	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		2547	2552	10.35940/ijitee.K1814.0981119
Gusain A.; Vittal H.; Kulkarni S.; Ghosh S.; Karmakar S.	Role of vertical velocity in improving finer scale statistical downscaling for projection of extreme precipitation	2019	Theoretical and Applied Climatology	137	45293		791	804	10.1007/s00704-018-2615-1
Kumar G.S.; Prakash Kumar R.; Reddy M.V.K.	Improved quality of service for mixed traffic OFDMA –SWIPT system using log-normal distribution	2019	International Journal of Recent Technology and Engineering	8	3		1213	1216	10.35940/ijrte.C4303.098319
Gundeboina R.; Velisoju V.K.; Gutta N.; Medak S.; Aytam H.P.	Influence of surface Lewis acid sites for the selective hydrogenation of levulinic acid to $\gamma$ -valerolactone over Ni–Cu–Al mixed oxide catalyst	2019	Reaction Kinetics, Mechanisms and Catalysis	127	2		601	616	10.1007/s11144-019-01577-x

Basava R.K.; Hash C.T.; Mahendrakar M.D.; Kavi Kishor P.B.; Tara Satyavathi C.; Kumar S.; Singh R.B.; Yadav R.S.; Gupta R.; Srivastava R.K.	Discerning combining ability loci for divergent environments using chromosome segment substitution lines (CSSLs) in pearl millet	2019	PLoS ONE	14	8	e0218916			10.1371/journal.pone.0218916
Wahengbam A.K.G.S.; Kumari K.; Singh R.K.; Rao V.R.; Saraswathy K.N.; Dharajiya K.; Das R.; Murry B.	An Uncommon Variant Hemoglobin: Hb Ty Gard Detected from Gujarat, India	2019	Indian Journal of Hematology and Blood Transfusion	35	3		599	600	10.1007/s12288-019-01099-5
Porala S.; Yerrabelly J.R.; Kasireddy V.R.; Yerrabelly H.; Ghojala V.R.; Rebelli P.	New and Efficient Synthesis of HCV NS3/4 A Protease Inhibitor Telaprevir	2019	ChemistrySelect	4	33		9523	9528	10.1002/slct.201902078
Naini R.; Pavankumar P.; Prabhakar S.; Kancha R.K.; Rao K.V.; Reddy V.D.	Evolvement of nutraceutical onion plants engineered for resveratrol biosynthetic pathway	2019	Plant Cell Reports	38	9		1127	1137	10.1007/s00299-019-02432-y
Fatima S.; Rasool A.; Sajjad N.; Bhat E.A.; Hanafiah M.M.; Mahboob M.	Analysis and evaluation of penicillin production by using soil fungi	2019	Biocatalysis and Agricultural Biotechnology	21		101330			10.1016/j.bcab.2019.101330
Sandhyarani B.; Monica M.; Rao J.A.	Effect of nonlinear thermal radiation on magnetohydrodynamic stagnation point flow of Williamson fluid induced by nonlinear stretching sheet in the presence of non uniform heat generation/absorption	2019	Journal of Nanofluids	8	7		1528	1534	10.1166/jon.2019.1699
Bajaj A.; Mathew S.; Vellarikkal S.K.; Sivadas A.; Bhoyar R.C.; Joshi K.; Jain A.; Mishra A.; Verma A.; Jayarajan R.; Nalini A.; Ravi Kumar A.; Arasar Seeralar A.T.; Gupta A.; Srivastava A.K.; Joshi A.; Sinha A.; Jandial A.; Khan A.; Sonakar A.K.; Chandy A.; Sharma A.; Roy A.; Pawar A.; Biswas A.; Vanlalawma A.; Chaudhary A.; Pasha N.; Lingaiah N.; Shiva R.	Genomics of rare genetic diseases - Experiences from India	2019	Human Genomics	14	1	1			10.1186/s40246-019-0215-5
	Zirconium Exchanged Phosphotungstic Acid Catalysts for Esterification of Levulinic Acid to Ethyl Levulinate	2019	Catalysis Letters	149	9		2500	2507	10.1007/s10562-019-02862-z

Kumar S.; Pola S.; Huang C.-W.; Islam M.M.; Venkateswarlu S.; Tao Y.-T.	Polysubstituted Hexa-cata-hexabenzocoronenes: Syntheses, Characterization, and Their Potential as Semiconducting Materials in Transistor Applications	2019	Journal of Organic Chemistry	84	13		8562	8570	10.1021/acs.joc.9b00802
Sridevi R.; Chandra Sekhar P.; Madhavi B.K.; Savithri T.S.	FDTD modeling for crosstalk reduction in coupled 1D interconnects with active shielding	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		1038	1042	10.35940/ijitee.J1100.0981119
Rondla R.; Malikanti R.; Puchakayala M.R.	Thermoreversible Fibrous Hydrogel of Benzene-Centered Tris-dodecylimidazolium Bromide: A Dual Role as Stabilizer and Directing Agent for Silver Dendrites.	2019	ChemistrySelect	4	28		8220	8224	10.1002/slct.201902028
Malathi M.; Vaishnavi K.; Ravi G.; Sunku M.; Vithal M.	Potassium zirconium oxalate a new precursor for the preparation of perovskite, pyrochlore and Nasicon type materials	2019	Journal of Solid State Chemistry	276			133	138	10.1016/j.jssc.2019.04.038
Banerjee S.; Kumar N.P.; Srinivas A.; Roy S.	Core-shell Fe <sub>3</sub> O <sub>4</sub> @Au nanocomposite as dual-functional optical probe and potential removal system for arsenic (III) from Water	2019	Journal of Hazardous Materials	375			216	223	10.1016/j.jhazmat.2019.04.085
Bale G.; Vishnubhotla R.V.; Mitnala S.; Sharma M.; Padaki R.N.; Pawar S.C.; Duvvur R.N.	Whole-Exome Sequencing Identifies a Variant in Phosphatidylethanolamine N-Methyltransferase Gene to be Associated With Lean-Nonalcoholic Fatty Liver Disease	2019	Journal of Clinical and Experimental Hepatology	9	5		561	568	10.1016/j.jceh.2019.02.001
Sirgamalla R.; Boda S.	Synthesis, characterization, molecular docking and biological evaluation of novel 6-halo-2-(4-((5-phenyl-1, 3, 4-oxadiazol-2-yl)methoxy)Substituted phenyl)-1 H-benzo[de]isoquinoline-1,3(2H)-dione	2019	Chemical Data Collections	22		100248			10.1016/j.cdc.2019.100248
Pramod Kumar P.; Sagar K.	A Relative Survey on Handover Techniques in Mobility Management	2019	IOP Conference Series: Materials Science and Engineering	594	1	12027			10.1088/1757-899X/594/1/012027

Sunku M.; Gundeboina R.; Perala V.; Kammara V.; Vithal M.	Carbon nanospheres supported visible-light-driven ZnSb <sub>2</sub> O <sub>6</sub> : synthesis, characterization and photocatalytic degradation studies	2019	SN Applied Sciences	1	9	1046			10.1007/s42452-019-1078-z
Srilatha K.; Reddy K.P.	Sciatic Nerve Structural and Functional Recovery with Extract of Phyllanthus amarus and Esculetin in STZ-Induced Hyperglycemic Rats	2019	Annals of Neurosciences	26	45355		17	29	10.1177/0972753120911840
Gajjala K.; Aniseti R.; Dodla J.P.; Rathod A.K.	Phytochemical investigation and cytotoxic activity of hydro alcoholic fraction of Trianthema decandra	2019	Indian Journal of Biotechnology	18	3		193	203	
Reddy R.J.; Kumar J.J.; Kumari A.H.	Unprecedented Reactivity of $\alpha$ -Iodovinyl Sulfones: An Efficient Synthesis of $\alpha$ -Keto Sulfones and $\alpha$ -Keto Thiosulfones	2019	European Journal of Organic Chemistry	2019	23		3771	3775	10.1002/ejoc.201900676
Sravanthi Siliveri; Harinadha Babu Vamaraju; Shiva Raj	Design, Synthesis, Molecular Docking, ADMET Studies, and Biological Evaluation of Isoxazoline and Pyrazoline Incorporating 1,2,3-Triazole Benzene Sulfonamides	2019	Russian Journal of Bioorganic Chemistry	45	5		381	390	10.1134/S1068162019050108
Reddy K.C.; Premkumar B.	Meteor head and terminal flare echoes observed with the Gadanki MST radar	2019	Journal of Atmospheric and Solar-Terrestrial Physics	192		104952			10.1016/j.jastp.2018.11.006
Venkata Ramanaiah M.; Alluri S.; Rajendra Naik B.; Reddy N.S.S.	Transistor sizing of cmos vlsi circuits in deep submicron technology	2019	International Journal of Innovative Technology and Exploring Engineering	8	11		15	29	10.35940/ijitee.K1004.09811S219
Kavitha V.; Chenna Krishna Reddy M.; Harisingh Naik S.	Rayleigh-benard-marangoni ferro convection with concentration and temperature dependent viscosity	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 6		458	461	10.35940/ijrte.B1087.0782S619



Pujari N.; Biramally K.; Karidas S.; Shareefuddin M.D.; Sreenivasu D.; Vardhani C.P.	Electron paramagnetic resonance studies of TeO <sub>2</sub> -As <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses doped with vanadium	2019	AIP Conference Proceedings	2104		30024			10.1063/1.5100451
Sumalatha V.; Rambabu A.; Vamsikrishna N.; Ganji N.; Daravath S.; Shivaraj	Synthesis, characterization, DNA binding propensity, nuclease efficacy, antioxidant and antimicrobial activities of Cu(II), Co(II) and Ni(II) complexes derived from 4-(trifluoromethoxy)aniline Schiff bases	2019	Chemical Data Collections	20		100213			10.1016/j.cdc.2019.100213
Kalpana B.; Murthy D.K.; Balakrishna N.; Aiyengar M.T.	Genetic variants of chromosome 9p21.3 region associated with coronary artery disease and premature coronary artery disease in an Asian Indian population	2019	Indian Heart Journal	71	3		263	271	10.1016/j.ihj.2019.04.005
Basheer A.; Prasad G.; Kumar G.S.; Prasad N.V.	Dielectric studies on Sm-modified two-layered BLSF ceramics	2019	Bulletin of Materials Science	42	3	114			10.1007/s12034-019-1776-6
Dasgupta M.G.; Ulaganathan K.; Dev S.A.; Balakrishnan S.	Draft genome of Santalum album L. provides genomic resources for accelerated trait improvement	2019	Tree Genetics and Genomes	15	3	34			10.1007/s11295-019-1334-9
Poornima S.; Subramanyam K.; Khan I.A.; G S.; Hasan Q.	Role of SREBP2 gene polymorphism on knee osteoarthritis in the South Indian Hyderabad Population: A hospital based study with G595C variant	2019	Journal of Orthopaedics	16	3		293	297	10.1016/j.jor.2019.05.001
Jayababu N.; Poloju M.; Ramana Reddy M.V.	Facile synthesis of SnO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> core-shell nanostructures and their 2-methoxyethanol gas sensing characteristics	2019	Journal of Alloys and Compounds	780			523	533	10.1016/j.jallcom.2018.11.413
Chandra Shekar B.; Haritha C.; Kishan N.	Magneto hydrodynamic convection in a porous square cavity filled by a nanofluid with viscous dissipation effects	2019	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process	233	3		474	488	10.1177/0954408918765314

Gopal D.; Kishan N.	Unsteady flow of a Carreau fluid over a shrinking cylinder in the occurrence of various parameter effects	2019	AIP Conference Proceedings	2104		20004			10.1063/1.5100372
Vuppala S.; Enugala V.P.R.	E-Fitness Implementation in Metro Rail using IoT with help of 5G	2019	Proceedings of the 3rd International Conference on Electronics and Communication			8821821	416	419	10.1109/ICECA.2019.8821821
Rao B.N.P.; Rangamma M.	An algorithm and a sieve to find prime numbers below $2n$ for given natural number $n$	2019	AIP Conference Proceedings	2095		30019			10.1063/1.5097530
Sakram G.; Kuntamalla S.; Machender G.; Dhakate R.; Narsimha A.	Multivariate statistical approach for the assessment of fluoride and nitrate concentration in groundwater from Zaheerabad area, Telangana State, India	2019	Sustainable Water Resources Management	5	2		785	796	10.1007/s40899-018-0258-0
Muppidi S.; Kamatala C.R.; Voruvala S.C.; Mukka S.K.	Hydro peroxides /NaNO <sub>2</sub> /KHSO <sub>4</sub> mediated synthesis, kinetics and mechanistic study of nitration of aromatic compounds in aqueous acetonitrile	2019	Chemical Data Collections	21		100222			10.1016/j.cdc.2019.100222
Raju R.S.; Reddy G.J.; Rao J.A.; Rashidi M.M.; Gorla R.S.R.	Retraction notice to "Analytical and Numerical study of unsteady MHD free convection flow over an exponentially moving vertical plate with Heat Absorption" (International Journal of Thermal Sciences (2016) 107 (303–315), (S120007201520242X))	2019	International Journal of Thermal Sciences	140			549		10.1016/j.ijthermalsci.2019.02.011
Mahesh R.; Venugopal Reddy P.	A study of ferroelectric and magnetic properties of rare earth (RE=La, Nd, Sm, Gd) doped BiFeO <sub>3</sub> using modified Becke Johnson potential with SOC techniques	2019	Materials Chemistry and Physics	232			460	470	10.1016/j.matchemphys.2019.05.012
Susheela N.; Satish Kumar P.	Performance evaluation and comparison of diode clamped multilevel inverter and hybrid inverter based on PD and APOD modulation techniques	2019	International Journal of Advances in Applied Sciences	8	2		143	153	10.11591/ijaas.v8.i2.pp143-153

