

## Q1-Journals

### LIST OF RESEARCH PUBLICATIONS



Sl. No	Authors	Title	Journal	Year	Impact Factor	Dept.	Document Type	Q1/Q2/Q3/Q4
1	Timoshin, S.A.,	Relaxation for a control problem in concrete carbonation modeling	SIAM Journal on Control and Optimization	2017	2.27	MATHS	Article	Q1
2	Namitharan, K.,	Transition-Metal-Free in Situ Generation of Terminal Alkenes: Synthesis of Multisubstituted Acrylamidines via Tandem sp <sup>3</sup> C-H Olefination/sp <sup>2</sup> C-H Arylation Reactions	ACS Catalysis	2017	13.08	CHE	Article	Q1
3	Gangi Reddy Salla	Scattering of Poincare beams: Polarization speckles	Optics Express	2017	3.89	PHY	Article	Q1
4	Subabrata Sen	(Benz)Imidazole-Directed Cobalt(III)-Catalyzed C–H Activation of Arenes: A Facile Strategy to Access Polyheteroarenes by Oxidative Annulation	European Journal of Organic Chemistry	2018	3.02	CHE	Article	Q1
5	Nimai Mishra	The Phosphine Oxide Route toward Lead Halide Perovskite Nanocrystals	Journal of the American Chemical Society	2018	15.42	CHE	Article	Q1
6	Swaminathan, S.,	Association of Medicaid Expansion with 1-Year Mortality among Patients with End-Stage Renal Disease	JAMA - Journal of the American Medical Association	2018	56.27	ECO	Article	Q1
7	Sabyasachi Mukhopadhyay	Protein bioelectronics: A review of what we do and do not know	Reports on Progress in Physics	2018	17.26	PHY	Article	Q1
8	Subabrata Sen	Design, synthesis and biological evaluation of a novel library of antimitotic C<sup>2</sup>-aryl/arylimino tryptamine derivatives that are also potent inhibitors of indoleamine-2, 3-dioxygenase (IDO)	European Journal of Pharmaceutical Sciences	2018	4.38	CHE	Article	Q1
9	Mannathan S	Nickel-Catalyzed Denitrogenative Cross-Coupling Reaction of 1,2,3-Benzotriazin-4(3	Organic Letters	2018	6.01	CHE	Article	Q1

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		H)-ones with Organoboronic Acids: An Easy Access to Ortho-Arylated and Alkenylated Benzamides						
10	Jayaseelan Murugaiyan	Methicillin-resistant Staphylococcus aureus (MRSA) and methicillin-resistant Staphylococcus pseudintermedius (MRSP) among employees and in the environment of a small animal hospital	Veterinary Microbiology	2018	3.29	BIO	Article	Q1
11	Namitharan, K., Anil K Suresh, Mahesh Kumar Ravva	Copper-Catalyzed Ring-Expansion Cascade of Azirines with Alkynes: Synthesis of Multisubstituted Pyridines at Room Temperature	Organic Letters	2018	6.01	CHE/BIO	Article	Q1
12	Timoshin, S.A.,	Bang-bang control of a thermostat with nonconstant cooling power	ESAIM - Control, Optimisation and Calculus of Variations	2018	1.62	MATHS	Article	Q1
13	Mahesh Kumar Ravva	Synthesis and properties of isoindigo and benzo[1,2-: B:4,5-b '']bis [b] benzothiophene oligomers	Chemical Communications	2018	6.22	CHE	Article	Q1
14	Jatis Kumar Dash	Transition-metal-based layered double hydroxides tailored for energy conversion and storage	Journal of Materials Chemistry A	2018	12.73	PHY	Article	Q1
15	Suresh, A.K.,	Density-based Facile Fractionation of Mixture of Monodispersed Ag and Au Nanoparticles to Purity	Soft mater	2019	3.40	BIO	Article	Q1
16	Jatis Kumar Dash	Thickness-insensitive properties of $\alpha$ -MoO <sub>3</sub> nanosheets by weak interlayer coupling	Nano Letters	2019	11.19	PHY	Article	Q1
17	Mahesh Kumar Ravva	Directing-group-assisted manganese-catalyzed cyclopropanation of indoles	Organic Letters	2019	6.01	CHE	Article	Q1
18	Mahesh Kumar Ravva	Cobalt-Catalyzed, Hydroxyl-Assisted C-H Bond Functionalization: Access to Diversely Substituted Polycyclic Pyrans	Journal of Organic Chemistry	2019	4.35	CHE	Article	Q1

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19	Sandeep Singh Sengar	Motion segmentation based surveillance video compression using adaptive particle swarm optimization	Neural Computing and Applications	2019	5.61	CSE	Article	Q1
20	Nimai Mishra	Recent Progress on Metal Chalcogenide Semiconductor Tetrapod-Shaped Colloidal Nanocrystals and their Applications in Optoelectronics	Chemistry of Materials	2019	9.81	CHE	Article	Q1
21	Soumyajyoti Biswas	Failure time in heterogeneous systems	Phys. Rev. Research	2019	0.00	PHY	Article	Q1
22	Ajitha, S.,	The moderating role of age and gender on the attitude towards new luxury fashion brands	Journal of Fashion Marketing and Management: An International Journal	2019	1.71	BBA	Article	Q1
23	Soumyajyoti Biswas	Avalanche dynamics in hierarchical fiber bundles	Phys. Rev. E	2019	2.53	PHY	Article	Q1
24	Mahesh Kumar Ravva	Harnessing autooxidation of aldehydes: In situ iodoarene catalysed synthesis of substituted 1, 3, 4-oxadiazole, in presence of molecular oxygen	Organic Letters	2019	6.01	CHE	Article	Q1
25	Jayaseelan Murugaiyan	Identification of Chitinase-3-Like Protein 1 as a Novel Neutrophil Antigenic Target in Crohn's Disease	JOURNAL OF CROHNS & COLITIS	2019	9.07	BIO	Article	Q1
26	Satya Pramod Jammy	Two-dimensional unsteadiness map of oblique shock wave/boundary layer interaction with sidewalls	Journal of Fluid Mechanics	2019	3.63	MECH	Article	Q1
27	Goutam Kumar Dalapati	Molybdenum Incorporated Cu <sub>1.69</sub> ZnSnS <sub>4</sub> Kesterite Photovoltaic Devices with Bilayer Microstructure and Tunable Optical-Electronic Properties	Solar Energy	2019	5.74	PHY	Article	Q1
28	Karthik Rajendran	How to optimise photosynthetic biogas upgrading: a perspective on system design and microalgae selection	Biotechnology Advances	2019	14.23	EVSE	Article	Q1

