



Publication 2023

S. No	Authors	Title	Source title	DOI
1	Suvarna K.; Shanjitha S.; Selvasekarapandian S.; Kirubavathy S.J.	Development of a Solid Bio-Electrolyte from a Seaweed Extract – Polyvinyl Alcohol Blend for Primary Mg-Ion Conducting Batteries	Chemistry Select	10.1002/slct.202204320
2	Thangavelu G.P.; Dhanapal A.R.; Samynathan R.; Venkidasamy B.; Thiruvengadam M.; Nagdalian A.; Shariati M.A.	Biological control of toxic microbial metabolites in the reformulated food	Strategies to Improve the Quality of Foods	10.1016/B978-0-443-15346-4.00010-0
3	Balakrishnan P.D.; Arunadevi N.; Rath N.P.; Kanchana P.; Premkumar T.	A one-pot solid-state synthesis of MgO nanoparticles and their catalytic, biological, and electrochemical sensor activities: hexaaquamagnesium(ii) bis(6-oxo-1,6-dihydropyridine-3-carboxylate) as a tool	New Journal of Chemistry	10.1039/d2nj05382a
5	Thirunavukkarasu T.; Ramachandran E.; Natarajan K.; Sparkes H.A.; Al-Resayes S.I.; Azam M.	A study on the applications of 3-amino quinoline complexes of Pd(II) as catalysts for the Suzuki-Miyaura coupling of aryl halides in aqueous and organic media	Polyhedron	10.1016/j.poly.2022.116207
6	Chathalingath N.; Gunasekar A.	First report of Pantoea ananatis causing leaf blight disease of pomegranate in India	New Disease Reports	10.1002/ndr.2.12233
7	Thiruarul D.; Charles J.W.; Lavanya M.; Rajesh K.B.; Jaroszewicz Z.	Generation of sub-wavelength longitudinal magnetization needle and multiple longitudinal spots using circularly polarized beam through an annular walsh function filter	Journal of Optics (India)	10.1007/s12596-023-01428-y

8	Kumar D.S.R.S.; Puthiran S.H.; Selvaraju G.D.; Matthew P.A.; Senthilkumar P.; Kuppusamy S.; Mani R.R.; Hatamleh A.A.; AI- Dosary M.A.; Chang S.W.; Ravindran B.	Preparation and Characterization of Magnetite-Polyvinyl Alcohol Hybrid Nanoparticles (As-PVA-MNPs) Using Acanthophora spicifera Marine Algae Extract for Enhanced Antimicrobial Activity Against Pathogenic Microorganisms	Molecular Biotechnology	10.1007/s12033-023-00903-y
9	Kalaivani A.; Karpagavalli S.; Gulati K.	Expert Automated System for Prediction of Multi-Type Dermatology Sicknesses Using Deep Neural Network Feature Extraction Approach	International Journal of Intelligent Systems and Applications in Engineering	
10	Kar P.; Sathiyam G.; Vivekanandan K.E.; Venkatesan G.; Siva G.; Subramani R.; Kandasamy S.	A comprehensive review on tailoring factors of porous bismuth oxyhalide photocatalysts for wastewater treatment application	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2023.105234
11	Subha D.; Harshnii K.; Madhikiruba K.G.; Nandhini M.; Tamilselvi K.S.	Plant derived exosome- like Nanovesicles: an updated overview	Plant Nano Biology	10.1016/j.plana.2022.100022
12	Narayanan M.; Kandasamy S.; Lee J.; Barathi S.	Microbial degradation and transformation of PPCPs in aquatic environment: A review	Heliyon	10.1016/j.heliyon.2023.e18426
13	Muthumaniam M.; Maheswari P.; Vibisha A.; Prabhakar C.L.; Ponnas S.; Jaroszewicz Z.; Rajesh K.B.	Theoretical Design of Highly Sensitive Ag-Ni-Thiol-based Hybrid SPR Biosensor for Viral Detection	Journal of Environmental Nanotechnology	10.13074/jent.2023.09.233472
14	Sivapriya S.; Raja R.S.; Kumar A.A.; Suryakanth J.; Arunadevi N.; Ranjith Kumar E.; Balasubramanian K	Investigation on growth, structure, and physical properties of an organic crystal 2-Aminopyridinium cyanoacetate	Journal of Molecular Structure	10.1016/j.molstruc.2023.135822
15	Shanjitha S.; Suvarna K.; Sudha D.; Jone Kirubavathy S.	Potential of a novel binuclear Ni (II) single crystal to act as a luminescent platform for sensing Cd ²⁺ - Crystal structure, spectroscopic and sensing studies	Inorganica Chimica Acta	10.1016/j.ica.2023.121541