Sudarshan R.; Venkatesh S.; Balasubramanian K.; Ramya N.	Preparation, Deposition and Characterization of Solution Precursor	2019	Journal of Physics: Conference Series	1172	1	12022			10.1088/1742-6596/1172/1/012022
Annamaneni S.; Vishwakarma S.K.; Meka P.B.; Khan A.A.; Nallari P.	Regulation of heat shock protein-70 gene transcripts in breast cancer cells during hypo and hyperthermia exposure	2019	Meta Gene	20		100548			10.1016/j.mgen.2019.100548
Jagadha S.; Kalyani K.; Kishan N.	Viscous and Ohmic dissipation on non-Darcy MHD nanofluid mixed convection flow in porous medium with suction/injection effects	2019	Journal of Physics: Conference Series	1172	1	12014			10.1088/1742-6596/1172/1/012014
Gugulothu B.; Rajendra Naik B.; Boodidha S.	Modeling of capacitive coupled interconnects for crosstalk analysis in high speed VLSI circuits	2019	Proceedings of the 2019 IEEE International Conference on Communication and Signal			8697925	7	11	10.1109/ICCSP.2019.8697925
Mudavath R.; Naik B.R.; Gugulothu B.	Analysis of crosstalk noise for coupled microstrip interconnect models in high-speed PCB design	2019	ICEIC 2019 - International Conference on Electronics, Information, and			8706385			10.23919/ELINF OCOM.2019.8706385
Dasari A.; Guttena V.	Sunlight-driven competent photocatalytic degradation of crystal violet using sonochemically produced GO capped Ag <sub>2</sub> S nanocomposites	2019	Materials Today Communications	19			157	169	10.1016/j.mtcomm.2018.08.014
Ramana Reddy M.; Murthy Sarma N.S.; Chandrasekhar P.	A novel RF CMOS ultra-wide-band LNA at 2.66 - 3.75 GHz in 180nm technology	2019	International Journal of Engineering and Advanced Technology	8	5		957	960	
Sutar S.; Madabhushi R.; Chellapilla K.R.; Poosa R.B.	Determination of Natural Frequencies of Fluid Conveying Pipes using Muller's Method	2019	Journal of The Institution of Engineers (India): Series C	100	3		449	454	10.1007/s40032-018-0446-6

Naresh P.; Kavitha B.; Inamdar H.K.; Sreenivasu D.; Narsimlu N.; Srinivas C.; Sathe V.; Kumar K.S.	Modifier role of ZnO on the structural and transport properties of lithium boro tellurite glasses	2019	Journal of Non-Crystalline Solids	514			35	45	10.1016/j.jnoncrsol.2019.03.042
Srinidhi N.S.; Manchala L.; Anji Reddy M.	A review on the response of mangroves to the climatic changes	2019	Disaster Advances	12	6		47	51	
Shanker J.; Buchi Suresh M.; Saravanan P.; Suresh Babu D.	Effects of Fe substitution on structural, electrical and magnetic properties of Erbium ortho-chromite nano polycrystalline material	2019	Journal of Magnetism and Magnetic Materials	477			167	181	10.1016/j.jmmm.2018.10.094
Edukondalu A.; Rahman S.; Kumar K.S.	Physical and optical properties of K <sub>2</sub> O-TeO <sub>2</sub> -WO <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glasses	2019	AIP Conference Proceedings	2104		20006			10.1063/1.5100374
Lanka G.; Bathula R.; Dasari M.; Nakkala S.; Bhargavi M.; Somadi G.; Potlapally S.R.	Structure-based identification of potential novel inhibitors targeting FAM3B (PANDER) causing type 2 diabetes mellitus through virtual screening	2019	Journal of Receptors and Signal Transduction	39	3		253	263	10.1080/10799893.2019.1660897
Sriramoju B.K.; Chebolu N.S.S.P.K.; Amlipur S.; Koochana P.K.; Upadhyayula S.M.; Vaidya J.R.	Efficient synthesis and antimicrobial activity of 2-pyridyl-4-thiazolidinones from 2-chloro nicotinaldehydes	2019	Iranian Journal of Chemistry and Chemical Engineering	38	3		97	105	
Komaraiah D.; Radha E.; Vijayakumar Y.; Sivakumar J.; Reddy M.V.R.; Sayanna R.	Effect of annealing temperature on spectroscopic features and photocatalytic activity of TiO <sub>2</sub> :0.07Eu <sup>3+</sup> nanoparticles	2019	Materials Research Express	6	7	76433			10.1088/2053-1591/ab1784
Rizwana; Mahboob S.; Prasad G.; Kumar G.S.	Sintering temperature dependant dielectric and piezoelectric properties of barium titanate based piezoceramics	2019	Journal of Physics: Conference Series	1172	1	12099			10.1088/1742-6596/1172/1/012099

Chakravaram V.; Vidya Sagar Rao G.; Srinivas J.; Ratnakaram S.	The role of big data, data science and data analytics in financial engineering	2019	ACM International Conference Proceeding Series				44	50	10.1145/3341620.3341630
Srilatha N.; Priyanka Rathod B.; Yesuratnam G.	Congestion management considering economic and efficient generation rescheduling	2019	International Journal of Recent Technology and Engineering	8	1 Special Issue 4		52	57	
Gopu S.; Ravi kumar V.; Laxma Reddy K.; Venkat Reddy P.; Sirasani S.	DNA binding, photocleavage, antimicrobial and cytotoxic properties of Ru(II) polypyridyl complexes containing BOPIP ligand, (BOPIP = {2-(4-(benzyloxy) phenyl)-1H-imidazo [4,5-f] [1,2]phenanthroline})	2019	Nucleosides, Nucleotides and Nucleic Acids	38	5		349	373	10.1080/15257770.2018.1549329
Ashok B.; K. O.R.; Feng H.; A. V.R.	Preparation and properties of cellulose/Thespesia lampas microfiber composite films	2019	International Journal of Biological Macromolecules	127			153	158	10.1016/j.ijbiomac.2019.01.041
Shanker J.; Buchi Suresh M.; Narsinga Rao G.; Suresh Babu D.	Colossal dielectric, relaxor ferroelectric, diamagnetic and weak ferromagnetic properties of NdCrO3 perovskite nanoparticles	2019	Journal of Materials Science	54	7		5595	5604	10.1007/s10853-018-03226-5
Kondaparthi V.; Shaik A.; Reddy K.B.; Manwal D.D.	Studies on interaction of vanadium metal complexes with bovine serum albumin - Fluoremetric and UV-visible spectrophotometric studies	2019	Chemical Data Collections	20		100203			10.1016/j.cdc.2019.100203
Kalyani K.; Jagadha S.; Kishan N.	Non-darcy natural convection MHD flow for nanofluid over a stretching sheet with thermal radiation	2019	Journal of Nanofluids	8	6		1295	1304	10.1166/jon.2019.1681
Sujatha E.; Abbagani S.	Maize microrna associated abiotic stresses: Mini review	2019	Journal of Experimental Biology and Agricultural Sciences	7	2		103	107	10.18006/2019.7(2).103.107

Irgam K.; Reddy B.M.; Annamaneni S.; Rayabharapu P.	The genetic susceptibility profile of the South Indian women with polycystic ovary syndrome and the universality of the lack of association of type 2 diabetes genes	2019	Gene	701			113	120	10.1016/j.gene.2019.03.042
Zhuang W.; Chen H.; Yang M.; Wang J.; Pandey M.K.; Zhang C.; Chang W.-C.; Zhang L.; Zhang X.; Tang R.; Garg V.; Wang X.; Tang H.; Chow C.-N.; Wang J.; Deng Y.; Wang D.; Khan A.W.; Yang Q.; Cai T.; Bajaj P.; Wu K.; Guo B.; Zhang X.; Li J.; Liang F.; Hu J.; Liao B.; Liu S.; Chitikipati A.; Yan H.; Zhang Y.; Shan S.; Liu Q.; Yao D.; Vaarla K.; Karnewar S.; Panuganti D.; Peddi S.R.; Vedula R.R.; Manga V.; Kotamraju S.	The genome of cultivated peanut provides insight into legume karyotypes, polyploid evolution and crop domestication	2019	Nature Genetics	51	5		865	876	10.1038/s41588-019-0402-2
	3-(2-(5-Amino-3-aryl-1H-pyrazol-1-yl) thiazol-4-yl)-2H-chromen-2-ones as Potential Anticancer Agents: Synthesis, Anticancer Activity Evaluation and Molecular Docking Studies	2019	ChemistrySelect	4	14		4324	4330	10.1002/slct.201900077
Nambagari N.; Perka S.; Vuradi R.K.; Satyanarayana S.	Study of the interaction of Co(III) polypyridyl complexes with DNA: an experimental and computational approach	2019	Nucleosides, Nucleotides and Nucleic Acids	38	6		400	417	10.1080/15257770.2018.1554222
Venkateswara Rao A.; Ashok B.; Uma Mahesh M.; Venkata Subbareddy G.; Chandra Sekhar V.; Venkata Ramanamurthy G.; Varada Rajulu A.	Antibacterial cotton fabrics with in situ generated silver and copper bimetallic nanoparticles using red sanders powder extract as reducing agent	2019	International Journal of Polymer Analysis and Characterization	24	4		346	354	10.1080/1023666X.2019.1598631
Kesana S.L.; Vamaraju H.B.; Doble J.P.; Sastry P.C.	Investigations on in vitro metabolites of linezolid in various species	2019	Indian Drugs	56	5		39	49	
Mydhili S.P.; Sireesha B.; Reddy C.V.R.	Synthesis, Antioxidant, and Antibacterial Studies of Zn(II), Cd(II), and Hg(II) Complexes with 3-Formylpyridinethiosemicarbazone and Its N 4-Methyl Analogue	2019	Russian Journal of General Chemistry	89	5		1015	1022	10.1134/S1070363219050232
Kiranmai J.; Mishra R.K.	Corporate Governance Practices in Listed State-owned Enterprises in India: An Empirical Research	2019	Indian Journal of Corporate Governance	12	1		94	121	10.1177/0974686219849760

Fathima N.; Narne P.; Ishaq M.	Association and gene–gene interaction analyses for polymorphic variants in CTLA-4 and FOXP3 genes: role in susceptibility to autoimmune thyroid disease	2019	Endocrine	64	3		591	604	10.1007/s12020-019-01859-3
Thotla K.; Giri Noole V.; Kedika B.; Reddy K.	An Efficient Synthesis and Antimicrobial Activity of 5-{2-[(1-Aryl-1H-1,2,3-triazol-4-yl)methoxy]-5-bromophenyl}isoxazoles	2019	Russian Journal of General Chemistry	89	4		789	793	10.1134/S1070363219040248
Sudarshan R.; Venkatesh S.; Balasubramanian K.; Karuna Purnapu Rupa P.	Plasma current effects on the microstructure of solution precursor plasma spray YSZ coatings	2019	Journal of Physics: Conference Series	1172	1	12021			10.1088/1742-6596/1172/1/012021
Biswas A.; Raza A.; Das S.; Kapoor M.; Jayarajan R.; Verma A.; Shamsudheen K.V.; Murry B.; Seth S.; Bhargava B.; Scaria V.; Sivasubbu S.; Rao V.R.	Loss of function mutation in the P2X7, a ligand-gated ion channel gene associated with hypertrophic cardiomyopathy	2019	Purinergic Signalling	15	2		205	210	10.1007/s11302-019-09660-7
Praveen K.; Sabitaraja S.	BAMBOO LEAFHOPPER MUKARIA SPLENDIDA DISTANT (HEMIPTERA: CICADELLIDAE) FROM INDIA	2019	Indian Journal of Entomology	81	2		247	250	10.5958/0974-8172.2019.00085.3
Tasleem M.; Hashim M.; Naidu K.C.B.; Ali S.A.; Ravinder D.	Optical and electronic properties of copper and cobalt substituted nano SrBaFe12O19 synthesized by sol–gel autocombustion method	2019	Applied Physics A: Materials Science and Processing	125	5	305			10.1007/s00339-019-2618-5
Miryala J.; Tripathi A.; Prabhakar C.; Sarma D.; Pola S.; Satyanarayana B.	Eco-friendly synthesis, crystal structures, photophysical properties and DFT studies of new N-arylthiazole-5-carboxamides	2019	Journal of Molecular Structure	1184			193	199	10.1016/j.molstruc.2019.02.025
Biswas A.; Kapoor M.; Das S.; Seth S.; Bhargava B.; Rao V.R.	TNNT2 5?bp deletion, sedentary lifestyle & abdominal adiposity accentuate the phenotypic severity in hypertrophic cardiomyopathy patients	2019	Meta Gene	20		100567			10.1016/j.mgene.2019.100567

Salama S.; Kailas J.G.; Naik M.C.; Rao B.R.P.; Hari H.R.	Pollen morphology of 15 species in Commelinaceae (Commelinids: Angiosperms) from Andhra Pradesh, India	2019	Indian Journal of Agricultural Research	53	3		291	296	10.18805/IJARE.A-5119
Kavitha B.; Sravanthi M.; Saritha Reddy P.	DNA interaction, docking, molecular modelling and biological studies of o-Vanillin derived Schiff base metal complexes	2019	Journal of Molecular Structure	1185			153	167	10.1016/j.molstruc.2019.02.093
Pala M.; Parayitam L.; Appala V.	Real-time transcription, keyword spotting, archival and retrieval for telugu TV news using ASR	2019	International Journal of Speech Technology	22	2		433	439	10.1007/s10772-019-09598-6
Srinivas B.; Hameed A.; Ramadevudu G.; Chary M.N.; Shareefuddin M.	Evaluation of EPR parameters for compressed and elongated local structures of VO <sub>2</sub> and Cu <sup>2+</sup> spin probes in BaO-TeO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> glasses	2019	Journal of Physics and Chemistry of Solids	129			22	30	10.1016/j.jpics.2018.12.042
Ravi G.; Ayodhya D.; Sarasija M.; Ashok D.	Facile fabrication, characterization and enhanced heterogeneous catalytic reduction of 4-nitrophenol using undoped and doped ZrO <sub>2</sub> nanoparticles	2019	Nanochemistry Research	4	1		43	54	10.22036/ncr.2019.01.006
Dayakar T.; Venkateswara Rao K.; Park J.; Krishna P.; Swaroopa P.; Ji Y.	Biosynthesis of Ag@CuO core-shell nanostructures for non-enzymatic glucose sensing using screen-printed electrode	2019	Journal of Materials Science: Materials in Electronics	30	10		9725	9734	10.1007/s10854-019-01307-y
Mamatha G.; Varada Rajulu A.; Madhukar K.	Development and analysis of cellulose nanocomposite films with in situ generated silver nanoparticles using tamarind nut powder as a reducing agent	2019	International Journal of Polymer Analysis and Characterization	24	3		219	226	10.1080/1023666X.2018.1564572
Singh S.; Ravindra J.V.R.; Rajendra Naik B.	Power and area optimized FRA-CSLA for high-speed NoC applications	2019	International Journal of Advanced Trends in Computer Science and	8	3		883	888	10.30534/ijatcse/2019/84832019