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29	G S VinodKumar	The effect of melt ultrasound treatment on the microstructure and age hardenability of Al-4wt.%Cu/TiC composite	Metallurgical and Materials Transactions B	2019	2.47	MECH	Article	Q1
30	Ranjit Thapa	Screening of Suitable Cationic Dopants for Solar Absorber Material CZTS/Se: A first-principles study	Scientific Reports	2019	4.38	PHY	Article	Q1
31	Sheela Singh	Effect of Cr <sub>2</sub> AlC nanolamella addition on tribological properties of 5W-30 engine oil	Applied Surface Science	2019	6.71	MECH	Article	Q1
32	Karthik Rajendran	Emission of volatile organic compounds from composting: A review on assessment, treatment and perspectives	Science of the Total Environment	2019	7.96	EVSE	Article	Q1
33	Mahesh Kumar Ravva	Fused Pyrazine and Carbazole-Containing Azaacenes: Synthesis and Properties	ChemPlusChem	2019	2.86	CHE	Article	Q1
34	Ranjit Thapa	Carbon Allotropes as Anode Material for Lithium-Ion Batteries,	Advanced Materials Technology	2019	5.40	PHY	Article	Q1
35	Karthik Rajendran	A critical review of organic manure biorefinery models toward sustainable circular bioeconomy: Technological challenges, advancements, innovations, and future perspectives	Renewable and Sustainable Energy Reviews	2019	12.98	EVSE	Article	Q1
36	Mahesh Kumar Ravva	Interactions of thiol and alkoxy radical with coinage metal nanoclusters	Applied Surface Science	2019	6.18	CHE	Article	Q1
37	Satya Pramod Jammy	Large-scale performance of a DSL-based multi-block structured-mesh application for Direct Numerical Simulation	Journal of Parallel and Distributed Computing	2019	3.37	MECH	Article	Q1
38	Kasturirangan Gopalakrishnan	Effect of Carbon-Fiber Properties on Volumetrics and Ohmic Heating of Electrically Conductive Asphalt Concrete	Journal of Materials in Civil Engineering	2019	3.27	CIVIL	Article	Q1
39	Ranjit Thapa	First-principles Identification of The Origin for Higher Activity of Surface Doped Carbon Nanohorn: Impact on Hydrogen Storage	International Journal of Hydrogen Energy	2019	5.82	PHY	Article	Q1

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40	Karthik Rajendran	Are electrofuels a sustainable transport fuel? Analysis of the effect of controls on carbon, curtailment, and cost of hydrogen	Applied Energy	2019	9.75	EVSE	Article	Q1
41	Kasturirangan Gopalakrishnan	Polyurethane-carbon microfiber composite coating for electrical heating of concrete pavement surfaces	Heliyon	2019	1.65	CIVIL	Article	Q1
42	Fouzul Atik	Resistance matrices of graphs with matrix weights	Linear Algebra and Its Applications	2019	1.40	MATHS	Article	Q1
43	Karthik Rajendran	Techno-economic and life cycle assessments of anaerobic digestion – A review	Biocatalysis and Agricultural Biotechnology	2019	2.14	EVSE	Article	Q1
44	Timoshin, S.A.	Optimal control problems with states of bounded variation and hysteresis	Journal of Global Optimization	2019	2.21	MATHS	Article	Q1
45	Jayaseelan Murugaiyan	Concurrent Proteomic Fingerprinting and Molecular Analysis of Cyathostomins	Proteomics	2019	3.98	BIO	Article	Q1
46	Jatis Kumar Dash	Optical band gap, local work function and field emission properties of MBE grown beta-MoO <sub>3</sub> nanoribbons	APPLIED SURFACE SCIENCE	2019	6.71	PHY	Article	Q1
47	Tousif Khan N	Erratum to “Analysis and Experimental Investigation into a Finite Time Current Observer Based Adaptive Backstepping Control of Buck Converters” (Journal of the Franklin Institute (2018) 355(12) (4996–5017), (S0016003218303387), (10.1016/j.jfranklin.2018.05.026))	Journal of the Franklin Institute	2019	4.50	EEE	Article	Q1
48	Nimai Mishra	Broadband Defects Emission and Enhanced Ligand Raman Scattering in OD Cs <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> Colloidal Nanocrystals	Advanced Functional Materials	2019	18.81	CHE	Article	Q1
49	Panchagnula Jayaprakash Sharma	A new approach for attaining uniform properties in build direction in additive	Journal of Manufacturing Processes	2019	5.01	MECH	Article	Q1

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		manufactured components through coupled thermal-hardness model						
50	Ranjit Thapa, Anil K Suresh	Core-composite mediated separation of diverse nanoparticles to purity	Soft Matter	2019	3.68	BIO/PHY	Article	Q1
51	Swaminathan, S.	Are there social returns to education in developing countries? Evidence from Indonesia	Economic Development and Cultural Change	2019	1.74	ECO	Article	Q1
52	Mahesh Kumar Ravva	Charge and Triplet Exciton Generation in Neat PC<inf>70</inf>BM Films and Hybrid CuSCN:PC<inf>70</inf>BM Solar Cells	Advanced Energy Materials	2019	29.37	CHE	Article	Q1
53	Subabrata Sen	Indole based antimalarial compounds targeting the melatonin pathway: Their design, synthesis and biological evaluation	European Journal of Medicinal Chemistry	2019	6.51	CHE	Article	Q1
54	Jatis Kumar Dash	Ile-Lys-Val-ala-Val (IKVAV) peptide for neuronal tissue engineering	Polymers for Advanced Technologies	2019	3.67	PHY	Article	Q1
55	Mannathan S	A Zn based metal organic framework as a heterogeneous catalyst for C-C bond formation reactions	New Journal of Chemistry	2019	3.59	CHE	Article	Q1
56	Mannathan S	Potassium tert-Butoxide Mediated Aerobic Hydroxylation of Arylboronic Acids to Phenols: An Application towards the Synthesis of (E)-Phenoxy Acrylates	New Journal of Chemistry	2019	3.59	CHE	Article	Q1
57	Mahesh Kumar Ravva	The synthesis and properties of a new class of $\pi$ -expanded diketopyrrolopyrrole analogs and conjugated polymers	Organic Chemistry Frontiers	2019	6.57	CHE	Article	Q1
58	Mahesh Kumar Ravva	Effect of Conjugated Length on the Properties of Fused Perylene Diimides with variable Isoindigos	Journal of Materials Chemistry C	2019	7.39	CHE	Article	Q1