16	Prince Makarios Paul S.; Parimala devi D.; Praveena G.; Jeba Beula R.; Abiram A	Adsorption behavior of VX nerve agent on X12Y12 nanocages: a density functional theory study	Structural Chemistry	10.1007/s11224-023-02256-3
17	Elakkiya S.; Sudha V.; Sathya Priyadarshini G.; Selvi G.; Dharuman V.	Tripodal Schiff base Tris [4-(4-nitrophenyl)-3-aza-3-butenyl] amine nanorod for selective detection of uric acid	Inorganic Chemistry Communications	10.1016/j.inoche.2023.111235
18	Karthika S.; Asokan K.; Marimuthu K.; Teresa P.E.; Meena R.; Durairajan A.; Valente M.A.; Meena P.; Sankaran S.S.	Structural and optical properties of lithium borate glasses under extreme conditions of ion irradiation	Physica Scripta	10.1088/1402-4896/ace139
19	Maruthasalam L.; Thiruarul D.; Rajesh K.B.; Jaroszewicz Z.	Generating novel focal patterns for a radial variant vector beam focusing through a dielectric interface	Photonics Letters of Poland	10.4302/plp.v15i1.1198
20	Senthilkumar P.; Natarajan A.; Salmen S.H.; Alharbi S.A.; Shavrov V.; Lega P.; Subramani R.; Pushparaj C.	Utilizing protein nanofibrils as a scaffold for enhancing nutritional value in toned milk	Utilizing protein nanofibrils as a scaffold for enhancing nutritional value in toned milk	10.1016/j.envres.2023.117420
21	Chowdary B. N.; Preetham H.D.; Verma S.K.; Hamse V.K.; Umashankara M.; Raj S. N.; Pramoda K.; Kumar K.S.S.; Selvi G.	A short hydrophobic peptide conjugated 3,5- disubstituted pyrazoles as antibacterial agents with DNA gyrase inhibition	Journal of Molecular Structure	10.1016/j.molstruc.2022.134661
22	Duraisamy P.D.; Prince Makarios Paul S.; Gopalan P.; Angamuthu A.	Electrochemical properties of endohedral halide (F ⁻ , Cl ⁻ and Br ⁻) encapsulated Mg12O12 nanocage for metal-ion batteries	Inorganic Chemistry Communications	10.1016/j.inoche.2023.111359
23	Kandasamy S.; Narayanan M.; Raja R.; Devarayan K.; Kavitha R.	The current state of algae in wastewater treatment and energy conversion: a critical review	Current Opinion in Environmental Science and	10.1016/j.coes.2023.100469