Kom H.H.; Nageshwar M.; Srilatha K.; Reddy K.P.	Protective effect of quercetin on weight drop injury model-induced neuroinflammation alterations in brain of mice	2019	Journal of Applied Pharmaceutical Science	9	4		96	103	10.7324/JAPS.2019.90412
Vidyadhari C.; Sandhya N.; Premchand P.	Particle Grey Wolf Optimizer (PGWO) Algorithm and Semantic Word Processing for Automatic Text Clustering	2019	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	27	2		201	223	10.1142/S0218488519500090
Adimalla N.; Venkatayogi S.; Das S.V.G.	Assessment of fluoride contamination and distribution: a case study from a rural part of Andhra Pradesh, India	2019	Applied Water Science	9	4	94			10.1007/s13201-019-0968-y
Praveen K.; Sabita Raja S.	MALE GENITALIA VARIATION IN THE LEAFHOPPER GONIAGNATHUS (TROPICOGNATHUS) SYMPHYSIS	2019	Indian Journal of Entomology	81	2		381	383	10.5958/0974-8172.2019.00044.0
Nageswar Rao A.; Rajendra Naik B.; Nirmala Devi L.	Location aware relay node placement for energy constrained wireless sensor networks	2019	International Journal of Advanced Trends in Computer Science and	8	3		519	526	10.30534/ijatcse/2019/28832019
Bandaru R.	E - national agriculture market in india: An effective implementation and farmers' attraction path model	2019	Indian Journal of Marketing	49	6		48	58	10.17010/ijom/2019/v49/i6/144699
Pasika S.; Krishna Reddy D.; Aivelu Manga N.	Development of raspbian kernel customization for automatic railway level crossing application	2019	International Journal of Recent Technology and Engineering	8	1		196	201	
Varshney R.K.; Thudi M.; Roorkiwal M.; He W.; Upadhyaya H.D.; Yang W.; Bajaj P.; Cubry P.; Rathore A.; Jian J.; Doddamani D.; Khan A.W.; Garg V.; Chitikineni A.; Xu D.; Gaur P.M.; Singh N.P.; Chaturvedi S.K.; Nadigatla G.V.P.R.; Krishnamurthy L.; Dixit G.P.; Eikra A.; Kimurto P.K.; Sreeman S.M.; Bharadwaj C.	Resequencing of 429 chickpea accessions from 45 countries provides insights into genome diversity, domestication and agronomic traits	2019	Nature Genetics	51	5		857	864	10.1038/s41588-019-0401-3

Masood A.; Kancha R.K.; Subramanian J.	Epidermal growth factor receptor (EGFR) tyrosine kinase inhibitors in non-small cell lung cancer harboring uncommon EGFR mutations: Focus on afatinib	2019	Seminars in Oncology	46	3		271	283	10.1053/j.seminoncol.2019.08.004
Lalitha Phani A.V.; Srinivas B.; Hameed A.; Narasimha Chary M.; Rao J.L.; Shareefuddin M.D.	Comparative studies on physical and spectroscopic properties of alumino bismuth borate glasses containing Pb, Zn & Cd ions	2019	Chinese Journal of Physics	58			303	319	10.1016/j.cjph.2018.12.021
Aparna Y.; Sharada L.N.; Subhashini N.J.P.; Sreekanth S.	Synthesis, Characterization, Molecular Docking, and Antimicrobial Activity of New Arylidene-Substituted Imidazoles	2019	Russian Journal of General Chemistry	89	6		1202	1208	10.1134/S1070363219060161
Mahboob S.; Rizwana; Prasad G.; Kumar G.S.	Simulation of dielectric and resonance and anti-resonance data using modified lorentz equation (T and $\epsilon'$ simultaneously) of relaxor ferroelectric and piezoelectric ceramics	2019	Bulletin of Materials Science	42	2	56			10.1007/s12034-019-1750-3
Devi M.S.; Sashidhar R.B.	Antiaflatoxic effects of selected antifungal peptides	2019	Peptides	115			15	26	10.1016/j.peptides.2019.02.006
Ramakrishna P.; Anjaneyulu M.; Praveen K.	Petrology and geochemistry dataset of the Precambrian granitoids from the part of Gadwal schist belt, Eastern Dharwar Craton India	2019	Data in Brief	24		103743			10.1016/j.dib.2019.103743
Ahirwar S.; Ramakrishna D.; Pandharipande V.M.	Design and development of a compact rat-race coupler	2019	Advanced Electromagnetics	8	3		36	42	10.7716/aem.v8i3.1047
Kunooru B.; Nandigama S.V.; Rani S.S.; RamaKrishna D.	Analysis of LhCp and Rhcp for microstrip patch antenna	2019	Proceedings of the 2019 IEEE International Conference on Communication and Signal			8698034	45	49	10.1109/ICCSP.2019.8698034

Garg V.; Khan A.W.; Kudapa H.; Kale S.M.; Chitikineni A.; Qiwei S.; Sharma M.; Li C.; Zhang B.; Xin L.; Kishor P.B.K.; Varshney R.K.	Integrated transcriptome, small RNA and degradome sequencing approaches provide insights into Ascochyta blight resistance in chickpea	2019	Plant Biotechnology Journal	17	5		914	931	10.1111/pbi.13026
Mishra D.; Lohan P.; Devi L.N.	Coverage-Constrained Utility Maximization of UAV	2019	IEEE International Conference on Communications	2019-May		8761373			10.1109/ICC.2019.8761373
Sakram B.; Ravi D.; Raghupathi M.; Kumar B.S.; Anantha Lakshmi P.V.	A facile greener synthesis, antimicrobial evaluation and molecular modelling of new 4-aryl-2-(3-(2-(trifluoromethyl)phenyl)-1,8-naphthyridin-2-yl)phthalazin-1(2H)-one derivatives	2019	Research on Chemical Intermediates	45	4		2007	2022	10.1007/s11164-018-03711-1
Daravath S.; Rambabu A.; Vamsikrishna N.; Ganji N.; Raj S.	Synthesis, structural characterization, antioxidant, antimicrobial, DNA incision evaluation and binding investigation studies on copper(II) and cobalt(II) complexes of benzothiazole cored Schiff bases	2019	Journal of Coordination Chemistry	72	12		1973	1993	10.1080/00958972.2019.1634263
Suresh M.; Rajanna K.C.; Sriram Y.H.; Rao Y.R.	Kinetics and mechanism of peroxydisulfate/NaNO <sub>2</sub> mediated nitration of phenols in aqueous bisulfate medium	2019	SN Applied Sciences	1	5	485			10.1007/s42452-019-0493-5
Aliy G.; Kishan N.	Optimal homotopy asymptotic solution for cross-diffusion effects on slip flow and heat transfer of electrical MHD non-newtonian fluid over a slendering stretching sheet	2019	International Journal of Applied and Computational Mathematics	5	3	80			10.1007/s40819-019-0679-y
Nagaraju P.; Vijayakumar Y.; Ramana Reddy M.V.	Room-temperature BTEX sensing characterization of nanostructured ZnO thin films	2019	Journal of Asian Ceramic Societies	7	2		141	146	10.1080/21870764.2019.1579401
Nidumukkala S.; Tayi L.; Chittela R.K.; Vudem D.R.; Khareedu V.R.	DEAD box helicases as promising molecular tools for engineering abiotic stress tolerance in plants	2019	Critical Reviews in Biotechnology	39	3		395	407	10.1080/07388551.2019.1566204

Shyam Kishore G.; Rallapalli H.	Performance assessment of M-ary ASK, FSK, PSK, QAM and FQAM in AWGN channel	2019	Proceedings of the 2019 IEEE International Conference on Communication and Signal			8697922	273	277	10.1109/ICCSP.2019.8697922
Mokenapelli S.; Gutam M.; Govu R.; Pasala V.K.; Yerrabelli J.R.; Chitneni P.R.	De novo consecutive chemo/regioselective IBX mediated oxidation of andrographolide and its derivatives	2019	Synthetic Communications	49	10		1241	1251	10.1080/00397911.2019.1587775
Biramally K.; Pujari N.; Karidas S.; Shareefuddin M.D.; Sreenivasu D.; Vardhani C.P.	Electron paramagnetic resonance and optical absorption studies of Cu <sup>2+</sup> probe in Li <sub>2</sub> O-Bi <sub>2</sub> O <sub>3</sub> -As <sub>2</sub> O <sub>3</sub>	2019	AIP Conference Proceedings	2104		30016			10.1063/1.5100443
Duruvasula S.; Mulpuri S.; Kandasamy U.	Mapping of plastid RNA editing sites of Helianthus and identification of differential editing in fungal infected plants	2019	Current Plant Biology	18		100109			10.1016/j.cpb.2019.100109
Balla C.S.; Haritha C.; Naikoti K.; Rashad A.M.	Bioconvection in nanofluid-saturated porous square cavity containing oxytactic microorganisms	2019	International Journal of Numerical Methods for Heat and Fluid Flow	29	4		1448	1465	10.1108/HFF-05-2018-0238
Mavoori N.K.; Vekatesh S.; Manzoor Hussain M.	Investigation on surface roughness of sintered PA2200 prototypes using Taguchi method	2019	Rapid Prototyping Journal	25	3		454	461	10.1108/RPJ-10-2017-0201
Kanikireddy V.; Kanny K.; Padma Y.; Velchuri R.; Ravi G.; Jagan Mohan Reddy B.; Vithal M.	Development of alginate-gum acacia-Ag <sub>0</sub> nanocomposites via green process for inactivation of foodborne bacteria and impact on shelf life of black grapes (Vitis vinifera)	2019	Journal of Applied Polymer Science	136	15	47331			10.1002/app.47331
Ayodhya D.; Veerabhadram G.	Synthesis and characterization of g-C <sub>3</sub> N <sub>4</sub> nanosheets decorated Ag <sub>2</sub> S composites for investigation of catalytic reduction of 4-nitrophenol, antioxidant and antimicrobial activities	2019	Journal of Molecular Structure	1186			423	433	10.1016/j.molstruc.2019.03.048

Kalyani M.; Srinivas B.; Ramesh Kumar V.; Satyanarayana S.V.	Oxidative coupling of methane in membrane reactor reactor simulation studies and multi objective optimization	2019	International Journal of Recent Technology and Engineering	8	1		1981	1988	
Kumar B.R.; Prasad N.V.; Prasad G.; Kumar G.S.	Synthesis, Impedance and Dielectric Studies of Double Doped Strontium Bismuth Niobate Ferroelectric Ceramics	2019	Transactions of the Indian Ceramic Society	78	2		89	93	10.1080/0371750X.2019.1610068
Shiva Krishna P.; Sudha S.; Reddy K.A.; Al-Dhabaan F.A.; Meher; Prakasham R.S.; Singara Charya M.A.	Studies on wound healing potential of red pigment isolated from marine Bacterium Vibrio sp.	2019	Saudi Journal of Biological Sciences	26	4		723	729	10.1016/j.sjbs.2017.11.035
Nagamani M.; Jalapathi P.; Shankar B.; Neelamma M.; Krishna T.M.	An Efficient Oxidative Difunctionalisation of 2-Amino-2H-chromene and Antimicrobial Activity of the Synthesized Tetrahydrochromene Derivatives	2019	Russian Journal of General Chemistry	89	5		998	1002	10.1134/S1070363219050207
Nagaraju M.; Anil Kumar S.; Reddy P.S.; Kumar A.; Manohar Rao D.; Kavi Kishor P.B.	Genome-scale identification, classification, and tissue specific expression analysis of late embryogenesis abundant (LEA) genes under abiotic stress conditions in Sorghum bicolor L.	2019	PLoS ONE	14	1	e0209980			10.1371/JOURNAL.PONE.0209980
Tesfay G.; Rajendra R.	An Artefact-Based Continues Performance Verification of Coordinate Measuring Machine	2019	Lecture Notes on Multidisciplinary Industrial Engineering	Part F162			671	678	10.1007/978-981-32-9417-2_56
Bhat G.R.; Balaji S.; Iqbal V.; Balakrishna B.; Yousuf M.	Neotectonics and related crustal deformation along Carbyn thrust fault, South Andaman, India: implications of the frontal surface faulting and propagation of tectonic activity towards Andaman trench	2019	Arabian Journal of Geosciences	12	5	149			10.1007/s12517-019-4282-7
Ayodhya D.; Veerabhadram G.	Investigation of temperature and frequency dependence of electrical conductivity and dielectric behavior in CuS and rGO capped CuS nanocomposites	2019	Materials Research Express	6	4	45910			10.1088/2053-1591/aafe55

Kumar D.R.; Ahmad S.I.; Lincoln C.A.; Ravinder D.	Structural, optical, room-temperature and low-temperature magnetic properties of Mg-Zn nanoferrite ceramics	2019	Journal of Asian Ceramic Societies	7	1		53	68	10.1080/21870764.2018.1563036
Mouli T.S.C.	Towards understanding identity, culture and language	2019	GLOCAL Conference Proceedings	2019-January			130	135	
Muralidhar Reddy P.; Maurya N.; Velmurugan B.K.	Medicinal Use of Synthetic Cannabinoids—a Mini Review	2019	Current Pharmacology Reports	5	1				10.1007/s40495-018-0165-y
Premkumar B.; Reddy K.C.; Yellaiah G.; Kumar K.K.	Seasonal variations in vertical distribution of meteor decay time as observed from meteor radars at 8.5°N and 80°N	2019	Advances in Space Research	63	5		1661	1669	10.1016/j.asr.2018.11.019
Rani H.P.; Rameshwar Y.; Brestenský J.	Topology of Rayleigh–Bénard convection and magnetoconvection in plane layer	2019	Geophysical and Astrophysical Fluid Dynamics	113	45293		208	221	10.1080/03091929.2019.1589463
Reddy N.V.B.; Kishan N.; Reddy C.S.	Melting heat transfer and mhd boundary layer flow of eyring-powell nanofluid over a nonlinear stretching sheet with slip	2019	International Journal of Applied Mechanics and Engineering	24	1		161	178	10.2478/ijame-2019-0011
Gundeboina R.; Gadasandula S.; Velisoju V.K.; Gutta N.; Kotha L.R.; Aytam H.P.	Ni-Al-Ti Hydrotalcite Based Catalyst for the Selective Hydrogenation of Biomass-Derived Levulinic Acid to $\gamma$ -Valerolactone	2019	ChemistrySelect	4	1		202	210	10.1002/slct.201803407
Rani D.S.; Nallari P.; Rani J.; Nizamuddin S.; Seelamneni T.; Narasimhan C.; Thangaraj K.	A Complete Absence of Missense Mutation in Myosin Regulatory and Essential Light Chain Genes of South Indian Hypertrophic and Dilated Cardiomyopathies	2019	Cardiology (Switzerland)	141	3		156	166	10.1159/000495027