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59	Jatis Kumar Dash	Van der Waals epitaxial growth of single crystal $\alpha$ -MoO <sub>3</sub> layers on layered materials growth templates	2D Materials	2019	7.14	PHY	Article	Q1
60	Rao C.D.	Exploring rotavirus proteome to identify potential B- and T-cell epitope using computational immunoinformatics	Heliyon	2020	3.77	BIO	Article	Q1
61	Rao, C.D.	Enteroviruses in gastrointestinal diseases.	Reviews in Medical Virology.	2020	11.04	BIO	Article	Q1
62	Nimai Mishra	Surface Passivation Strategies for Improving Photoluminescence and Stability of Cesium Lead Halide Perovskite Nanocrystals	ChemNanoMat	2020	3.82	CHE	Article	Q1
63	Ajitha, S.,	Exploring the Growth of COVID-19 Cases using Exponential Modelling Across 42 Countries and Predicting Signs of Early Containment using Machine Learning	Transboundary and Emerging Diseases	2020	4.52	BBA	Article	Q1
64	Jayaseelan Murugaiyan	Combined Methylome, Transcriptome and Proteome Analyses Document Rapid Acclimatization of a Bacterium to Environmental Changes	Frontiers in Microbiology	2020	6.06	BIO	Article	Q1
65	Karthik Rajendran	Renewable biohydrogen production from lignocellulosic biomass using fermentation and integration of systems with other energy generation technologies	Science of the Total Environment	2020	10.75	EVSE	Article	Q1
66	G S VinodKumar	Foaming Magnesium alloy and composite using MgCO <sub>3</sub> blowing agent	Metallurgical and Materials Transaction	2020	2.47	MECH	Article	Q1
67	Ranjit Thapa	Energy Parameter and Electronic Descriptor for Carbon Based Catalyst Predicted using QM/ML	Applied Catalysis B: Environmental	2020	19.50	PHY	Article	Q1
68	Sheela Singh	Thermal stability and thermal expansion behavior of FeCoCrNi <sub>2</sub> Al high entropy alloy	Advanced Powder Technology	2020	4.96	MECH	Article	Q1

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69	Karthik Rajendran	A state of the review on the cultivation of algae for energy and other valuable products: Application, challenges and opportunities	Renewable and Sustainable Energy Reviews	2020	14.98	EVSE	Article	Q1
70	Ranjit Thapa	Promoting reactivity of graphene based catalysts to achieve LH mechanism for CO oxidation	Catalysis Today	2020	6.56	PHY	Article	Q1
71	Ramesh Vaddi	Hardware Security exploiting post-CMOS Devices: Fundamental device characteristics, State-of-the-Art Countermeasures, Challenges and Roadmap	IEEE Circuits and Systems Magazine	2020	4.04	ECE	Article	Q1
72	Diwakar Tripathi	Evolutionary Extreme Learning Machine with Novel Activation Function for Credit Scoring	Engineering Application of Artificial Intelligence	2020	6.21	CSE	Article	Q1
73	Mallikarjuna Rao Motapothula	Observation of interacting polaronic gas behavior in Ta-doped TiO <sub>2</sub> thin films via terahertz time-domain spectroscopy	Applied Physics Letters	2020	3.79	PHY	Article	Q1
74	Shubh Lakshmi	Coordinated Operational Optimization Approach for PV Inverters and BESSs to Minimize Energy Loss of Distribution Networks	IEEE Systems	2020	4.80	EEE	Article	Q1
75	Jatindra Kumar Dash	Content-based image retrieval system for HRCT lung images: Assisting radiologists in self-learning and diagnosis of Interstitial Lung Diseases	Multimedia Tools and Applications	2020	2.57	CSE	Article	Q1
76	Mahesh Kumar Ravva	Novel and Asymmetric S, N-Heterocycles with Fused Six-membered Rings for Organic Field Effect Transistors Application	JMCC	2020	7.06	CHE	Article	Q1
77	Lakhveer Singh	Remediation strategies for mitigation of phthalate pollution: Challenges and future perspectives	Journal of Hazardous Materials	2020	14.22	EVSE	Article	Q1



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78	Goutam Kumar Dalapati, Ranjit Thapa	Cu <sub>2</sub> O/CuO heterojunction catalysts through atmospheric pressure plasma induced defect passivation	Applied Surface Science	2020	7.39	PHY	Article	Q1
79	Sutharsan Govindarajan	Tyrosine phosphorylation-dependent localization of a novel polar protein that controls activity of a sugar regulator by sequestration	Proceedings of National Academy of Sciences	2020	9.40	BIO	Article	Q1
80	Ranjit Thapa	Dendritic Ferroselite (FeSe <sub>2</sub> ) with 2D Carbon Based Nanosheets of rGO and g-C <sub>3</sub> N <sub>4</sub> as Efficient Catalysts for Electrochemical Hydrogen Evolution	ACS Applied Energy Materials	2020	6.95	PHY	Article	Q1
81	Jayaseelan Murugaiyan	Selection for resistance to a glyphosate-containing herbicide in Salmonella enterica does not result in a sustained activation of the tolerance response or increased cross-tolerance and cross-resistance to clinically important antibiotics	Applied and Environmental Microbiology	2020	5.00	BIO	Article	Q1
82	Karthik Rajendran	Techno-Economic Analysis of Bioethanol Plant By-Product Valorization: Exploring Market Opportunities with Protein-Rich Fungal Biomass Production	Fermentation	2020	3.98	EVSE	Article	Q1
83	Ranjit Thapa	2D/3D Heterostructure of h-BN/reduced Graphite Oxide as a Remarkable Electrode Material for Supercapacitor	Journal of Power Sources	2020	9.79	PHY	Article	Q1
84	Goutam Kumar Dalapati	Mixed-Phase TiO <sub>2</sub> Nanotube-Nanorod Hybrid Arrays for Memory Based Resistive Switching Devices	ACS Applied Nano Materials	2020	6.14	PHY	Article	Q1
85	Soumyajyoti Biswas	Failure processes of cemented granular materials	Phys. Rev. E	2020	2.53	PHY	Article	Q1