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24	Basil S.; Antony S.; Subramanian M.	Existence and Uniqueness Results for a Coupled System of Nonlinear Fractional Langevin Equations	Kyungpook Mathematical Journal	10.5666/KMJ.2023.63.3.437
25	Krithika S.; Balavijayalakshmi J.	Investigation of structural, morphological and electrochemical properties of MoS ₂ /PANI/SnO ₂ nanocomposites for energy storage applications	Inorganic Chemistry Communications	10.1016/j.inoche.2022.110324
26	Rajamani R.; Indumathi K.; Srimathi P.; Praveena G.; Wong L.S.; Djearmane S.	Structure and Reactivity of Halogenated GC PNA Base Pairs – A DFT Approach	Journal of Experimental Biology and Agricultural Sciences	10.18006/2023.11(5).800.808
27	Thiruarul D.; Charles J.W.; Lavanya M.; Rajesh K.B.; Jaroszewicz Z.	Generation of multiple focal pattern via phase modulated radial and azimuthal variant vector beam	Optical and Quantum Electronics	10.1007/s11082-023-04654-7
28	Shanmugam V.; Gowrishankkar V.; Sibi S.; Sudha Maheswari T.; Vijay Bose S.; Mora M.; Chandramohan S.; Maruthamuthu M.; Nazeer I.	Role of social media on government initiatives towards human resource development	Global Perspectives on Social Media Usage Within Governments	10.4018/978-1-6684-7450-1.ch008
29	Barathi S.; J G.; Rathinasamy G.; Sabapathi N.; Aruljothi K.N.; Lee J.; Kandasamy S.	Recent trends in polycyclic aromatic hydrocarbons pollution distribution and counteracting bio-remediation strategies	Chemosphere	10.1016/j.chemosphere.2023.139396
30	Arthi G.; Vaanmathi M.; Ma Y.-K.	Controllability Analysis of Impulsive Multi-Term Fractional-Order Stochastic Systems Involving State-Dependent Delay	Fractal and Fractional	10.3390/fractalfract7100727
31	Singh K.R.B.; Natarajan A.	Molecularly imprinted polymer-based optical immunosensors	Luminescence	10.1002/bio.4252
32	Mano Priya A.; Azaad B.	Mechanism and kinetics of atmospheric degradation of menthol initiated by hydroxyl radical	New Journal of Chemistry	10.1039/d3nj04621d

33	Lakshminarayanan K.; Sivanandhan M.; Ramasundaram S.; Oh T.H.; Shah K.J.; Saranraj K.; Parasuraman A.; Balu K.	NbCl ₅ Functionalized Perlite: A Potent and Recyclable Catalyst for Synthesis of Pyrans	Sustainability (Switzerland)	10.3390/su15043678
34	Arunadevi N.; Jone Kirubavathy S.	Three-dimensional approaches based on nanotechnology towards wound management	Nanotechnological Aspects for Next-Generation Wound Management	10.1016/B978-0-323-99165-0.00007-1
35	Nair J.P.; Vijaya M.S.	Temporal Fusion Transformer: A Deep Learning Approach for Modeling and Forecasting River Water Quality Index	International Journal of Intelligent Systems and Applications in Engineering	
36	Eswaranpillai U.; Murugesan P.; Karuppiah P.	Assess the impact of cultivation substrates for growing sprouts and microgreens of selected four legumes and two grains and evaluation of its nutritional properties	Plant Science Today	10.14719/ps.t.2058
37	Sabui P.; Mallick S.; Singh K.R.B.; Natarajan A.; Verma R.; Singh J.; Singh R.P.	Potentialities of fluorescent carbon nanomaterials as sensor for food analysis	Luminescence	10.1002/bio.4406
38	Inbarajan K.; Sowmya S.; Janarthanan B.	Potential application of Ce doped NiO green synthesised from husk of Cocos nucifera in various types of DSSCs	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2023.2263404
39	Gajendiran K.; Ma Y.; Kandasamy S.; Sabour A.A.A.; Alshiekheid M.; Pugazhendhi A.; Narayanan M.	Tannery wastewater remediation competence of metal tolerant bacteria and fungi under the influence of chemically modified water hyacinth biochar: an in vitro evaluation	Biomass Conversion and Biorefinery	10.1007/s13399-023-05126-4
40	Vinod V.; Amritha P.S.; Harathi P.B.	A systematic review on bisphenols – Sources, health impacts, and analytical determination of bisphenol A in aqueous samples	Separation Science Plus	10.1002/sscp.202300072
41	Ganesan A.; Thangaraj M.; Ma Y.-K.	Exponential Stability for Second-Order Neutral Stochastic Systems	Symmetry	10.3390/sym15122135