Anumolu P.D.; Gurralla S.; Mathew C.; Panchakarla V.; Maddala V.	Degradation kinetics, in vitro dissolution studies, and quantification of praziquantel, anchored in emission intensity by spectrofluorimetry; [Degradasyon kinetiği, in vitro çözünme hızları ve bağlanmış prazikuantelin emisyon yoğunluğunu spektrofotometri ile miktar tayini]	2019	Turkish Journal of Pharmaceutical Sciences	16	1		82	87	10.4274/tjps.63634
Madhusudhan A.; Reddy G.B.; Krishana I.M.	Green Synthesis of Gold Nanoparticles by Using Natural Gums	2019	Nanomaterials and Plant Potential				111	134	10.1007/978-3-030-05569-1_4
Subhashini N.J.P.; Praveen Kumar E.; Gurrapu N.; Yerragunta V.	Design and synthesis of imidazo-1, 2,3-triazoles hybrid compounds by microwave-assisted method: Evaluation as an antioxidant and antimicrobial agents and molecular docking studies	2019	Journal of Molecular Structure	1180			618	628	10.1016/j.molstruc.2018.11.029
Maile N.C.; Shinde S.K.; Patil R.T.; Fulari A.V.; Koli R.R.; Kim D.-Y.; Lee D.S.; Fulari V.J.	Structural and morphological changes in binder-free MnCo <sub>2</sub> O <sub>4</sub> electrodes for supercapacitor applications: effect of deposition parameters	2019	Journal of Materials Science: Materials in Electronics	30	4		3729	3743	10.1007/s10854-018-00655-5
Mukherjee D.; Singuru R.; Venkataswamy P.; Damma D.; Reddy B.M.	Ceria Promoted Cu-Ni/SiO <sub>2</sub> Catalyst for Selective Hydrodeoxygenation of Vanillin	2019	ACS Omega	4	3		4770	4778	10.1021/acsomega.9b00039
Pagadala R.; Kusampally U.	Benzyltrimethylammonium Dichloroiodate Catalyzed Four-Component Synthesis of Fully Functionalized Pyrroles Under Eco-compatible Conditions	2019	Journal of Heterocyclic Chemistry	56	2		710	713	10.1002/jhet.3414
Reddy B.M.; Pranavchand R.; Latheef S.A.A.	Overview of genomics and post-genomics research on type 2 diabetes mellitus: Future perspectives and a framework for further studies	2019	Journal of Biosciences	44	1	21			10.1007/s12038-018-9818-6
Nageshwar M.; Takhelmayum K.; Pratap Reddy K.	Succimer modulates the effects of arsenic exposure on oxidative stress, behavioural and histological alterations in the brain of a rat	2019	International Journal of Research in Pharmaceutical Sciences	10	1		14	20	10.26452/ijrps.v10i1.1773

Balla C.S.; Haritha C.; Kishan N.; Rashad A.M.	Magneto hydrodynamic nanofluid flow and heat transfer in a porous cavity containing heated surface	2019	Journal of Nanofluids	8	3		577	588	10.1166/jon.2019.1601
Ramana Murthy A.V.; Narendar V.; Kumar N.S.; Aparna P.; Durga Bhavani A.K.; Gautier F.; Barillé-Nion S.; Juin P.; Mosset P.; Grée R.; Levoïn N.	Targeting PUMA/Bcl-xL interaction by new specific compounds to unleash apoptotic process in cancer cells	2019	European Journal of Medicinal Chemistry	162			334	347	10.1016/j.ejmec.2018.10.069
Bisoyi N.; Gupta H.; Padhy N.P.; Chakrapani G.J.	Prediction of daily sediment discharge using a back propagation neural network training algorithm: A case study of the Narmada River, India	2019	International Journal of Sediment Research	34	2		125	135	10.1016/j.ijsrc.2018.10.010
Pollayi L.; Dasari R.K.; Pandharipande V.M.	Design and development of wide band dual-polarized magneto electric dipole antenna for mobile communications	2019	International Journal of Microwave and Wireless Technologies	11	2		175	181	10.1017/S1759078718001642
Anumolu P.D.; Gurralla S.; Venkata Satya S.C.; Polisetty S.V.; Ravindran A.; Achanta R.	Development of a discriminative and biorelevant dissolution test method for atorvastatin/ fenofibrate combination with appliance of derivative spectrophotometry; [Türev spektrofotometrik yöntem ile atorvastatin/fenofibrat kombinasyonunda ayırma]	2019	Turkish Journal of Pharmaceutical Sciences	16	1		62	68	10.4274/tjps.77698
Jayaprakash Rao Y.; Dalal S.; Hemasri Y.; Krupadanam G.L.D.	Facile Synthesis of Novel Functionalized Pyridine Annulated Oxirane Methyl Coumarins	2019	Journal of Heterocyclic Chemistry	56	4		1472	1477	10.1002/jhet.3460
Khan I.; Garikapati K.R.; Setti A.; Shaik A.B.; Kanth Makani V.K.; Shareef M.A.; Rajpurohit H.; Vangara N.; Pal-Bhadra M.; Kamal A.; Kumar C.G.	Design, synthesis, in silico pharmacokinetics prediction and biological evaluation of 1,4-dihydroindeno[1,2-c]pyrazole chalcone as EGFR /Akt pathway inhibitors	2019	European Journal of Medicinal Chemistry	163			636	648	10.1016/j.ejmec.2018.12.011
Jayababu N.; Poloju M.; Reddy M.V.R.	Enhanced room temperature ammonia gas sensing performance of ZnO-Cr <sub>2</sub> O <sub>3</sub> heterostructured nanocomposites	2019	AIP Conference Proceedings	2082		30025			10.1063/1.5093843



Gamessa T.W.; Suman D.	Non-invasive blood glucose monitoring using visible laser light	2019	Research Journal of Pharmacy and Technology	12	2		831	840	10.5958/0974-360X.2019.0014 4.6
Pamu S.; Subrahmanyam C.V.S.; Rao Patnaik K.S.K.	Formulation of Gastro-retentive Floating Tablets of Valsartan by 22 Factorial Designs: In vitro and in vivo Evaluations	2019	International Journal of Pharmaceutical Sciences and Nanotechnology	12	2		4496	4504	10.37285/ijpsn.2019.12.2.7
Shyamala N.; Hanumanth S.R.	Pharmacogenetic Implications of Statin Therapy on Oxidative Stress in Coronary Artery Disease	2019	Modulation of Oxidative Stress in Heart Disease				629	644	10.1007/978-981-13-8946-7_26
Mishra V.V.B.K.; Bhanja S.B.; Panigrahi B.B.	Development and evaluation of nanoemulsion gel for transdermal delivery of valdecoxib	2019	Research Journal of Pharmacy and Technology	12	2		600	610	10.5958/0974-360X.2019.0010 7.0
Shiva Raju K.; AnkiReddy S.; Sabitha G.; Siva Krishna V.; Sriram D.; Bharathi Reddy K.; Rao Sagurthi S.	Synthesis and biological evaluation of 1H-pyrrolo[2,3-d]pyrimidine-1,2,3-triazole derivatives as novel anti-tubercular agents	2019	Bioorganic and Medicinal Chemistry Letters	29	2		284	290	10.1016/j.bmcl.2018.11.036
Nakerekanti M.; Narasimha V.B.	Analysis on Malware Issues in Online Social Networking Sites (SNS)	2019	2019 5th International Conference on Advanced Computing and Communication			8728536	335	338	10.1109/ICACCS.2019.8728536
Ayodhya D.; Veerabhadram G.	Influence of g-C <sub>3</sub> N <sub>4</sub> and g-C <sub>3</sub> N <sub>4</sub> nanosheets supported CuS coupled system with effect of pH on the catalytic activity of 4-NP reduction using NaBH <sub>4</sub>	2019	FlatChem	14		100088			10.1016/j.flatc.2019.100088
Choudhary S.; Vadez V.; Tom Hash C.; Kavi Kishor P.B.	Pearl Millet Mapping Population Parents: Performance and Selection Under Salt Stress Across Environments Varying in Evaporative Demand	2019	Proceedings of the National Academy of Sciences India Section B - Biological	89	1		201	211	10.1007/s40011-017-0933-1

Sony D.; Srinivas V.S.; Naveen P.; Reddy D.K.	IRNSS user range accuracy evaluation for receiver autonomous integrity	2019	2019 URSI Asia-Pacific Radio Science Conference, AP-RASC 2019			8738325			10.23919/URSIA P-RASC.2019.8738325
Ravishankar G.A.; Kavi Kishor P.B.	A. R. Mehta (1929-2018)	2019	Current Science	116	3		492	493	
Kavitha N.; Anantha Lakshmi P.V.	Transition metal complexes supported by ONNN/ONNS bis-bidentate benzoxazine Schiff base: Synthesis, characterization, geometry optimization and non-isothermal kinetic parameters	2019	Journal of Molecular Structure	1176			798	814	10.1016/j.molstruc.2018.09.042
Naresh A.; Naik M.G.; Nagalaxmi G.	ANALYSIS OF EXISTING STORMWATER DRAINAGE SYSTEM FOR CENTRAL ZONE OF HYDERABAD CITY USING StormCAD	2019	Proceedings of the IAHR World Congress				1226	1231	
Kusampally U.; Varala R.; Kamatala C.R.; Abbagoni S.	Rate accelerations with zeolite Y in the synthesis of octahydro xanthenes and benzoxanthenes and their simple bio assay data	2019	Chemical Data Collections	20		100201			10.1016/j.cdc.2019.100201
Shruthi J.; Jayababu N.; Reddy M.V.R.	Room temperature ethanol gas sensing performance of CeO <sub>2</sub> -In <sub>2</sub> O <sub>3</sub> heterostructured nanocomposites	2019	AIP Conference Proceedings	2082		30020			10.1063/1.5093838
Boda N.; Boda G.; Naidu K.C.B.; Srinivas M.; Batoo K.M.; Ravinder D.; Reddy A.P.	Effect of rare earth elements on low temperature magnetic properties of Ni and Co-ferrite nanoparticles	2019	Journal of Magnetism and Magnetic Materials	473			228	235	10.1016/j.jmm.2018.10.023
Karidas S.; Kalyani B.; Srikanth K.; Vardhini C.P.	Neodymium doped zinc oxide nano particles as photocatalyst	2019	International Journal of Recent Technology and Engineering	7	ICETESM18		171	174	

Nayak D.R.; Naidu K.C.B.; Ravinder D.	Effect of chromium on structural, morphological and electrical properties of lithium ferrite nanoparticles	2019	SN Applied Sciences	1	3	235			10.1007/s42452-019-0258-1
Anil Kumar C.; Rajendra Naik B.	A new encrypted image watermarking based on DTCWT and random pixel exchange	2019	2019 5th International Conference on Advanced Computing and Communication			8728398	567	570	10.1109/ICACCS.2019.8728398
Anju S.; Aparna Y.; Bhima B.; Sarada J.	Novel insights on the bacillus quorum sensing mechanism: Its role in competence, virulence, sporulation and biofilm formation	2019	Implication of Quorum Sensing System in Biofilm Formation and Virulence				313	327	10.1007/978-981-13-2429-1_21
Kurra S.; Venkataswamy P.; Ravi G.; Sudhakar Reddy C.; Jaganmohan Reddy B.; Vithal M.	Enhancement of Photocatalytic Activity of Sodium Bismuth Titanate by Doping with Copper, Silver, and Tin Ions	2019	Zeitschrift für Anorganische und Allgemeine Chemie	645	5		529	536	10.1002/zaac.201800337
Aleem Pasha M.; Ravinder Reddy P.; Laxminarayana P.; Khan I.A.	SiC and Al <sub>2</sub> O <sub>3</sub> Reinforced Friction Stir Welded Joint of Aluminium Alloy 6061	2019	Lecture Notes on Multidisciplinary Industrial Engineering	Part F50			163	182	10.1007/978-981-13-0378-4_7
Archana K.; Reddy K.S.; Ravinder P.; Khan M.Y.; Bee H.	Quorum Sensing: Communication Complexity for Resilience of Plant-Microbe Interaction	2019	Implication of Quorum Sensing and Biofilm Formation in Medicine, Agriculture and				159	175	10.1007/978-981-32-9409-7_12
Dadigala R.; Bandi R.; Gangapuram B.R.; Dasari A.; Belay H.H.; Guttena V.	Fabrication of novel 1D/2D V <sub>2</sub> O <sub>5</sub> /g-C <sub>3</sub> N <sub>4</sub> composites as Z-scheme photocatalysts for CR degradation and Cr (VI) reduction under sunlight irradiation	2019	Journal of Environmental Chemical Engineering	7	1	102822			10.1016/j.jece.2018.102822
Maile N.C.; Patil R.T.; Shinde S.K.; Kim D.-Y.; Fulari A.V.; Lee D.S.; Fulari V.J.	Facial growth of Co(OH) <sub>2</sub> nanoflakes on stainless steel for supercapacitors: effect of deposition potential	2019	Journal of Materials Science: Materials in Electronics	30	6		5555	5566	10.1007/s10854-019-00849-5

Radhakrishnan V.; Dudipala R.R.; Maity A.; Sudhakar Reddy K.	Evaluation of rutting potential of asphalts using resilient modulus test parameters	2019	Road Materials and Pavement Design	20	1		20	35	10.1080/14680629.2017.1374994
Devarakonda S.; Muniapalle U.	Impact of foreign bank entry on the domestic bank performance in India: A DEA approach	2019	Finance India	33	1		85	104	
Pendam N.; Vardhani C.P.	Design of optical Mach-Zehnder interferometer phase shifter in silicon-on-insulator	2019	Pramana - Journal of Physics	92	3	30			10.1007/s12043-018-1703-1
Raju S.M.; Kumar A.P.; Yadav A.N.; Rajkumar K.; MVS S.; Burgula S.	Haptoglobin improves acute phase response and endotoxin tolerance in response to bacterial LPS	2019	Immunology Letters	207			17	27	10.1016/j.imlet.2019.01.002
Boda S.; Dharavath R.; Madhavaram M.; Adem K.; Palithapu M.; Maloth G.; Parthasarathy T.	A conventional and solid-state synthesis, biological activity, and molecular docking studies of 6-arylbenzo[4,5]imidazo[1,2-a] [1,8]naphthyridin-10-ols	2019	Synthetic Communications	49	1		1	11	10.1080/00397911.2018.1509349
Ahmed M.R.; Shareefuddin M.	EPR, optical, physical and structural studies of strontium alumino-borate glasses containing Cu <sup>2+</sup> ions	2019	SN Applied Sciences	1	3	209			10.1007/s42452-019-0201-5
Rao G.M.; Rao K.D.	A Scheme for Latency Analysis of Different Cryptography Methods for Security in 5G Era	2019	2019 IEEE 5th International Conference for Convergence in Technology, I2CT 2019			9033754			10.1109/I2CT45611.2019.9033754
AL-Hashimi N.N.; Shahin R.O.; AL-Hashimi A.N.; Al Ajeal A.M.; Tahtamouni L.H.; Basheer C.	Cetyl-alcohol-reinforced hollow fiber solid/liquid-phase microextraction and HPLC-DAD analysis of ezetimibe and simvastatin in human plasma and urine	2019	Biomedical Chromatography	33	2	e4410			10.1002/bmc.4410