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86	Vadivel, A	Interval Graph of Facial Regions with Common Intersection Salient Points for Identifying and Classifying Facial Expression	Multimedia Tools and Applications	2020	2.57	CSE	Article	Q1
87	Sambit Kumar Mishra	Energy-Aware Task Allocation for Multi-Cloud Networks	IEEE ACCESS	2020	3.47	CSE	Article	Q1
88	Nimai Mishra	Completely Amine-free Open Atmospheric Synthesis of High-Quality Cesium Lead Bromide (CsPbBr <sub>3</sub> ) Perovskite Nanocrystals	Chemistry-A European Journal	2020	5.24	CHE	Article	Q1
89	Karthik Rajendran	Production of advanced fuels through integration of biological, thermo-chemical and power to gas technologies in a circular cascading bio-based system	Renewable and Sustainable Energy Reviews	2020	14.98	EVSE	Article	Q1
90	Diwakar Tripathi	Binary BAT algorithm and RBFN based hybrid credit scoring model	Multimedia Tools and Applications	2020	2.57	CSE	Article	Q1
91	Ranjit Thapa	Synergetic effect of localized and delocalized $\pi$ electron on Li storage properties of Si/C heterostructures	Carbon	2020	11.30	PHY	Article	Q1
92	C Durga Rao	Enteroviruses in gastrointestinal diseases	Reviews in Medical Virology	2020	11.04	BIO	Article	Q1
93	Karthik Rajendran	Recent developments and strategies in genome engineering and integrated fermentation approaches for biobutanol production from microalgae	Fuel	2020	8.03	EVSE	Article	Q1
94	Karthik Rajendran	Mechanism and challenges behind algae as a wastewater treatment choice for bioenergy production and beyond	Fuel	2020	8.03	EVSE	Article	Q1
95	Mahesh Kumar Ravva	A Novel Mitigation Mechanism for Photo-Induced Trapping in an Anthradithiophene Derivative Using Additives	Adv. Electron. Mater.	2020	7.30	CHE	Article	Q1
96	Imran Pancha	Physiological responses of the green microalga <i>Acutodesmus dimorphus</i> to	Physiologia Plantarum	2020	5.08	BIO	Article	Q1

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		temperature induced oxidative stress conditions						
97	Manikandan, V. M.	A novel image scaling based reversible watermarking scheme for secure medical image transmission	ISA Transactions	2020	5.91	CSE	Article	Q1
98	Mannathan S	Zinc-Catalyzed N-Alkylation of Aromatic Amines with Alcohols: A Ligand Free Approach	Advanced Synthesis & Catalysis	2020	5.98	CHE	Article	Q1
99	Jatindra Kumar Dash	A Genetic Algorithm for Energy Efficient Fog Layer Resource Management in Context-Aware Smart Cities	Sustainable Cities and Society	2020	10.69	CSE	Article	Q1
100	Soumyajyoti Biswas	Prediction of creep failure time using machine learning	Scientific Reports	2020	4.99	PHY	Article	Q1
101	Mahesh Kumar Ravva	Effect of Halogenated Substituent on the Properties of Aza-Octacenes	Organic Electronics	2020	3.72	CHE	Article	Q1
102	Goutam Kumar Dalapati	Solution Processed Pure Sulfide CZCTS Solar Cells with Efficiency 10.8% using Ultra-thin CuO Intermediate Layer	Solar RRL	2020	8.58	PHY	Article	Q1
103	Sheela Singh	Tribo-Mechanical Properties of HVOF Sprayed NiMoAl-Cr 2 AlC Composite Coatings	Journal of Thermal Spray Technology,	2020	2.76	MECH	Article	Q1
104	Om Jee Pandey	Time Synchronized Node Localization Using Optimal H-Node Allocation in a Small World WSN	IEEE Communications Letters	2020	3.44	ECE	Article	Q1
105	Om Jee Pandey	Multiuser Full-Duplex IoT Networks with Wireless-Powered Relaying: Performance Analysis and Energy Efficiency Optimization	IEEE Transactions on Green Communications and Networking	2020	0.00	ECE	Article	Q1
106	Soumyajyoti Biswas	Long route to consensus: Two stage coarsening in binary choice voting model	Phys. Rev. E	2020	2.53	PHY	Article	Q1

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107	Laxmi Narayana Patro	Evaluation of Band Edge Parameters, Li Ion Dynamics and Excellent Electrochemical Properties of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Anode Thin Films	Electrochimica Acta.	2020	6.90	PHY	Article	Q1
108	Soumyajyoti Biswas	Flory-like statistics of fracture in the fiber bundle model as obtained via Kolmogorov dispersion for turbulence: A conjecture	Phys. Rev. E	2020	2.53	PHY	Article	Q1
109	Narayanswamy, S	Hybrid analytical/numerical modeling of nanosecond laser-induced micro-jets generated by liquid confining devices	Journal of Fluids and Structures	2020	2.92	MECH	Article	Q1
110	Sheela Singh	Tribological behavior of NiMoAl based self lubricating composites	ACS Omega	2020	3.51	MECH	Article	Q1
111	Ranjit Thapa	Defects Engineered MoO <sub>2</sub> Nanostructures as an Efficient Electrocatalyst for Oxygen Evolution Reaction	ACS Applied Energy Materials	2020	6.02	PHY	Article	Q1
112	Mahesh Kumar Ravva	Blue LED Mediated Intramolecular C–H Functionalization and Cyclopropanation of Tryptamines: Synthesis of Azepino[4, 5-b]indoles and Natural Product Inspired Polycyclic Indoles	Organic Letters	2020	6.01	CHE	Article	Q1
113	Pardha Saradhi Maram	Systematic Water Uptake Energetics of Yttrium-doped Barium Zirconate-A High Resolution Thermochemical Study	J. Phys. Chem. C	2020	4.13	CHE	Article	Q1
114	Anirban Ghosh	Time Variance of a 60 GHz Vehicular Infrastructure - to - Infrastructure Channel	Vehicular Communications	2020	6.91	ECE	Article	Q1
115	Sambit Kumar Mishra	Autonomic cloud resource provisioning and scheduling using meta-heuristic algorithm	Neural Comput & Applic	2020	5.61	CSE	Article	Q1
116	Tripathy,S.	Emerging trend set by a Start-ups on Indian Online Education System: A case of BYJU'S	Journal of Public Affairs	2020	0.86	BBA	Article	Q1