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42	Paul R.; K. K.; S. P.	Tantalum doped titanium dioxide nanoparticles for efficient photocatalytic degradation of dyes	Journal of Molecular Structure	10.1016/j.molstruc.2022.134869
43	Jenifer P.P.S.; Krishnaveni C.; Kanchana M.	Role of lens and dormancy breaking treatment in Fabaceae seeds (<i>Acacia auriculiformis</i> A.Cunn. ex Benth., <i>Delonix regia</i> (Bojer ex Hook.) Raf. <i>Cassia fistula</i> L., <i>Samanea saman</i> (Jacq.) Merr., <i>Pongamia pinnata</i> L.)	Research Journal of Biotechnology	10.25303/1811rjbt01250132
44	Gopalakrishnan A.; Vadivel V.	Multi-objective metaheuristic optimization algorithms for wrapper-based feature selection: a literature survey	Bulletin of Electrical Engineering and Informatics	10.11591/eei.v12i5.4757
45	Suvarna K.; Shanjitha S.; Selvasekarapandian S.; Kirubavathy S.J.	Investigation of solid bio-membrane based on corn biomass as a proton-conducting bio-electrolyte	Bulletin of Materials Science	10.1007/s12034-023-02946-y
46	Divya M.O.; Vijaya M.S.	Revolutionizing foetal cardiac anomaly diagnosis: unleashing the power of deep learning on foetalecho images	Journal of Theoretical and Applied Information Technology	
47	Jayakumar T.; Mani G.; Dhayalan S.; Sennimalai R.; Krishnamoorthy K.; Govindasamy C.; Al-Numair K.S.; Alsaif M.A.; Cheon Y.P.	Characterization, Antimicrobial and Anticancer Properties of Palladium Nanoparticles Biosynthesized Routed Through <i>Bacillus</i> sp	Journal of Cluster Science	10.1007/s10876-023-02435-6
48	Kumaravel A.; Sathyamoorthi S.; Sadhana S.	Highly stable commercial-level mass-loaded supercapacitor using <i>Datura stramonium</i> seeds derived activated microporous biocarbon	Ionics	10.1007/s11581-023-05181-x
49	Narayanan M.; Subramani R.; Kandasamy S.	Assessing pollutant sorption efficiency of modified and unmodified biochar with <i>Bacillus cereus</i> on contaminated lake water: implications for <i>Oryza sativa</i> seedling and <i>Artemia franciscana</i> larvae viability	Biomass Conversion and Biorefinery	10.1007/s13399-023-04952-w
50	Basil S.; Antony S.	Solution to a system of non-linear fuzzy differential equation with generalized Hukuhara derivative	Advances in the Theory of Nonlinear	10.31197/atnaa.1232379

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51	Amritha P.S.; Veena V.; Harathi P.B.	Model Periphyton Biofilms: Biological System of Bioremediation of Synthetic Plastics	Microbiology (Russian Federation)	10.1134/S002626172260358X
52	Govindaraj K.; Venkatesh B.T.	Corporate governance practices during COVID-19	Future Outlooks on Corporate Finance and Opportunities for Robust Economic Planning	10.4018/978-1-6684-5342-1.ch008
53	Narayanan M.; Lee J.; Barathi S.; Kandasamy S.	Marine bioresources are a boon for bioplastic production as an alternative to conventional plastics—a review	Biomass Conversion and Biorefinery	10.1007/s13399-023-04783-9
54	Singh K.R.; Natarajan A.; Pandey S.S.	Bioinspired Multifunctional Silver Nanoparticles for Optical Sensing Applications: A Sustainable Approach	ACS Applied Bio Materials	10.1021/acsabm.3c00669
55	Sornapriya J.; Lekeshmenaswamy M.	Trapping analysis of ants (Hymenoptera, Formicidae) in Kurunthamalai, Coimbatore, Tamil Nadu, India	Entomon	10.33307/entomon.v48i1.855
56	Ramkumar S.; Kaviarasi R.; Kavyasri E.; Priyadarshini G.S.	A systematic investigation of luminescent schiff bases: Photophysical and DFT studies	Chemical Physics Impact	10.1016/j.chphi.2023.100294
57	Sreeram S.; Sathishkumar R.; Amritha P.S.	Targeting the ENV spike protein of HIV with naturally occurring compounds: an in-silico study for drug designing	Advances in Traditional Medicine	10.1007/s13596-021-00617-z
58	Dhanalakshmi M.; Sruthi D.; Jinuraj K.R.; Das K.; Dave S.; Andal N.M.; Das J.	Mannose: a potential saccharide candidate in disease management	Medicinal Chemistry Research	10.1007/s00044-023-03015-z
59	Sivaranjani B.; Karpagavalli S.	A Survey and Analysis of Deep Learning Techniques for Bird Species Classification	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 -	10.1109/ICSCSS57650.2023.10169573