Varaprasad S.; Thyagarajan K.; Markandeya Y.; Suresh K.; Bhikshamaiah G.	Investigation of Fe/Mo Ordering and Magnetic Properties of $\text{Ca}_{2-x}\text{Fe}_x\text{Mo}_6\text{O}_{22}$ Double Perovskites Prepared by Sonochemical Method	2019	Journal of Superconductivity and Novel Magnetism	32	3		583	589	10.1007/s10948-018-4738-0
Brahmaiah D.; Bhavani A.K.D.; Aparna P.; Kumar N.S.; Solhi H.; Le Guevel R.; Baratte B.; Ruchaud S.; Bach S.; Mosset P.; Grée R.	Synthesis and biological studies of new quinazolines with ether functions in position 2	2019	Arkivoc	2019	5		96	107	10.24820/ark.5550190.p010.859
Mahboob S.; Rizwana; Prasad G.; Kumar G.S.	Enhanced dielectric and piezoelectric properties in microwave sintered $(\text{Ba}_{0.997}\text{Nd}_{0.003})\text{TiO}_3$ ceramic when compared to conventional sintered ceramics	2019	Bulletin of Materials Science	42	1	30			10.1007/s12034-018-1727-7
Quadriya H.; Adeeb Mujtaba Ali S.; Parameshwar J.; Manasa M.; Yahya Khan M.; Hameeda B.	Microbes living together: Exploiting the art for making biosurfactants and biofilms	2019	Implication of Quorum Sensing System in Biofilm Formation and Virulence				161	177	10.1007/978-981-13-2429-1_10
Madduru D.; Ijaq J.; Dhar S.; Sarkar S.; Poondla N.; Das P.S.; Vasquez S.; Suravajhala P.	Systems Challenges of Hepatic Carcinomas: A Review	2019	Journal of Clinical and Experimental Hepatology	9	2		233	244	10.1016/j.jceh.2018.05.002
Chakravarthy B.K.; Sree Lakshmi G.	Power savings with all SiC inverter in electric traction applications	2019	E3S Web of Conferences	87		1014			10.1051/e3sconf/20198701014
Munnaluri R.; Reddy Peddi S.; Kanth Sivan S.; Manga V.	Computational studies on N-phenyl pyrrole derivatives as MmpL3 inhibitors in Mycobacterium tuberculosis	2019	Computational Biology and Chemistry	78			81	94	10.1016/j.compbiolchem.2018.11.007
Azeem Unnisa S.	Assessment of Pesticide Residues in Vegetables of Telangana State	2019	Plant and Human Health: Volume 2: Phytochemistry and Molecular Aspects	2			417	423	10.1007/978-3-030-03344-6_18

Abbu V.; Nampally V.; Baidla N.; Tigulla P.	Stoichiometric, Thermodynamic and Computational DFT Analysis of Charge Transfer Complex of 1-Benzoylpiperazine with 2, 3-Dichloro-5, 6-Dicyano-1, 4-benzoquinone	2019	Journal of Solution Chemistry	48	1		61	81	10.1007/s10953-019-00847-5
Besthapu P.; Haq R.U.; Bandari S.; Al-Mdallal Q.M.	Thermal radiation and slip effects on MHD stagnation point flow of non-Newtonian nanofluid over a convective stretching surface	2019	Neural Computing and Applications	31	1		207	217	10.1007/s00521-017-2992-x
Nagar H.; Badhrachalam N.; Rao V.V.B.; Sridhar S.	A novel microbial fuel cell incorporated with polyvinylchloride/4A zeolite composite membrane for kitchen wastewater reclamation and power generation	2019	Materials Chemistry and Physics	224			175	185	10.1016/j.matchemphys.2018.12.023
Reddy R.J.; Kumari A.H.; Kumar J.J.; Nanubolu J.B.	Cs <sub>2</sub> CO <sub>3</sub> -Mediated Vicinal Thiosulfonylation of 1,1-Dibromo-1-Alkenes with Thiosulfonates: An Expedient Synthesis of (E)-1,2-Thiosulfonylethenes	2019	Advanced Synthesis and Catalysis	361	7		1587	1591	10.1002/adsc.201801620
Rao S.S.	Citation essentials in scholarly communication	2019	Scholarly Ethics and Publishing: Breakthroughs in Research and Practice				846	853	10.4018/978-1-5225-8057-7.ch042
Naz S.; Battu S.; Khan R.A.; Afroz S.; Giddaluru J.; Vishwakarma S.K.; Satti V.; Habib M.A.; Khan A.A.; Khan N.	Activation of integrated stress response pathway regulates IL-1 $\beta$ production through posttranscriptional and translational reprogramming in macrophages	2019	European Journal of Immunology	49	2		277	289	10.1002/eji.201847513
Inampudi G.R.; Malliah K.; Ramachandram P.S.	Key Management for protection of health care Data of Multi-user using Access control in Cloud Environment	2019	Proceedings - International Conference on Vision Towards Emerging Trends in			8899536			10.1109/ViTECoN.2019.8899536
Ashok D.; Devulapally M.G.; Aamate V.K.; Gundu S.; Adam S.; Murthy S.D.S.; Balasubramanian S.; Naveen B.; Parthasarathy T.	Novel pyrano [3,2-b]xanthen-7(2H)-ones: Synthesis, antimicrobial, antioxidant and molecular docking studies	2019	Journal of Molecular Structure	1177			215	228	10.1016/j.molstruc.2018.08.091

Rao K.D.	Performance Analysis of Enhanced Turbo and Polar Codes with List Decoding for URLLC in 5G Systems	2019	2019 IEEE 5th International Conference for Convergence in Technology, I2CT 2019			9033551			10.1109/I2CT45611.2019.9033551
Laxmankumar D.; Satyanarayana E.; Dhakate R.; Saxena P.R.	Hydrogeochemical characteristics with respect to fluoride contamination in groundwater of Maheshwarm mandal, RR district, Telangana state, India	2019	Groundwater for Sustainable Development	8			474	483	10.1016/j.gsd.2019.01.008
Ahmed M.R.; Ashok B.; Ahmmad S.K.; Hameed A.; Chary M.N.; Shareefuddin M.	Infrared and Raman spectroscopic studies of Mn <sup>2+</sup> ions doped in strontium alumino borate glasses: Describes the role of Al <sub>2</sub> O <sub>3</sub>	2019	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	210			308	314	10.1016/j.saa.2018.11.053
Kasaboina S.; Bollu R.; Ramineni V.; Gomedhika P.M.; Korra K.; Basaboina S.R.; Holagunda U.D.; Nagarapu L.; Dumala N.; Grover P.; Bathini R.; Vijjulatha M.	Novel benzosuberone conjugates as potential anti-proliferative agents: Design, synthesis and molecular docking studies	2019	Journal of Molecular Structure	1180			355	362	10.1016/j.molstruc.2018.11.072
Maile N.C.; Shinde S.K.; Koli R.R.; Fulari A.V.; Kim D.Y.; Fulari V.J.	Effect of different electrolytes and deposition time on the supercapacitor properties of nanoflake-like Co(OH) <sub>2</sub> electrodes	2019	Ultrasonics Sonochemistry	51			49	57	10.1016/j.ultsonch.2018.09.003
Gangaiah T.; Saidulu N.; Venkata Lakshmi A.	The influence of thermal radiation on mixed convection MHD flow of a casson nanofluid over an exponentially stretching sheet	2019	International Journal of Nanoscience and Nanotechnology	15	2		83	98	
Godavarti U.; Mote V.D.; Reddy M.V.R.; Nagaraju P.; Kumar Y.V.; Dasari K.T.; Dasari M.P.	Precipitated cobalt doped ZnO nanoparticles with enhanced low temperature xylene sensing properties	2019	Physica B: Condensed Matter	553			151	160	10.1016/j.physb.2018.10.034
Negalurmth V.S.; Boda S.K.; Kotresh O.; Anantha Lakshmi P.V.; Basanagouda M.	Benzofuran-oxadiazole hybrids: Design, synthesis, antitubercular activity and molecular docking studies	2019	Chemical Data Collections	19		100178			10.1016/j.cdc.2019.100178

Prasad B.; Lakshma Nayak V.; Srikanth P.S.; Baig M.F.; Subba Reddy N.V.; Babu K.S.; Kamal A.	Synthesis and biological evaluation of 1-benzyl-N-(2-(phenylamino)pyridin-3-yl)-1H-1,2,3-triazole-4-carboxamides as antimitotic agents	2019	Bioorganic Chemistry	83			535	548	10.1016/j.bioorg.2018.11.002
Kumar E.R.; Rao P.N.; Veeraiyah N.; Rao B.A.	Effect of modifier on battery studies of silver-based FIC glasses	2019	Ionics	25	1		215	219	10.1007/s11581-018-2592-5
Devi J.; Yadav M.; Kumar D.; Naik L.S.; Jindal D.K.	Some divalent metal(II) complexes of salicylaldehyde-derived Schiff bases: Synthesis, spectroscopic characterization, antimicrobial and in vitro anticancer studies	2019	Applied Organometallic Chemistry	33	2	e4693			10.1002/aoc.4693
Mahesh R.; Sagar E.; Venugopal Reddy P.	First-Principles Study on Optical and Thermodynamic Behaviour of Multiferroic BiFeO <sub>3</sub> Using LSDA+ U and TB-mBJ Methods	2019	Journal of Electronic Materials	48	1		621	633	10.1007/s11664-018-6747-y
Pradeep M.; Vishnuvardhan M.; Bala Krishna V.; Madhusudhan Raju R.	An Efficient Microwave Assisted Synthesis and Antimicrobial Activity of 1,2,3-Triazolyl-pyrrolidinyl-quinolinolines	2019	Russian Journal of General Chemistry	89	2		313	318	10.1134/s1070363219020233
Edathara P.M.; Gorre M.; Kagita S.; Cingeetham A.; Annamaneni S.; Digumarti R.; Satti V.	Influence of Caspase-9 polymorphisms on the development of Chronic Myeloid Leukemia- A case-control study	2019	Gene: X	1		100002			10.1016/j.gene.2018.100002
Radhakrishna V.; Aljawarneh S.A.; Veereswara Kumar P.; Janaki V.	ASTRA - A Novel interest measure for unearthing latent temporal associations and trends through extending basic gaussian membership function	2019	Multimedia Tools and Applications	78	4		4217	4265	10.1007/s11042-017-5280-y
Ijaq J.; Malik G.; Kumar A.; Das P.S.; Meena N.; Bethi N.; Sundararajan V.S.; Suravajhala P.	A model to predict the function of hypothetical proteins through a nine-point classification scoring schema	2019	BMC Bioinformatics	20	1	14			10.1186/s12859-018-2554-y



Aliy G.; Kishan N.	Electrical mhd viscoelastic nanofluid flow and heat transfer over a stretching sheet with convective boundary condition. Optimal homotopy asymptotic method analysis	2019	Journal of Nanofluids	8	2		317	326	10.1166/jon.2019.1590
Hassanpour M.	Evaluation of iranian wood and cellulose industries	2019	Decision Making: Applications in Management and Engineering	2	1		13	34	10.31181/dmame1901013h
Gundeboina R.; Muga V.	Ion exchange synthesis of Ag <sup>+</sup> incorporated LiAlO <sub>2</sub> and its application in photodegradation of organic dyes	2019	SN Applied Sciences	1	2	164			10.1007/s42452-019-0166-4
Naini R.; Chikati R.; Vudem D.R.; Kancha R.K.	Molecular docking analysis of imine stilbene analogs and evaluation of their anti-aging activity using yeast and mammalian cell models	2019	Journal of Receptors and Signal Transduction	39	1		55	59	10.1080/10799893.2019.1605529
Sharada K.; Shankar B.	MHD stagnation point flow of a micropolar fluid through a porous medium over an exponentially stretching sheet with convective boundary condition, viscous dissipation	2019	Journal of Nanofluids	8	2		394	398	10.1166/jon.2019.1596
Suresh D.; Sravanthi G.; Chander R.	DSTATCOM with improved LMS based IRP theory	2019	E3S Web of Conferences	87		1013			10.1051/e3sconf/20198701013
Sreelakshmi G.; Salman M.; Fatima K.; Madhavi B.K.	Efficient Vedic Signed Digit Decimal Adder	2019	Proceedings of the 4th International Conference on Devices, Circuits and Systems			8605072	212	218	10.1109/ICDCSyst.2018.8605072
Saisree R.; Bhanja S.; Das S.; Bhavana V.; Sudhakar M.; Panigrahi B.B.	Formulation and evaluation of mucoadhesive microspheres of valsartan	2019	Research Journal of Pharmacy and Technology	12	2		669	677	10.5958/0974-360X.2019.00119.7