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117	Imran Pancha	Microalgal Target of Rapamycin (TOR): A Central Regulatory Hub for Growth, Stress Response and Biomass Production	Plant and Cell Physiology	2020	4.93	BIO	Article	Q1
118	Siddhartha Ghosh	Direct Growth of Wafer-Scale, Transparent, p-Type Reduced-Graphene-Oxide-like Thin Films by Pulsed Laser Deposition	ACS Nano	2020	15.88	PHY	Article	Q1
119	Rajini Mujral	'Use of stories that aren't even true': reading Salman Rushdie's Haroun and the Sea of Stories and Luka and the Fire of Life	Textual Practice	2020	0.00	LITERATURE AND LANGUAGES	Article	Q1
120	Ranjit Thapa	Stress Induced Electronic Structure Modulation of Mnincorporated, Ni <sub>2</sub> P Leading to Enhanced Activity for Water-Splitting	ACS Applied Energy Materials	2020	6.02	PHY	Article	Q1
121	Gitanjali Sen	Quota-Based Affirmative Action in Higher Education: Impact on Other Backward Classes in India	The Journal of Development Studies	2020	2.21	ECO	Article	Q1
122	Ranjit Thapa	Microporous Network of NiMn <sub>2</sub> O <sub>4</sub> as Potent Cathode Materials for Electric Field Emission	Journal of Physics D: Applied Physics	2020	3.21	PHY	Article	Q1
123	Jayaseelan Murugaiyan	Isolate Specific Cold Response of Yersinia enterocolitica in Transcriptional, Proteomic, and Membrane Physiological Changes	Frontiers in Microbiology	2020	5.64	BIO	Article	Q1
124	Mannathan S	Palladium/Copper-Catalyzed Denitrogenative Alkylidenation and ortho-Alkynylation Reaction of 1,2,3-Benzotriazin-4(3 H)-ones	Organic Letters	2020	6.01	CHE	Article	Q1
125	Narayanswamy, S	Drop-on-demand cell bioprinting via Laser Induced Side Transfer (LIST)	Scientific Reports	2020	4.38	MECH	Article	Q1

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126	Sabyasachi Chakraborty	Somatostatin receptor mediated targeting of acute myeloid leukemia by photodynamic metal complexes for light induced apoptosis	Scientific Reports	2020	4.38	CHE	Article	Q1
127	Ranjit Thapa	CO Oxidation on Pt based Binary and Ternary Alloy Nanocatalysts: Reaction Pathways and Electronic Descriptor	Applied Surface Science	2020	6.71	PHY	Article	Q1
128	Lakhveer Singh	A comprehensive review on contaminants removal from pharmaceutical wastewater by electrocoagulation process	Science of the Total Environment	2020	7.96	EVSE	Article	Q1
129	Lakhveer Singh	Breaking the loop: Tackling homoacetogenesis by chloroform to halt hydrogen production-consumption loop in single chamber microbial electrolysis cells	Chemical Engineering Journal	2020	13.27	EVSE	Article	Q1
130	Sutharsan Govindarajan	Bacterial alginate regulators and phage homologs repress CRISPR–Cas immunity	Nature Microbiology	2020	17.75	BIO	Article	Q1
131	Sheela Singh	Influence of solid lubricants addition on the tribological properties of HVOF sprayed NiMoAl coating from 30 °C to 400 °C	Materials Letters	2020	3.42	MECH	Article	Q1
132	Sayantan Mandal	Monotonicity of the system function of a SISO FRI system with neutrality and ordering property preserving fuzzy implications	International Journal of Approximate Reasoning	2020	3.82	MATHS	Article	Q1
133	Lakhveer Singh	Bioelectrofuel Synthesis by Nanoenzymes: Novel Alternatives to Conventional Enzymes	Trends in Biotechnology	2020	19.54	EVSE	Article	Q1
134	Satish Anamalamudi	Cognitive AODV routing protocol with novel channel-route failure detection	Multimedia Tools and Applications	2020	2.76	CSE	Article	Q1
135	Sabyasachi Mukhopadhyay	Solid-state protein charge transport: cross-laboratory study shows preservation of transport mechanism, with electronic coupling dictating efficiency	iScience	2020	5.46	PHY	Article	Q1

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136	Jayaseelan Murugaiyan	Treatment of Yersinia similis with the cationic lipid DOTAP enhances adhesion to and invasion into intestinal epithelial cells - A proof-of-principle study.	Biochem Biophys Res Commun	2020	2.99	BIO	Article	Q1
137	Sujith Kalluri	Building High-Rate Nickel-Rich Cathodes by Self-Organization of Structurally Stable Macrovoid	Advanced Science	2020	16.81	ECE	Article	Q1
138	Ranjit Thapa	B <sub>2</sub> H <sub>6</sub> splitting on catalytic surfaces and role of BH <sub>3</sub> towards hydrogen spillover	Journal of Power Sources	2020	9.13	PHY	Article	Q1
139	Sandeep Singh Sengar	Moving object detection using statistical background subtraction in wavelet compressed domain	Multimedia Tools and Applications	2020	2.76	CSE	Article	Q1
140	Mallikarjuna Rao Motapothula	Tailoring magnetic order via atomically stacking 3 d /5 d electrons to achieve high-performance spintronic devices	Applied Physics Reviews	2020	19.16	PHY	Article	Q1
141	Lakhveer Singh	Co-digestion of palm oil mill effluent for enhanced biogas production in a solar assisted bioreactor: Supplementation with ammonium bicarbonate	Science of the Total Environment	2020	7.96	EVSE	Article	Q1
142	Karthikeyan Elumalai	An Intelligent Energy Efficient Cooperative MIMO-AF Multi-hop and Relay based Communications for Unmanned Aerial Vehicles (UAVs) Networks	Computer Communications	2020	3.17	ECE	Article	Q1
143	G S VinodKumar	Metallurgical processes for hardening of 22Karat Gold for lightweight and high strength jewelry manufacturing	Journal of Materials Research & Technology	2020	5.04	MECH	Article	Q1
144	G S VinodKumar	Foam stabilization by aluminum powder	Materials Letters	2020	3.42	MECH	Article	Q1
145	Karthik Rajendran	An overview on bioethanol production from lignocellulosic feedstocks	Chemosphere	2020	7.09	EVSE	Article	Q1