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61	Nithya C.; Modigunta J.K.R.; In I.; Kim S.; Gopukumar S.	Bi2S3 Nanorods Deposited on Reduced Graphene Oxide for Potassium-Ion Batteries	ACS Applied Nano Materials	10.1021/acsanm.3c00437
62	Inbarajan K.; Sowmya S.; Janarthanan B.	Fabrication of dye-sensitized solar cells with the dyeing industrial effluent	Optik	10.1016/j.ijleo.2023.171471
63	Umamageswari N.; Thiruarul D.; Lavanya M.; Charles J.W.; Jaroszewicz; Rajesh K.B.	Engineering axially polarized sub-wavelength scale focal structures using annular Walsh filter	Journal of Optics (India)	10.1007/s12596-022-01010-y
64	Devi Balakrishnan P.; Rath N.P.; Premkumar T.; Ganesh A.; Kanchana P.	Facile and green synthesis, crystal structure, antibacterial activity, Hirshfeld surface analysis, and computational investigation of a novel lithium(I) complex: Comparisons of theoretical and experimental analyses	Journal of Molecular Liquids	10.1016/j.molliq.2023.123118
65	Chathalingath N.; Gunasekar A.; Venu S.	Phenotypic and molecular characterisation of Xanthomonas axonopodis pv. punicae from pomegranate leaves	Physiological and Molecular Plant Pathology	10.1016/j.pmp.2023.102160
66	Bhuvaneshwari V.; Paul P.K.	Dual specific Protein kinases mediate neem fruit extract-induced defense gene expression in Solanum lycopersicum L.	South African Journal of Botany	10.1016/j.sajb.2023.01.039
67	Chathalingath N.; Kingsly J.S.; Gunasekar A.	Biosynthesis and biodegradation of poly(3-hydroxybutyrate) from Priestia flexa; A promising mangrove halophyte towards the development of sustainable eco-friendly bioplastics	Microbiological Research	10.1016/j.micres.2022.127270
68	Saraswathi C.; Maruthasalam L.; Udhayakumar M.; Jaroszewicz Z.	Focusing properties of Azimuthally Polarized Lorentz Gauss Vortex Beam through a Dielectric Interface	Photonics Letters of Poland	10.4302/plp.v15i3.1200
69	Phuangchik T.; Shanmugam P.; Kandasamy S.; Bunnag S.; Boonyuen S.	Investigating six types of bamboo charcoal for eco-friendly renewable energy generation	Biomass Conversion and Biorefinery	10.1007/s13399-023-05200-x

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71	Sunitha kumari K.; Devi S.N.P.; Ranjithkumar R.; Djearmane S.; Tey L.-H.; Wong L.S.; Kayarohanam S.; Arumugam N.; Almansour A.I.; Perumal K.	Organic Remobilization of zinc and phosphorus availability to plants by application of mineral solubilizing bacteria <i>Pseudomonas aeruginosa</i>	Heliyon	10.1016/j.heliyon.2023.e22128
72	Saranya T.; Kavithaa K.; Paulpandi M.; Ramya S.; Winster S.H.; Mani G.; Dhayalan S.; Balachandar V.; Narayanasamy A.	The creation of selenium nanoparticles decorated with troxerutin and their ability to adapt to the tumour microenvironment have therapeutic implications for triple-negative breast cancer	New Journal of Chemistry	10.1039/d2nj05671b
73	Karthika K.; Yamuna R.	Anti-obesity, anti-diabetic and anti-inflammatory activity of <i>Camponotus compressus</i> extract; in vitro and in-silico studies; [Δράση κατά της παχυσαρκίας, αντιδιαβητική δράση και αντιφλεγμονώδης δράση του εκχυλίσματος του <i>Camponotus compressus</i> . In vitro και in-silico μελέτες]	Entomologia Hellenica	
74	devi Duraisamy P.; Prince Makarios Paul S.; Gopalan P.; Jeba Beula R.; Angamuthu A.	Investigation of Dihydrogen Bonded Interaction in $X_3CH\cdots HNa$, $X_2CH_2\cdots HNa$ ($X = F, Cl, \text{ and } Br$) Binary and Ternary Complexes: A DFT and DFT-D3 Approach	Russian Journal of Physical Chemistry A	10.1134/S0036024423130277
75	Thapa S.; Singh K.R.B.; Natarajan A.; Singh J.; Pandey S.S.; Singh R.P.	MXene-Based Functional Materials as Antibacterial and Antiviral Agents	ACS Symposium Series	10.1021/bk-2023-1458.ch011
76	Mano Priya A.; Aazaad B.; Mythili V.P.; Lakshmi pathi S.	Reaction mechanism and kinetics of H and Cl atom abstraction in Dichloromethane with OH radical	Computational and Theoretical Chemistry	10.1016/j.comptc.2023.114082
77	Durairaj M.; Jayakumar S.; Monika; Karpagavalli V.S.; Uma Maheswari B.; Boopathi S.	Utilization of digital tools in the indian higher education system during health crises	Multidisciplinary Approaches to Organizational	10.4018/978-1-7998-9213-7.ch001