Nagaraju P.; Vijayakumar Y.; Reddy M.V.R.; Deshpande U.P.	Effect of vanadium pentoxide concentration in ZnO/V2O5 nanostructured composite thin films for toluene detection	2019	RSC Advances	9	29		16515	16524	10.1039/c9ra02356a
Divya K.; Kishor P.B.K.; Maraka N.; Bhatnagar-Mathur P.; Singam P.; Vadez V.; Reddy P.S.	Genome-wide identification and characterization of Hsp70 gene family in pearl millet ( <i>Pennisetum glaucum</i> )	2019	Current Trends in Biotechnology and Pharmacy	13	2		102	111	
Divya Reddy S.; Siva B.; Kumar K.; Phani Babu V.S.; Sravanthi V.; Boustie J.; Lakshma Nayak V.; Tiwari A.K.; Rao C.H.V.; Sridhar B.; Shashikala P.; Suresh Babu K.	Comprehensive Analysis of Secondary Metabolites in <i>Usnea longissima</i> (Lichenized Ascomycetes, Parmeliaceae) Using UPLC-ESI-QTOF-MS/MS and Pro-Apoptotic Activity of Barbatic Acid	2019	Molecules	24	12	2270			10.3390/molecules24122270
Prasad K.K.; Srinivasulu C.	Range extension of redbreasted sunfish, <i>Lates niloticus</i> (Bleeker, 1863) (Cypriniformes, Cyprinidae), from the Nallamala and Sheshachalam hill ranges of the Eastern Ghats, India	2019	Check List	15	3		441	446	10.15560/15.3.441
Ashok Kumar U.; Kasi B.; Laxminarayana P.	Optimization of friction surfacing process parameters on low carbon steel using Taguchi approach	2019	Materials Science Forum	969 MSF			691	696	10.4028/www.scientific.net/MSF.969.691
Silveri S.; Vamaraju H.B.; Shivaraj	Synthesis and Biological Evaluation of Furo[3,2-c]pyrazole-5-carbimides	2019	Asian Journal of Chemistry	31	10		2389	2393	10.14233/ajchem.2019.21971
Damera H.; Murthy N.R.D.; Rao N.V.R.	Experimental studies on blended pozzolonic concretes with recycled aggregate in acidic environment	2019	Indian Concrete Journal	98	2		44	51	
Ganji S.; Bukya P.; Liu Z.-W.; Rao K.S.R.; Burri D.R.	A carboxylic acid functionalized SBA-15 supported Pd nanocatalyst: An efficient catalyst for hydrogenation of nitrobenzene to aniline in water	2019	New Journal of Chemistry	43	30		11871	11875	10.1039/c9nj01743g

Shiva Kumar K.; Naikawadi P.K.; Jatoth R.; Dandela R.	Bimetallic Cu/Pd-catalyzed three-component azide-alkyne cycloaddition/isocyanide insertion: Synthesis of fully decorated tricyclic triazoles	2019	Organic and Biomolecular Chemistry	17	31		7320	7324	10.1039/c9ob01175g
Kolioak Y.; Radhakrishna M.; Prasad A.M.K.	Optimization of Heat Energy Based on Phase Change Materials used in Solar Collector using Taguchi Method	2019	Materials Today: Proceedings	22			2404	2411	10.1016/j.matpr.2020.03.365
Vijayai K.; Shiva Kumar M.; Madhuri M.A.; Suresh K.	Rapid high performance liquid chromatography method for the determination of raltegravir in human saliva	2019	Indian Drugs	56	9		68	73	
Deergha Rao K.	Preface	2019	Forum for Interdisciplinary Mathematics				vii	viii	
Rao K.D.	LT and raptor codes	2019	Forum for Interdisciplinary Mathematics				331	349	10.1007/978-981-15-0561-4_9
Phuthotham M.; Siengchin S.; Ashok B.; Varada Rajulu A.	Modification of egg shell powder with in situ generated copper and cuprous oxide nanoparticles by hydrothermal method	2019	Materials Research Express	7	1	15010			10.1088/2053-1591/ab5c4c
Venu D.; Koteswara Rao N.V.	Weight matrix-based representation of sub-optimum disturbance cancellation filters for passive radars	2019	Journal of Advanced Research in Dynamical and Control Systems	11	5 Special Issue		2333	2345	
Kandi K.K.; Thallapalli N.; Kumar M.S.; Raod C.S.P.	Fabrication and parametric optimization of SiO <sub>2</sub> -BN gelcast ceramic composites using response surface methodology	2019	Materials Today: Proceedings	18			2298	2307	10.1016/j.matpr.2019.07.012

Devraj V.M.; Vemuri S.M.; Banala R.R.; Gunda S.K.; Gurava Reddy A.V.; Subbaiah G.P.V.	Evaluation of anti-inflammatory and regenerative efficiency of naringin and naringenin in degenerated human nucleus Pulposus Cells: Biological and Molecular Modeling Studies	2019	Asian Spine Journal	13	6		875	889	10.31616/asj.2019.0073
Yaku G.; Rekha K.C.; Rao T.V.D.P.	Microwave-assisted green synthesis of silver nanoparticles using pithecellobium dulce (Pulichinthakaya): Characterization and detection of Hg+2 and Fe+3 metal ions	2019	International Journal on Emerging Technologies	10	4		325	334	
Koteswararao D.; Rajkumar B.; Prameela K.; Ashok K.; Sridevi G.	Microwave assisted synthesis and optical properties of highly fluorescent N-doped carbon dots	2019	Asian Journal of Chemistry	31	12		2897	2902	10.14233/ajchem.2019.22334
Jagadeeswara Rao M.; Uddien Shaik R.; Buschaiah K.	Electrical Discharge Machining: A Comparative Surface Integrity Study for Incoloy-800	2019	Materials Today: Proceedings	22			3286	3296	10.1016/j.matpr.2020.03.290
Mithun K.; Saraswathamma K.; Verma D.K.	Effect of post weld heat treatment soaking time on microstructure and mechanical properties of TIG welded grade 91 steel	2019	Journal of Metals, Materials and Minerals	29	2		42	50	10.14456/jmm.2019.17
Bhikshma V.; Hamraj M.; Tejaswini R.	Model analysis of high-rise structures for wind and earthquake forces	2019	ISEC 2019 - 10th International Structural Engineering and Construction Conference						10.14455/isec.res.2019.113
Rao K.D.	MIMO system	2019	Forum for Interdisciplinary Mathematics				385	421	10.1007/978-981-15-0561-4_11
Naidu A.S.K.	Characterization of the electromechanical admittance signatures of piezo-impedance transducers based on its location	2019	Materials Today: Proceedings	18			4398	4407	10.1016/j.matpr.2019.07.408

Shravani I.; Ramya D.; Joga S.	MHD tangent hyperbolic nanofluid with zero normal flux of nanoparticles at the stretching surface with thermal radiation	2019	Jordan Journal of Mechanical and Industrial Engineering	12	3		171	177	
Balguri P.K.; Samuel D.G.H.; Indira C.; Harshitha D.; Thumu U.	Silver quantum clusters: Effective nanofillers for improving the fracture toughness of epoxy composites	2019	Materials Today: Proceedings	18			4977	4986	10.1016/j.matpr.2019.07.490
Doda S.R.; Raghavendar A.; Haridasam S.B.; Putta C.S.; Rao B.K.; Kadari S.	Asymmetric total synthesis of filamentous fungi related resorcylic acid lactones 7-epi-zeanol and zeanol	2019	Heterocyclic Communications	25	1		78	84	10.1515/hc-2019-0015
Sankar M.R.; Saxena S.; Banik S.R.; Iqbal I.M.; Nath R.; Bora L.J.; Gajrani K.K.	Experimental study and artificial neural network modeling of machining with minimum quantity cutting fluid	2019	Materials Today: Proceedings	18			4921	4931	10.1016/j.matpr.2019.07.484
Rajasheker G.; Jawahar G.; Jalaja N.; Kumar S.A.; Kumari P.H.; Punita D.L.; Karumanchi A.R.; Reddy P.S.; Rathnagiri P.; Sreenivasulu N.; Kishor P.B.K.	Role and regulation of osmolytes and ABA interaction in salt and drought stress tolerance	2019	Plant Signaling Molecules: Role and Regulation under Stressful Environments				417	436	10.1016/B978-0-12-816451-8.00026-5
Ashok D.; Nagaraju N.; Sarasija M.; Lakshmi B.V.	Microwave assisted one pot synthesis of tetrazole based 3-hydroxy-4h-chromen-4-ones by modified algar-flynn-oyamada reaction and their antimicrobial activity	2019	Journal of the Mexican Chemical Society	63	4		123	131	10.29356/jmcs.v63i4.448
Venkat Raman B.; Chandra Shekar K.; Gandhasiri R.; Gurram S.	Memorization Approach to Quantum Associative Memory Inspired by the Natural Phenomenon of Brain	2019	Lecture Notes in Networks and Systems	74			351	356	10.1007/978-981-13-7082-3_40
Venkat Ramana G.; Sanke N.	Effect of tool rotational speed and feed rate on similar and dissimilar Friction Stir welded joints of Al 5082 and Al 6061	2019	Materials Today: Proceedings	19			870	874	10.1016/j.matpr.2019.08.228

Assefa A.; Srinivasulu C.	Species composition and abundance of rodents in Kafta-Sheraro National Park, Ethiopia: Preliminary results	2019	Journal of Threatened Taxa	11	6		13680	13689	10.11609/jott.4604.11.6.13680-13689
Venkat Raman B.; Hedge N.P.; Mallesh D.; Anjaneyulu B.	Quron: Basic Representation and Functionality	2019	Lecture Notes in Networks and Systems	74			345	350	10.1007/978-981-13-7082-3_39
Chandavath B.; Modem R.; Bandari S.R.; Perati M.R.	Study of torsional vibrations in poroelastic dissipative thick-walled hollow cylinder in the presence of an initial stress	2019	Special Topics and Reviews in Porous Media	10	5		447	456	10.1615/specialtopicsrevporousmedia.2019018980
Chandra Sekhar K.; Raheem Ahmed M.; Narsimlu N.; Deshpande U.; Sathe V.G.; Shareefuddin M.	The effect of the addition of CaF <sub>2</sub> and PbF <sub>2</sub> on boro-tellurite glasses doped with chromium ions	2019	Materials Research Express	6	12	125206			10.1088/2053-1591/ab619f
Prasad K.K.; Srinivasulu C.	New record of Blue Perch <i>Badis badis</i> (Anabantiformes: Badidae) from Godavari River basin of Telangana State, India	2019	Journal of Threatened Taxa	11	9		14212	14215	10.11609/jot.4908.11.9.14212-14215
Reddy K.S.; Ramachandram S.	A secure, fast insert and efficient search order preserving encryption scheme for outsourced databases	2019	International Journal of Advanced Intelligence Paradigms	13	45293		155	177	10.1504/IJAIP.2019.099949
Sridhar G.; Babu P.R.	Effect of cutting parameters on machining induced distortion in thin wall thin floor parts	2019	Journal of Mechanical Engineering	16	1		59	78	
Phaneendra K.; Mahesh G.	Fourth order computational method for two parameters singularly perturbed boundary value problem using non-polynomial cubic spline	2019	International Journal of Computing Science and Mathematics	10	3		261	275	10.1504/IJCSM.2019.101099

Ashok D.; Nagaraju N.; Dharavath R.; Ram Reddy M.; Ramakrishna K.; Sarasija M.	A novel method for synthesis and their antimicrobial activity of 1H-tetrazole based flavones and flavanone derivatives under ultrasonic and microwave irradiation methods	2019	Asian Journal of Chemistry	31	7		1495	1500	10.14233/ajchem.2019.21925
Vinay Kumar A.; Ashok Kumar U.; Reddic B.V.; SreeRam G.; Laxminarayana P.	Design and development of mechanical vibrating filter for reclaiming coolant from aluminium sludge	2019	Materials Today: Proceedings	19			895	901	10.1016/j.matpr.2019.08.247
Stalin S.; Edukondalu A.; Samee M.A.; Srinivasu C.; Rahman S.	Physical and optical investigations of Bi2O3-TeO2-B2O3-GeO2 glasses	2019	Materials Research Express	6	12	125209			10.1088/2053-1591/ab689c
Jawahar G.; Rajasheker G.; Maheshwari P.; Punita D.L.; Jalaja N.; Kumari P.H.; Kumar S.A.; Afreen R.; Karumanchi A.R.; Rathnagiri P.; Sreenivasulu N.; Kishor P.B.K.	Osmolyte diversity, distribution, and their biosynthetic pathways	2019	Plant Signaling Molecules: Role and Regulation under Stressful Environments				449	458	10.1016/B978-0-12-816451-8.00028-9
Dugyala R.; Gul M.Z.; Kumar S.M.; Beedu S.R.	Strip-based nano-silver biocomposite construct for rapid screening of aqueous mercury	2019	Micro and Nano Letters	14	6		604	608	10.1049/mnl.2018.5314
Bharathi C.; Anupama D.; Pratibha N.; Venkateshwari A.	Impact of genetic variants in estrogen receptor-? gene in the etiology of uterine leiomyomas	2019	Journal of Reproduction and Infertility	20	3		151	160	
Banik S.R.; Iqbal I.M.; Nath R.; Bora L.J.; Singh B.K.; Mandal N.; Sankar M.R.	State of the art on zirconia toughened alumina cutting tools	2019	Materials Today: Proceedings	18			2632	2641	10.1016/j.matpr.2019.07.123
Ramana Rao M.V.; Adilakshmi T.	Swarm dynamics for enhanced energy aware clustering	2019	International Journal of Advanced Intelligence Paradigms	13	45355		288	303	10.1504/ijaip.2019.10023491

Rao K.D.	Galois field theory	2019	Forum for Interdisciplinary Mathematics				55	77	10.1007/978-981-15-0561-4_3
Sailaja A.K.; Banu J.	Preparation and evaluation of chitosan loaded naproxen nanoparticles by emulsion interfacial reaction method	2019	Drug Delivery Letters	9	2		89	96	10.2174/2210303109666190211150117
Naresh R.; Rajendra Prasad V.B.S.; Venkata Rao G.	Static and Transient Response of a Leaf Spring with EPDM Rubber Sandwiched between Steel Leaves	2019	Materials Today: Proceedings	22			3250	3260	10.1016/j.matpr.2020.03.286
Rao K.D.	Bandwidth efficient coded modulation	2019	Forum for Interdisciplinary Mathematics				233	272	10.1007/978-981-15-0561-4_7
Rao K.D.	Channel codes evolution for 5G	2019	Forum for Interdisciplinary Mathematics				465	476	10.1007/978-981-15-0561-4_13
Manoharachary C.; Nagaraju D.	Diversity, ecology and utilization of soil fungi: Indian scenario	2019	Advancing Frontiers in Mycology and Mycotechnology : Basic and Applied Aspects				95	116	10.1007/978-981-13-9349-5_4
Pandari Reddy P.; Sunitha Devi G.	Haematological profile of freshwater fish, Channa striatus (Bloch) under the stress of zinc sulphate	2019	Journal of Advanced Zoology	40	1		83	96	
Goud R.R.; Rachala A.	The effect of temperature on formability of AA6061-T6 alloy material under stretching operation	2019	ASME 2019 Gas Turbine India Conference, GTINDIA 2019	2					10.1115/GTINDIA2019-2710