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146	C Durga Rao	Understanding the penetrance of intrinsic protein disorder in rotavirus proteome	International Journal of Biological Macromolecules	2020	6.95	BIO	Article	Q1
147	Sutharsan Govindarajan	A bacteriophage nucleus-like compartment shields DNA from CRISPR nucleases	Nature	2020	49.96	BIO	Article	Q1
148	Swaminathan, S.	TRENDS IN MORTALITY AMONG INCIDENT PATIENTS WITH END-STAGE RENAL DISEASE IN PUERTO RICO COMPARED TO THE US, 2006 - 2015	American Journal of Kidney Diseases	2020	8.86	ECO	Article	Q1
149	Sateeshkrishna Dhuli	Convergence Rate Analysis of Periodic Gossip Algorithms for One-Dimensional Lattice WSNs	IEEE Sensors Journal	2020	3.30	ECE	Article	Q1
150	Om Jee Pandey	Secrecy Performance Analysis of Two-Way Relay Non-Orthogonal Multiple Access Systems	IEEE Access	2020	3.37	ECE	Article	Q1
151	Mahesh Kumar Ravva	Metal-Free Polymerization: Synthesis and Properties of Fused Benzo[1,2- <i>b</i> :4,5- <i>b'</i> ]Bis[ <i>b</i> ]Benzothiophene (BBBT) Polymers	Polym. Chem	2020	5.58	CHE	Article	Q1
152	Goutam Kumar Dalapati	Research presented at Symposium P of the 10th International Conference of Materials and Advanced Technology (ICMAT 2019)	Journal of Materials Chemistry A	2020	12.73	PHY	Article	Q1
153	Karthikeyan Elumalai	Stacking seismic data based on Ramanujan sums	IEEE Geoscience and Remote Sensing Letters	2020	3.97	ECE	Article	Q1
154	Ranjit Thapa	Role of van der Waals interaction to enhance the photon absorption capability of MoS <sub>2</sub> /2D heterostructure	Physical Chemistry Chemical Physics	2020	3.68	PHY	Article	Q1
155	Sivakumar Bitragunda	Metal-organic framework mediated expeditious synthesis of benzimidazole and benzothiazole derivatives through oxidative cyclization pathway	New Journal of Chemistry	2020	3.60	CHE	Article	Q1



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156	Om Jee Pandey	Fault-Resilient Distributed Detection and Estimation over a SW-WSN Using LCMV Beamforming	IEEE Transactions in Network and Service Management	2020	0.00	ECE	Article	Q1
157	Sudheer Kumar Battula	Scalable Real-time Dynamic Graph Partitioner	IEEE Transactions on Services Computing	2021	11.01	CSE	Article	Q1
158	Lakhveer Singh	Perovskite-Based Nanocomposite Electrocatalysts: An alternative to Platinum ORR Catalyst in Microbial Fuel Cell Cathodes	Energies	2021	3.25	EVSE	Article	Q1
159	Mahesh Kumar Ravva	A Novel Class of Rigid-rod Perylene Diimides and Isoindigo Semiconducting Polymers	Polymer Chemistry	2021	5.36	CHE	Article	Q1
160	Pranab Mandal	Complex Structural Disorder in a Polar Orthorhombic Perovskite Observed through the Maximum Entropy Method/Rietveld Technique	Chemistry of Materials	2021	10.50	PHY	Article	Q1
161	Sheela Singh	ENHANCED MAGNETIZATION WITH INCREASED CHROMIUM CONCENTRATION IN FeCoCr <sub>x</sub> Ni <sub>2</sub> Al HIGH-ENTROPY ALLOY	Materials Science and Technology	2021	2.06	MECH	Article	Q1
162	Lakhveer Singh	Leveraging artificial intelligence in bioelectrochemical systems	Trends in Biotechnology Journal	2021	21.94	EVSE	Article	Q1
163	Nimai Mishra	Study of Shell Thickness Dependent Charge Transfer Dynamics in Green Emitting Core/Shell Giant Quantum Dots	Inorganic Chemistry	2021	5.43	CHE	Article	Q1
164	Shoji D Thottathil	The role of methanotrophy in the microbial carbon metabolism of temperate lakes	Nature Communications	2021	17.69	EVSE	Article	Q1
165	Ranjit Thapa	First-principles identification of interface effect on Li storage capacity of C <sub>3</sub> N/Graphene multilayer heterostructure	Journal of Colloid and Interface Science	2021	9.96	PHY	Article	Q1
166	Priyanka S	AdaBoostWithCost: A Cost-sensitive Classification for Customer Churn Prediction	Computational Intelligence and Neuroscience	2021	3.12	CSE	Article	Q1