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78	Wang Y.; Qamruzzaman M.; Serfraz A.; Theivanayaki M.	Does Financial Deepening Foster Clean Energy Sustainability over Conventional Ones? Examining the Nexus between Financial Deepening, Urbanization, Institutional Quality, and Energy Consumption in China	Sustainability (Switzerland)	10.3390/su15108026
79	Ganesan G.; Balu C.; Ganesan S.; Arulmani S.R.B.; Kandasamy S.	Antibiofilm activity of biosurfactant produced by a sponge-associated marine <i>Cobetia</i> sp. JCG-23	Biomass Conversion and Biorefinery	10.1007/s13399-023-04808-3
80	Karthikeyan M.P.; Banupriya C.V.; Kowsalya R.; Jayalakshmi A.	Android applications for lung nodules classification using convolutional neural network	Designing and Developing Innovative Mobile Applications	10.4018/978-1-6684-8582-8.ch011
81	Krithika S.; Balavijayalakshmi J.	Influence of Manganese Dioxide Nanoparticles on MoS ₂ /PANI Nanosheets and Its Energy Storage Applications	Journal of Inorganic and Organometallic Polymers and Materials	10.1007/s10904-023-02609-9
82	Chathalingath N.; Gunasekar A.	Elucidating the physiological and molecular characteristics of bacterial blight incitant <i>Xanthomonas auxonopodis</i> pv. <i>punicae</i> ; a life threatening phytopathogen of pomegranate (<i>Punica granatum</i> . L) and assessment of H ₂ O ₂ accumulation during host-pathogen interaction	Microbial Pathogenesis	10.1016/j.micpath.2023.106277
83	Saleem J.B.M.; Shanmugam K.	Pesticide Recommendation for Different Leaf Diseases and Related Pests Using MultiDimensional Feature Learning Deep Classifier	Ingenierie des Systemes d'Information	10.18280/isi.280113
84	Sharma R.; Thangadurai P.	Palladium-Based Catalytic Treatment and a Rhizobacterial-Assisted Detoxification for the Enhanced Removal of Lindane	Nature Environment and Pollution Technology	10.46488/N EPT.2023.v22i04.015