Shelke D.B.; Nikalje G.C.; Nikam T.D.; Maheshwar P.; Punita D.L.; Rao K.R.S.S.; Kavi Kisho P.B.; Suprasanna P.	Chloride (Cl-) Uptake, Transport, and Regulation in Plant Salt Tolerance	2019	Molecular Plant Abiotic Stress: Biology and Biotechnology				241	268	10.1002/9781119463665.ch13
Vinuthna C.H.; Chandra Babu Naidu K.; Chandra Sekhar C.; Dachepalli R.	Magnetic and antimicrobial properties of cobalt-zinc ferrite nanoparticles synthesized by citrate-gel method	2019	International Journal of Applied Ceramic Technology	16	5		1944	1953	10.1111/ijac.13276
Vattikoti K.	Evolution of Open Access Publishing towards a more equitable solution	2019	Journal of Legal, Ethical and Regulatory Issues	22	3				
Rampogu S.; Park C.; Ravinder D.; Son M.; Baek A.; Zeb A.; Bavi R.; Kumar R.; Lee G.; Parate S.; Pawar S.C.; Park Y.; Park S.J.; Lee K.W.	Pharmacotherapeutics and molecular mechanism of phytochemicals in alleviating hormone-responsive breast cancer	2019	Oxidative Medicine and Cellular Longevity	2019		5189490			10.1155/2019/5189490
Rao K.D.	Introduction	2019	Forum for Interdisciplinary Mathematics				1	21	10.1007/978-981-15-0561-4_1
Bhikshma V.; Promodkumar K.; Panduranghiah P.	Flexural behavior of high strength geo-polymer concrete beams	2019	ISEC 2019 - 10th International Structural Engineering and Construction Conference						10.14455/isec.res.2019.80
Shaziya H.; Shyamala K.; Zaheer R.	Comprehensive Review of Automatic Lung Segmentation Techniques on Pulmonary CT Images	2019	Proceedings of the 3rd International Conference on Inventive Systems and			9036429	540	545	10.1109/ICISC44355.2019.9036429
Sanganabhatla D.; Shyam Sunder R.	Development and validation of uv spectrophotometric method for the estimation of finasteride drug	2019	International Journal of Pharmaceutical Quality Assurance	10	4		597	600	10.25258/IJPQA.10.4.6

Rao K.D.	Polar codes	2019	Forum for Interdisciplinary Mathematics				351	383	10.1007/978-981-15-0561-4_10
Kumaraswamy K.; Bhatra Charyulu N.Ch.	On stochastic distribution of repeated purchase consumers	2019	International Journal of Agricultural and Statistical Sciences	15	2		841	846	
Shekhar B.; Vasantha P.; Sathish Kumar B.; Anantha Lakshmi P.V.; Ravi Kumar V.; Satyanarayana S.	Chromium-metformin ternary complexes: Thermal, DNA interaction and Docking studies	2019	Applied Organometallic Chemistry	33	9	e5086			10.1002/aoc.5086
Thakkalapally S.; Hasan P.; Hasan S.N.	Effect of the gas percentage on the thickness of the galactic discs during minor mergers using hydrodynamical simulations	2019	Proceedings of the International Astronomical Union	14	S353		281	283	10.1017/S174392131900824X
Hima Kumari P.; Venkatesh K.; Krupanidhi S.; Anil Kumar S.	An Update on Molecular Strategies of Transgenic Rice Tolerance to Abiotic Stresses	2019	Energy, Environment, and Sustainability				229	247	10.1007/978-981-15-0690-1_12
Bhikshma V.; Kumar J.R.	Experimental investigation on self curing recycled aggregate concrete members	2019	ISEC 2019 - 10th International Structural Engineering and Construction Conference						10.14455/isec.res.2019.76
Vijayai K.; Madhuri M.; Anusha V.; Siresha V.R.K.	Development, validation of rp-hplc method for the simultaneous estimation of tenofovir disproxil fumarate, emtricitabine and rilpivirine hydrochloride in bulk, formulation and used in nanosuspension	2019	Indian Drugs	56	9		43	54	
Rao K.D.	Turbo codes	2019	Forum for Interdisciplinary Mathematics				181	231	10.1007/978-981-15-0561-4_6

Rao K.D.	Low density parity check codes	2019	Forum for Interdisciplinary Mathematics				273	329	10.1007/978-981-15-0561-4_8
Prasanna V.; Babu P.R.; Kumar A.S.	Experimental studies of dissimilar metals welded joint by F.S.W	2019	Materials Today: Proceedings	18			3276	3285	10.1016/j.matpr.2019.07.234
Banu M.	Operational efficiency of indian banking sector- a comparative analysis	2019	International Journal on Emerging Technologies	10	3		45	50	
Zaheer R.; Shaziya H.	A Study of the Optimization Algorithms in Deep Learning	2019	Proceedings of the 3rd International Conference on Inventive Systems and			9036442	536	539	10.1109/ICISC44355.2019.9036442
Karthik Reddy G.; Nirmala Devi L.	Optimization of Distributed Energy Efficient Clustering Variants for Enhancing Lifetime in WSNs	2019	Lecture Notes on Data Engineering and Communications Technologies	26			1573	1584	10.1007/978-3-030-03146-6_184
Limaye A.; Sweta J.; Madhavi M.; Mudgal U.; Mukherjee S.; Sharma S.; Hussain T.; Nayarisseri A.; Singh S.K.	In silico insights on GD2: A potential target for pediatric neuroblastoma	2019	Current Topics in Medicinal Chemistry	19	30		2766	2781	10.2174/1568026619666191112115333
Ramesh K.; Shylaja S.; Ramgopal S.; Rao A.S.; Rajanna K.C.	Poly(ethylene glycol) supported metal nitrates as well-organized reagents for hunsdiecker conversion of $\alpha,\beta$ -unsaturated acids to $\alpha$ -nitrostyrenes under solvent and acid-free conditions	2019	Asian Journal of Chemistry	31	8		1798	1800	10.14233/ajchem.2019.21975
Ramesh A.; Nageshwar Rao C.; Kumar M.	Experimental study on geocell and of fibre reinforced soil sub-grade under static and repetitive load	2019	Lecture Notes in Civil Engineering	29			139	149	10.1007/978-981-13-6713-7_11

Rao K.D.	Space-time coding	2019	Forum for Interdisciplinary Mathematics				423	463	10.1007/978-981-15-0561-4_12
Vuradi R.K.; Dandu K.; Yata P.K.; Rani V.; Mallepally R.R.; Chintakuntla N.; Ravi C.; Thakur S.S.; Mohan Rao C.; Satyanarayana S.	Correction: Studies on the DNA binding and anticancer activity of Ru(II) polypyridyl complexes by using a (2-(4-(diethoxymethyl)-1H-imidazo[4,5-F] [1,10] phenanthroline)) intercalative ligand (New Journal of Chemistry (2018) 42 (846-859) DOI: 10.1039/C7NJ02819D)	2019	New Journal of Chemistry	43	32		12874		10.1039/c9nj90103e
Rao K.D.	Linear block codes	2019	Forum for Interdisciplinary Mathematics				79	135	10.1007/978-981-15-0561-4_4
Bodiga V.L.; Bodiga S.	Ascorbic Acid Is a Potential Inhibitor of Collagenases—In Silico and In Vitro Biological Studies	2019	In Silico Drug Design: Repurposing Techniques and Methodologies				649	677	10.1016/B978-0-12-816125-8.00022-5
Venu Madhav B.S.R.; Suryanarayana B.	Hot deformation behaviour studies on 58Ni-39Cr Nickel super alloy by thermo-mechanical simulation and finite element method	2019	International Journal of Mechanical and Production Engineering Research and	9	3	IJMPERDJUN2019116	1085	1094	10.24247/ijmperdjun2019116
Venkataramana R.; Chittireddy V.R.R.; Ashok D.; Rao K.K.	Microwave-assisted synthesis of 2,8-di(alkyl/aryl)-4,6-dichloro-2H,8H-pyrano[3,2-g]chromene-3,7-dicarbaldehydes and their antimicrobial activity	2019	Journal of the Serbian Chemical Society	84	4		355	364	10.2298/JSC180127011V
Anumolu P.D.; Gurralla S.; Gellaboina A.; Mangipudi D.G.; Menkana S.; Chakka R.	Spectrophotometric quantification of anti-inflammatory drugs by application of chromogenic reagents; [Anti-enflamatuvar ilaçlar?n kromojenik reaktifler kullan?larak spektrofotometrik miktar tayinleri]	2019	Turkish Journal of Pharmaceutical Sciences	16	4		410	415	10.4274/tjps.galenos.2018.07830
Rao K.D.	Overview of the performance of digital communication over fading channels	2019	Forum for Interdisciplinary Mathematics				23	53	10.1007/978-981-15-0561-4_2

Sirisha B.; Satish Kumar P.	A simplified and generalised SVPWM method including over modulation zone for seven level diode clamped inverter – FPGA implementation	2019	International Journal of Power Electronics	10	4		350	366	10.1504/IJPELEC.2019.102505
Raju R.L.; Reddy C.R.K.	Node activity based trust and reputation estimation approach for secure and QoS routing in MANET	2019	International Journal of Electrical and Computer Engineering	9	6		5340	5350	10.11591/ijece.v9i6.pp5340-5350
Pallapothu H.; Ashok Kumar U.; Laxminarayana P.	Micro drilling of glass fibre reinforced polymer composites	2019	Materials Today: Proceedings	46			9252	9256	10.1016/j.matpr.2020.01.545
Gazi A.S.; Krishnasailaja A.	Preparation and characterization of methotrexate loaded polymeric nanoparticles by nanoprecipitation technique	2019	Nano Biomedicine and Engineering	11	4		351	360	10.5101/nbe.v1i4.p351-360
Vanaja M.; Sathish P.; Lakshmi N.J.; Vijay Kumar G.; Vagheera P.; Mohan C.; Yadav S.K.; Sarkar B.; Maheswari M.; Sammi Reddy K.	Elevated CO2 ameliorate the negative effects of high temperature on groundnut (Arachis hypogaea) - Studies under free-air temperature elevation	2019	Journal of Agrometeorology	21	4		411	419	
Dadigala R.; Bandi R.; Gangapuram B.R.; Guttena V.	Construction of in situ self-assembled FeWO4/g-C3N4 nanosheet heterostructured Z-scheme photocatalysts for enhanced photocatalytic degradation of rhodamine B and tetracycline	2019	Nanoscale Advances	1	1		322	333	10.1039/c8na00041g
AL-Hashimi N.N.; Awwad A.I.; AL-Hashimi A.N.; Mansi I.A.; Shahin R.O.; Hamed S.H.	Functionalized multi walled carbon nanotubes-reinforced hollow fiber solid/liquid phase microextraction and HPLC-DAD for determination of phenazopyridine in urine	2019	Current Pharmaceutical Analysis	15	5		447	455	10.2174/1573412914666180329153443
Banu M.; Vepa S.	Influence of monetary policy on the profitability of the commercial bank– an analytical study of the state bank of India	2019	International Journal on Emerging Technologies	10	4		239	248	

Kupsal K.; Hanumanth S.R.	Oxidative stress mechanisms in type 2 diabetes induced coronary heart disease	2019	Oxidative Stress in Heart Diseases				483	505	10.1007/978-981-13-8273-4_22
Venkata Ramana E.; Prasad N.V.; Figueiras F.; Lajaunie L.; Arenal R.; Otero-Irurueta G.; Valente M.A.	The growth and improved magnetoelectric response of strain-modified Aurivillius SrBi <sub>4</sub> .25La <sub>0.75</sub> Ti <sub>4</sub> FeO <sub>18</sub> thin films	2019	Dalton Transactions	48	35		13224	13241	10.1039/c9dt01667h
Kirana K.; Gangadhar V.; Prasad G.	Synthesis and characterization of multi functional NaNbO <sub>3</sub> -KNbO <sub>3</sub> mixed ceramics	2019	Materials Today: Proceedings	11			971	979	10.1016/j.matpr.2018.12.026
Rao K.D.	Convolutional codes	2019	Forum for Interdisciplinary Mathematics				137	179	10.1007/978-981-15-0561-4_5
Suresh Kumar P.; Ramachandram S.	Fuzzy-based integration of security and trust in distributed computing	2019	Advances in Intelligent Systems and Computing	816			899	912	10.1007/978-981-13-1592-3_72
Haritha L.; Chandra Sekhar K.; Nagaraju R.; Ramadevudu G.; Sathe V.G.; Shareefuddin M.	Effect of metal fluorides on chromium ions doped bismuth borate glasses for optical applications	2019	Chinese Physics B	28	3	38101			10.1088/1674-1056/28/3/038101
Badrinarayan S.; Sheth B.P.; Pal K.; Lakshman K.; Sinu P.A.; Manjari K.S.; Nagaleekar V.K.; Devi W.P.	Overhauling the communicational inconsistencies in Indian science	2019	Current Science	116	1		20	21	
Kumar V.G.; Phaneendra K.	Optimization of temperature of a 3D duct with the position of heat sources under mixed convection	2019	Lecture Notes in Mechanical Engineering				275	284	10.1007/978-981-13-1903-7_32

Gugulothu R.; Sanke N.; Gupta A.V.S.S.K.S.	Numerical study of heat transfer characteristics in shell-and-tube heat exchanger	2019	Lecture Notes in Mechanical Engineering				375	383	10.1007/978-981-13-1903-7_43
Rama Raju V.	Principal component latent variate factorial analysis of MER signals of STN-DBS in Parkinson's disease (Electrode implantation)	2019	IFMBE Proceedings	68	3		65	69	10.1007/978-981-10-9023-3_12
Tantray J.A.; Reddy K.P.; Jamil K.; Yerra S.K.	Role of cytochrome epoxygenase (CYP2J2) in the pathophysiology of coronary artery disease in South Indian population	2019	Indian Heart Journal	71	1		60	64	10.1016/j.ihj.2018.11.011
Rajendar P.; Babu L.A.	Effect of inclined magnetic field on unsteady flow of tangent hyperbolic nanofluid over a stretching surface with thermal radiation	2019	Journal of Nanofluids	8	1		150	159	10.1166/jon.2019.1562
Rama Raju V.	The probabilistic random forest clinico-statistical regression analysis of MER signals with STN-DBS and enhancement of UPDRS	2019	IFMBE Proceedings	68	3		47	52	10.1007/978-981-10-9023-3_9
Kumar A.A.; Kumar D.K.; Shekhar V.	Flyers' gratification towards Rajiv Gandhi international airport	2019	Indian Journal of Marketing	49	2		25	37	10.17010/ijom/2019/v49/i2/141581
Kavitha P.; Naikoti K.	MHD boundary layer flow of non-newtonian power-law nanofluid with thermal radiation	2019	Journal of Nanofluids	8	1		84	93	10.1166/jon.2019.1567
Yelsani V.; Pothukanuri N.; Sontu U.B.; Yaragani V.; Musku Venkata R.R.	Effect of annealing temperature on structural, morphological, optical and electrical properties of spray deposited VO <sub>2</sub> thin films	2019	Medziagotyra	25	1		3	6	10.5755/j01.ms.25.1.18492