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167	Jatis Kumar Dash	Carbon-based quantum dots for photovoltaic devices	ACS Applied Electronic Materials	2021	4.49	PHY	Article	Q1
168	Ranjit Thapa	Improved Oxygen Redox Activity by High-valent Fe and Co <sup>3+</sup> Sites in Perovskite LaNi <sub>1-x</sub> Fe <sub>0.5x</sub> Co <sub>0.5x</sub> O <sub>3</sub>	ACS Applied Energy Materials	2021	6.95	PHY	Article	Q1
169	Ranjit Thapa	Ag nanoparticles immobilized over highly porous crystalline organosilica for epoxidation of styrene using CO <sub>2</sub> as oxidant	Journal of CO <sub>2</sub> Utilization	2021	8.32	PHY	Article	Q1
170	Karthik Rajendran	An untapped and under-tapped resource for nutrient recovery towards attaining a sustainable circular economy	Chemosphere	2021	8.94	EVSE	Article	Q1
171	Ranjit Thapa	Nanoribbons of 2D inorganic materials: A review on emerging trends, recent developments and future perspectives	Coordination Chemistry Reviews	2021	24.83	PHY	Article	Q1
172	Lakhveer Singh	Engineered Nanoenzymes with Multifunctional Properties for Next-Generation Biological and Environmental Applications	Advanced Functional Materials	2021	19.92	EVSE	Article	Q1
173	Soumyajyoti Biswas	Opinion dynamics: Public and private	Philosophical Transactions of the Royal Society A	2021	4.01	PHY	Article	Q1
174	Raja Pandian	Promise of nano-carbon to the next generation sustainable agriculture	Carbon	2021	11.30	CHE	Article	Q1
175	Lakhveer Singh	Treatment of palm oil mill effluent using electrocoagulation powered by direct photovoltaic solar system	Chemical Engineering Research and Design Journal	2021	3.75	EVSE	Article	Q1
176	Karthik Rajendran	Latest trends and developments in microalgae as potential source for biofuels: The case of diatoms	Fuel	2021	8.03	EVSE	Article	Q1
177	Kshira Sagar Sahoo	Demand-Supply Based Economic Model for Resource Provisioning in Industrial IoT Traffic	IEEE Internet of Things Journal	2021	10.23	CSE	Article	Q1

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178	Anil K Suresh	Nanomagnet-facilitated pharmaco-compatibility for cancer diagnostics: Underlying risks and the emergence of ultrasmall nanomagnets	Journal of Pharmaceutical Analysis	2021	14.02	BIO	Article	Q1
179	Soumyajyoti Biswas	Correlation between avalanches and emitted energies during fracture with variable stress release range	Frontiers in Physics	2021	3.71	PHY	Article	Q1
180	Lakhveer Singh	"Progressions in cathodic catalysts for oxygen reduction and hydrogen evolution in bioelectrochemical systems: Molybdenum as the next-generation catalyst	Catalysis Reviews	2021	20.55	EVSE	Article	Q1
181	Suresh, A.K.,	Nanomagnet properties facilitated pharmaco-compatibility for cancer diagnostics, underlying risks and the emergence of ultra-small nanomagnets.	J of Pharmaceutical Analysis	2021	14.02	BIO	Article	Q1
182	Suresh, A.K.,	Derivation of sustainable transparent biotemplate from fish scale waste for ultra-low volume high-sensitive UV-Vis spectroscopy.	Green Chemistry	2021	11.03	BIO	Article	Q1
183	Murugaiyan, J.,	The potential impact of the COVID-19 pandemic on global antimicrobial and biocide resistance: An AMR Insights' global perspective.	JAC-Antimicrobial Resistance.,	2021	0.00	BIO	Article	Q1
184	Govindarajan, S.,	Tyrosine phosphorylation-dependent localization of TmaR that controls activity of a major bacterial sugar regulator by polar sequestration.	Proceedings of the National Academy of Sciences	2021	0.00	BIO	Article	Q1
185	Karthik Rajendran	Impact of light on microalgal photosynthetic microbial fuel cells and removal of pollutants by nanoadsorbent biopolymers: Updates, challenges and innovations	Chemosphere	2021	8.94	EVSE	Article	Q1

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186	Sudhakar Tummala	Fully Automated Quality Control of Rigid and Affine Registrations of T1w and T2w MRI in Big Data using Machine Learning	Computers in Biology and Medicine	2021	6.69	ECE	Article	Q1
187	Ranjit Thapa	Understanding the role of lithium bonds in doped graphene nanoribbons as cathode hosts for Li-S batteries: A first-principles study	International Journal of Energy Research	2021	4.67	PHY	Article	Q1
188	Ranjit Thapa	Design Principle of MoS <sub>2</sub> /C Heterostructure to Enhance the Quantum Capacitance for Supercapacitor Application	Journal of Energy Storage	2021	8.90	PHY	Article	Q1
189	Priyanka S	An Ensemble Approach to Meta-heuristic Algorithms: Comparative Analysis and its Applications	Computers & Industrial Engineering	2021	7.18	CSE	Article	Q1
190	Ranjit Thapa	Origin of pure and C doped borophene stability and its activity for OER	Applied Surface Science	2021	7.39	PHY	Article	Q1
191	Sateeshkrishna Dhuli	Network Robustness Analysis for IoT Networks using Regular Graphs	IEEE Internet of Things'	2021	10.23	ECE	Article	Q1
192	Om Jee Pandey	Robust Hand Gestures Recognition using a Deep CNN and Thermal Images	IEEE Sensors Journal	2021	4.32	ECE	Article	Q1
193	Goutam Kumar Dalapati, Sabyasachi Chakraborty, Sabyasachi Mukhopadhyay	Copper based Transparent Solar Heat Rejecting Film on Glass through in-situ Nanocrystal Engineering of Sputtered TiO <sub>2</sub>	Ceramic International	2021	4.50	PHY/CHE	Article	Q1
194	Soumyajyoti Biswas	Social inequality analysis of fiber bundle model statistics and prediction of materials failure	Physical Review E	2021	2.70	PHY	Article	Q1