85	Anbarasi G.; Vishnupriya B.	Image analysis for better yield in farming	Advanced Technologies for Smart Agriculture	
86	Preethi G.; Andal M.N.	Surface Functionalized Eco-friendly Plant Seeds in the Confiscating Process of Toxic Metal ions from Aqueous Environment	Research Journal of Chemistry and Environment	10.25303/2712rjce035043
87	Parvathy C.R.; Sofia A.	A study on new classes of binary soft sets in topological rough approximation space; [Аппроксимациясы шамамен алынған топологиялық кеңістігінде бинарлы жұмсақ жиындардың жаңа кластарын зерттеу]; [Исследование новых классов бинарных мягких множеств в топологическом пространстве грубой аппроксимации]	Bulletin of the Karaganda University. Mathematics Series	10.31489/2023m4/79-94
88	Sundari S.S.; Mehala M.; Arunadevi N.; Kanchana P.; Alharthi S.S.; Kumar E.R.; Al-Douri Y.; El-Rehim A.F.A.	Structural and optical properties of salicyl-N-methyl-4-stilbazolium tosylate: Thermal, DFT, MEP and Hirshfeld surface analysis	Journal of Molecular Structure	10.1016/j.molstruc.2022.134072
89	Karpagavalli V.S.; Sumithra M.	Analysis on herbal textiles using medicinal herb extracts and standard testing methods for herbal finished textiles	Man-Made Textiles in India	
90	Swathika M.; Natarajan A.	Synthesis and photometric properties of efficient white-emitting phosphor of M-AMG transition metal complexes for OLED applications	Luminescence	10.1002/bio.4365
91	Subha D.; AnuKiruthika R.; Sreeraj H.; Tamilselvi K.S.	Plant exosomes: nano conveyors of pathogen resistance	Discover Nano	10.1186/s11671-023-03931-4
92	Behera M.; Panda R.; Dhivya P.; Joshi D.; Arun Kumar R.	Study of efficient sustainable phosphor in glass (P – i – G) material for white LED applications fabricated by tape casting and screen-printing techniques	Materials Science and Engineering: B	10.1016/j.mseb.2023.116811

93	Sudha D.; Kumar E.R.; Shanjitha S.; Munshi A.M.; Al-Hazmi G.A.A.; El-Metwaly N.M.; Kirubavathy S.J.	Structural, optical, morphological and electrochemical properties of ZnO and graphene oxide blended ZnO nanocomposites	Ceramics International	10.1016/j.ceramint.2022.10.192
94	Deepa M.; Sasikala D.; Said B.	A contemporary postulates on resolvable sets and functions	Neutrosophic Sets and Systems	10.5281/zenodo.8194823
95	Jayachandran P.; Angamuthu A.; Gopalan P.	Substitutional effects on the Na-involved electrochemical properties of isomeric benzoquinones	Computational and Theoretical Chemistry	10.1016/j.comptc.2023.114034
96	Chincholikar P.; Singh K.R.B.; Natarajan A.; Kerry R.G.; Singh J.; Malviya J.; Singh R.P.	Green nanobiopolymers for ecological applications: a step towards a sustainable environment	RSC Advances	10.1039/d2ra07707h
97	Jayachandran P.; Angamuthu A.; Gopalan P.	Electrochemical performance of sodiated 1,4-benzoquinone conformers	Structural Chemistry	10.1007/s11224-023-02132-0
98	Arthi G.	finite-time dissipativity of discrete time repeated scalar nonlinear systems	ICIC Express Letters	10.24507/icecel.17.12.1311
99	Ganesan K.; Vanathi P.; Sasthri G.; Ganeshan A.; Periakaruppan R.	Green synthesis and characterization of Halymenia floresia-mediated silica nanoparticles with antibacterial potential for removal of heavy metals from water	Biomass Conversion and Biorefinery	10.1007/s13399-023-05239-w
100	Mano Priya A.; Azaad B.; Biju D.M.	A density functional theory investigation on norepinephrine interaction with amino acids and alcohols	Journal of Molecular Structure	10.1016/j.molstruc.2023.135305
101	Vijayalakshmi D.; Menon S.K.	Overseas Direct Investments to the Wholly Owned Subsidiaries and Their Association with Indian Macroeconomic Factors	Indian Journal of Finance	10.17010/ijf/2023/v17i7/170039
102	Santhana Lakshmi V.; Vijaya M.S.	An Exploratory Data Analysis on Air Quality Data of Trivandrum	Lecture Notes in Networks and Systems	10.1007/978-981-19-9638-2_68
103	Nithya C.	Transition Metal Phosphates/Phosphonates for Lithium-Ion Batteries	Engineering Materials	10.1007/978-3-031-27062-8_16
104	Arthi G.; Suriyapriya N.	Approximate Controllability of Nonlinear Fractional Stochastic Systems Involving Impulsive	Contemporary Mathematics (Singapore)	10.37256/cm.4220232291

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