Kodadi S.K.; Tigulla P.	In silico studies of charge transfer complexes of 6-(trifluoromethyl)furo[2,3-b]pyridine-2-carbohydrazides with iodine as $\pi$ -acceptor	2019	Advances in Intelligent Systems and Computing	768			755	770	10.1007/978-981-13-0617-4_71
Thummala N.; Madhuri M.; Srinivas E.; Narsing Rao A.; Nethaji Mariappan V.E.	GIS technology for assessment of urban green cover area of Madurai corporation in Tamil Nadu	2019	Springer Series in Geomechanics and Geoengineering				25	31	10.1007/978-3-319-77276-9_3
Hari Krishna B.; Narasimha V.B.	Optimized key management scheme for sensor networks using genetic algorithm	2019	Lecture Notes in Networks and Systems	32			471	478	10.1007/978-981-10-8201-6_53
Saidulu N.; Gangaiah T.; Lakshmi A.V.	Impact of thermal radiation on mhd flow of tangent hyperbolic nanofluid over a nonlinear stretching sheet with convective boundary condition	2019	Journal of Nanofluids	8	1		41	50	10.1166/jon.2019.1556
Reddy B.M.; Latheef S.A.A.	Association of Body mass index with non-communicable diseases: Polycystic ovary syndrome, type 2 diabetes mellitus and coronary artery disease	2019	Journal of Human Ecology	65	45294		1	11	10.31901/24566608.2019/65.1-3.3131
Chermala D.; Akula S.; Ravula S.; Vudem D.R.; Kancha R.K.	Consensus anticancer activity profiles derived from the meta-analysis of reference compounds for widely used cell lines	2019	Future Medicinal Chemistry	11	1		33	42	10.4155/fmc-2018-0303
Darooei M.; Khan F.; Rehan M.; Zubeda S.; Jeyashanker E.; Annapurna S.; Shah A.; Maddali S.; Hasan Q.	MED12 somatic mutations encompassing exon 2 associated with benign breast fibroadenomas and not breast carcinoma in Indian women	2019	Journal of Cellular Biochemistry	120	1		182	191	10.1002/jcb.27293
Godugu D.; Beedu S.R.	Synthesis, characterisation and anti-tumour activity of biopolymer based platinum nanoparticles and 5-fluorouracil loaded platinum nanoparticles	2019	IET Nanobiotechnology	13	3		282	292	10.1049/iet-nbt.2018.5171



Sonkamble S.; Sahya A.; Jampani M.; Ahmed S.; Amerasinghe P.	Hydro-geophysical characterization and performance evaluation of natural wetlands in a semi-arid wastewater irrigated landscape	2019	Water Research	148			176	187	10.1016/j.watres.2018.10.040
Ramesh Reddy K.; Narender Babu P.; Srinivas E.	Urbanisation and tank systems adjoining Hyderabad—a rapid assessment using remote sensing techniques	2019	Springer Series in Geomechanics and Geoengineering				91	99	10.1007/978-3-319-77276-9_10
Rajasri A.; Prasad N.V.; Prasad G.; Kumar G.S.	Synthesis and DC conductivity studies of multivalent substituted ABO <sub>3</sub> perovskite KNN multifunctional ferroelectric materials	2019	Materials Today: Proceedings	11			1061	1065	10.1016/j.matpr.2018.12.039
Reddy C.V.; Raju C.J.S.; Babu P.R.; Ramnarayanan R.	Effect of Benzoxazine on epoxy based carbon fabric reinforced composites for high strength applications	2019	Lecture Notes in Mechanical Engineering				353	367	10.1007/978-981-13-2490-1_32
Sudhakar K.; Deepaktarun C.H.; Bhavya G.B.; Reddy K.P.	Protective effects of succimer against lead induced neurotoxicity in developing brain of rats	2019	Journal of Environmental Biology	40	1		89	95	10.22438/jeb/40/1/MRN-720
Radharani S.; Vani C.; Naveen Kumar P.	Preliminary Investigation of Generation of US-Based GPS Signal	2019	Lecture Notes in Networks and Systems	65			271	278	10.1007/978-981-13-3765-9_28
Rani R.S.; Saharay M.	Molecular dynamics simulation of protein-mediated biomineralization of amorphous calcium carbonate	2019	RSC Advances	9	3		1653	1663	10.1039/C8RA08459A
Reddy T.V.; Govatati S.; Deenadayal M.; Sisinthy S.; Bhanoori M.	Impact of mitochondrial DNA copy number and displacement loop alterations on polycystic ovary syndrome risk in south Indian women	2019	Mitochondrion	44			35	40	10.1016/j.mito.2017.12.010

Shankaraiah C.; Gangadhar V.; Vithal M.; Prasad G.	Synthesis and Impedance studies of potassium bismuth tri phosphate electrolyte	2019	Materials Today: Proceedings	11			1024	1029	10.1016/j.matpr.2018.12.033
Kusampally U.; Soma R.; Kamatala C.R.	For one-pot synthesis of 14-aryl -14H dibenzo [a, j] xanthenes under greenery conditions	2019	Rasayan Journal of Chemistry	12	1		152	156	10.31788/RJC.2019.1215043
Bhimagavni N.K.; Kumar P.V.	Refinement of manually built bayesian networks created by domain experts based on markov assumption	2019	Lecture Notes in Networks and Systems	32			169	178	10.1007/978-981-10-8201-6_19
Venkatesham N.; Tejasree C.; Devi D.K.; Edukondalu A.; Somaiah P.V.	Synthesis and characterization of SrTiO <sub>3</sub> and g-C <sub>3</sub> N <sub>4</sub> -SrTiO <sub>3</sub> nanocomposite by screw capped method	2019	Materials Research Express	6	1	15902			10.1088/2053-1591/aae4eb
Srinivas E.; Nagaraju T.; Sivasanker E.; Sreedhar K.; Ramesh Reddy K.	Distribution of Seasonal Snow Cover Mapping Using Satellite Data in Sutlej Basin	2019	Springer Series in Geomechanics and Geoengineering				865	873	10.1007/978-3-319-77276-9_78
Ravi G.; Mamidi S.; Sreenu K.; Manjula P.; Vaishnavi K.; Vithal M.	Layered Na <sub>2</sub> WO <sub>4</sub> and its cation/anion doped analogues for the treatment of polluted water	2019	FlatChem	13			1	7	10.1016/j.flatc.2018.12.005
Gangadhar V.; Shankariah C.; Prasad G.	Synthesis, structural and electrochemical studies of cathode materials	2019	Materials Today: Proceedings	11			929	934	10.1016/j.matpr.2018.12.021
Srinivasa Rao B.; Premchand P.	A secure and computational-efficient multicast key distribution for wireless networks	2019	Advances in Intelligent Systems and Computing	768			91	101	10.1007/978-981-13-0617-4_10

Balnarsaiah B.; Rajitha G.; Penta B.	Classifications of SAR Images Using Sparse Coding	2019	Springer Series in Geomechanics and Geoengineering				761	769	10.1007/978-3-319-77276-9_69
Raju V.R.; Neerati L.; Sreenivas B.	Latent variate factorial principal component analysis of microelectrode recording of subthalamic nuclei neural signals with deep brain stimulator in Parkinson disease	2019	SpringerBriefs in Applied Sciences and Technology				73	83	10.1007/978-981-13-0059-2_9
Murali Krishna K.; Konda Reddy N.; Raghavendra Sharma M.	Forecasting of daily prices of gold in India using ARIMA and FFNN models	2019	International Journal of Engineering and Advanced Technology	8	3		516	521	
Vidyadhari M.; Sujatha M.; Krupa P.; Nallari P.; Venkateshwari A.	Association of genetic polymorphism of vascular endothelial growth factor in the etiology of recurrent pregnancy loss: a triad study	2019	Journal of Assisted Reproduction and Genetics						10.1007/s10815-019-01431-y
Sakram G.; Kuntamalla S.; Madhusudan N.; Dhakate R.; Saxena P.R.	Demarcating of Aquifer Zones with Geophysical and Geospatial Approach in South Western parts of Rangareddy District, Telangana State, India	2019	Springer Series in Geomechanics and Geoengineering				587	598	10.1007/978-3-319-77276-9_52
Prabhakar B.; Bandari S.; Reddy C.S.	A revised model to analyzemhd flow of maxwell nanofluid past a stretching sheet with nonlinear thermal radiation effect	2019	International Journal of Fluid Mechanics Research	46	2		151	165	10.1615/INTERJ FLUIDMECHRES. 2018021037
Lokender Reddy P.; Yesuratnam G.	A modified bacterial foraging algorithm based optimal reactive power dispatch	2019	Indonesian Journal of Electrical Engineering and Computer Science	13	1		361	367	10.11591/ijeecs.v13.i1.pp361-367
Taranum F.; Khan K.U.R.; Aleemuddin M.	Power Consumption Analysis in Multi-hop Networks of Mobile Environments	2019	Communications in Computer and Information Science	958			472	483	10.1007/978-981-13-3804-5_35

Khan I.A.; Jahan P.; Hasan Q.; Rao P.	Genetic confirmation of T2DM meta-analysis variants studied in gestational diabetes mellitus in an Indian population	2019	Diabetes and Metabolic Syndrome: Clinical Research and Reviews	13	1		688	694	10.1016/j.dsx.2018.11.035
Praveena U.; Kumar V.J.B.V.; Prasad N.V.; Prasad G.; Kumar G.S.	Effect of synthesis on properties of Gd doped LaBi5Fe2Ti3O18	2019	Materials Today: Proceedings	11			1041	1048	10.1016/j.matpr.2018.12.036
Kumar B.R.; Prasad N.V.; Prasad G.; Kumar G.S.	Synthesis, DC conductivity and Dielectric studies on double doped Strontium Bismuth Niobate Ceramics	2019	Materials Today: Proceedings	11			1036	1040	10.1016/j.matpr.2018.12.035
Venkanna M.; Rao R.; Chandra Sekhar P.	An Efficient Design of ASIP Using Pipelining Architecture	2019	Advances in Intelligent Systems and Computing	846			117	128	10.1007/978-981-13-2182-5_12
Rakesh Phanindra A.; Narasimha V.B.; PhaniKrishna C.V.	A review on application security management using web application security standards	2019	Advances in Intelligent Systems and Computing	731			477	486	10.1007/978-981-10-8848-3_45
Rani H.P.; Narayana V.; Rameshwar Y.	Bottom heated mixed convective flow in lid-driven cubical cavities	2019	Lecture Notes in Mechanical Engineering				597	602	10.1007/978-981-13-1903-7_68
Qi F.; Bhukya R.; Akavaram V.	Some inequalities of the Turán type for confluent hypergeometric functions of the second kind	2019	Studia Universitatis Babes-Bolyai Mathematica	64	1		63	70	10.24193/subbmath.2019.1.06
Miryala J.; Morthad M.; Battu S.	Green synthesis approaches of 2-bromo-4-methyl thiazole-5-carboxamide derivatives as potent microbial agents	2019	Asian Journal of Chemistry	31	2		297	302	10.14233/ajchem.2019.21571

Jayababu N.; Polaju M.; Shruthi J.; Reddy M.V.R.	NiO decorated CeO <sub>2</sub> nanostructures as room temperature isopropanol gas sensors	2019	RSC Advances	9	24		13765	13775	10.1039/c9ra00441f
Kalyani P.; Madhavi Latha M.; Chandra Sekhar P.	Energy-Efficient SRAM Cell Design with Body Biasing	2019	Lecture Notes in Networks and Systems	65			377	385	10.1007/978-981-13-3765-9_39
Shiva Kumar K.; Naikawadi P.K.; Rajesham B.; Rambabu D.	Four-component, three-step cascade reaction: an effective synthesis of indazole-fused triazolo[5,1-c]quinoxalines	2019	New Journal of Chemistry	43	11		4333	4337	10.1039/c8nj06299d
Ashok D.; Kavitha R.; Gundu S.; Sarasija M.	Microwave-assisted synthesis and antimicrobial evaluation of 6-[3-aryl-1-phenyl-4,5,6,7-tetrahydro[4,5-b]pyrazol]-3-yl]-2H-chromen-5-ols	2019	Journal of the Serbian Chemical Society	84	3		237	244	10.2298/JSC171206113A
Vasudeva Reddy Y.; Mohan Kumar T.; Shekharam T.; Nagabhushanam M.	Influence of Pb on structure, optical and electrical properties of Zn <sub>1-x</sub> Pb <sub>x</sub> S semiconductor compounds at low temperatures	2019	Chemical Physics Letters	715			147	152	10.1016/j.cplett.2018.11.033
Sripathi M.P.; Berely S.; Ramana Reddy C.V.	Computational studies of 4-formylpyridinethiosemicarbazone and structural and biological studies of its Ni(II) and Cu(II) complexes	2019	Heteroatom Chemistry	2019		3507837			10.1155/2019/3507837
Srinivasa Rao B.; Premchand P.	Design and implementation of a hacker detection scheme: A network security measure in heterogeneous WSN	2019	Lecture Notes in Networks and Systems	32			503	511	10.1007/978-981-10-8201-6_56
Gopal D.; Kishan N.	Velocity and curvature slip impacts on cassinon nanofluid flow over an inclined magnetic permeable stretching cylinder	2019	Journal of Nanofluids	8	4		830	837	10.1166/jon.2019.1630

Kuntamalla S.; Sakram G.; Madhusudhan N.; Srinivas E.	Estimating Aquifer Characteristics by Conducting Pumping Tests: A GIS and Remote Sensing Approach in South Western Part of Mahbubnagar District, Telangana State, India	2019	Springer Series in Geomechanics and Geoengineering				599	612	10.1007/978-3-319-77276-9_53
---	---	------	--	--	--	--	-----	-----	------------------------------