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195	Nimai Mishra	Shell Thickness Dependent Photostability Studies of Green-Emitting "Giant" Quantum Dots	Nanoscale Advances	2021	4.55	CHE	Article	Q1
196	Kshira Sagar Sahoo	TBDDoSA-MD: Trust-Based DDoS Misbehavior Detection Approach in Software-defined Vehicular Network (SDVN)	Computers, Materials and Continua	2021	3.77	CSE	Article	Q1
197	Ranjit Thapa	Metal-Free Triazine based Covalent Organic Framework for Efficient H <sub>2</sub> Evolution via Electrochemical Water-Splitting	ChemSusChem	2021	9.14	PHY	Article	Q1
198	Karthik Rajendran	Comparative study of pyrolysis and hydrothermal liquefaction of microalgal species: Analysis of product yields with reaction temperature	Fuel	2021	8.03	EVSE	Article	Q1
199	Om Jee Pandey	Improving Energy Efficiency and QoS of LPWANs for IoT Using Q-Learning Based Data Routing	IEEE Transactions on Cognitive Communications and Networking	2021	4.34	ECE	Article	Q1
200	Satish Anamalamudi	Spectrum Handoff Aware AODV Routing Protocol for Cognitive Radio Vehicular Ad Hoc Networks	Complexity Journal	2021	2.83	CSE	Article	Q1
201	Ashok Kumar Pradhan, Kshira Sagar Sahoo	An Effective Probabilistic Technique for DDoS Detection in OpenFlow Controller	IEEE System Journal	2021	3.39	CSE	Article	Q1
202	Hiren Kumar Thakkar	A Comprehensive Review on Seismocardiogram: Current Advancements on Acquisition, Annotation, and Applications	Mathematics	2021	2.26	CSE	Article	Q1
203	Chinmaya Kumar Swain	Reliability Ensured Efficient Scheduling With Replication in Cloud Environment	IEEE System Journal	2021	3.39	CSE	Article	Q1
204	Nimai Mishra	Surface-State-Mediated Interfacial Hole Transfer Dynamics Between CsPbBr <sub>3</sub> Perovskite Nanocrystals and Phenothiazine Redox Couple	The Journal of Physical Chemistry-C	2021	4.19	CHE	Article	Q1

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205	Jayaseelan Murugaiyan	Identification of promising genotypes through systematic evaluation for arsenic tolerance and exclusion in rice	Frontiers in Plant Science	2021	6.62	BIO	Article	Q1
206	Mallikarjuna Rao Motapothula, Anil K Suresh	Sustainable transparent biotemplate from fish scale waste for ultra-low volume high-sensitive UV-Vis spectroscopy	Green Chemistry	2021	11.03	BIO/PHY	Article	Q1
207	Imran Uddin	Room temperature chemical synthesis of Bi <sub>2</sub> O <sub>3</sub> nanoparticles	Micro & Nano Letters	2021	0.98	BIO	Article	Q1
208	Imran Uddin	Onsite visual detection of heavy metal contaminants using impregnated strip	Journal of Photochemistry Photobiology A: Chem	2021	4.29	BIO	Article	Q1
209	Manjula Raja	Protecting Source Location Privacy in IoT Enabled Wireless Sensor Networks : the case of Multiple Assets	IEEE Internet of Things Journal	2021	10.23	CSE	Article	Q1
210	Hiren Kumar Thakkar	CARE: A Collision-Aware Mobile Robot Navigation in Grid Environment using Improved Breadth First Search	Computers and Electrical Engineering	2021	3.82	CSE	Article	Q1
211	Kshira Sagar Sahoo	SDCF: A Software-Defined Cyber Foraging Framework for Cloudlet Environment	IEEE Transactions on Network and Service Management (TNSM)	2021	4.75	CSE	Article	Q1
212	Lakhveer Singh	Recent Advances on MXene's based Electrocatalysts towards Oxygen Reduction Reaction: A Focused Review	Advanced Materials Interfaces	2021	6.38	EVSE	Article	Q1
213	Goutam Kumar Dalapati	Interfacial interaction of plasmonic nanoparticles (Ag, Au) decorated floweret TiO <sub>2</sub> nanorod hybrids for enhanced visible light driven photocatalytic activity	Materials Science & Engineering B	2021	4.05	PHY	Article	Q1
214	Goutam Kumar Dalapati, Jatindra Kumar Dash, Sabyasachi Chakraborty	Efficient Plastic Recycling and Remold Circular Economy using the Technology of Trust – Blockchain	Sustainability	2021	3.88	PHY/CSE/CH	Article	Q1

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215	Karthikeyan Elumalai	Study of parameters in dictionary learning method for seismic denoising	IEEE Transactions on Geoscience and Remote Sensing journal	2021	8.12	ECE	Article	Q1
216	Mannathan S, Mahesh Kumar Ravva	Synthesis of Ortho-Arylated and Alkenylated Benzamides by Palladium-Catalyzed Denitrogenative Cross-Coupling Reactions of 1,2,3-Benzotriazin-4(3H)-Ones with Organoboronic Acids	New Journal of Chemistry	2021	3.92	CHE	Article	Q1
217	J P Raja Pandiyan	Advances of surface-enhanced Raman and IR spectroscopies: from nano/microstructures to macro-optical design	Light: Science & Applications	2021	17.78	CHE	Article	Q1
218	Ranjit Thapa	Nitrogen doping derived bridging of Graphene and Carbon Nanotube composite for oxygen electroreduction	International Journal of Energy Research	2021	4.67	PHY	Article	Q1
219	Lakhveer Singh	Robust visible light active PANI/LaFeO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> ternary heterojunction for the photo-degradation and mineralization of pharmaceutical effluent: Clozapine	Journal of Environmental Chemical Engineering	2021	7.96	EVSE	Article	Q1
220	Nimai Mishra	Enhancement of Photoluminescence and Stability of CsPbX <sub>3</sub> (X= Cl, Br, and I) Perovskite Nanocrystals with Phthalimide Passivation	Nanoscale	2021	8.30	CHE	Article	Q1
221	Hiren Kumar Thakur	CARE: A Collision-Aware Mobile Robot Navigation in Grid Environment using Improved Breadth First Search	Computers and Electrical Engineering	2021	3.18	CSE	Article	Q1
222	Rajiv Senapati	LTE-advanced cell capacity estimation model and algorithm for voice service	J Ambient Intell Human Comput	2021	7.10	CSE	Article	Q1
223	Karthik Rajendran	Insights into diatom microalgal farming for treatment of wastewater and pretreatment	Environmental Research	2021	8.43	EVSE	Article	Q1

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		of algal cells by ultrasonication for value creation						
224	Mahesh Kumar Ravva	Theoretical Study on Understanding the Effects of Core Structure and Energy Level Tuning on Efficiency of Nonfullerene Acceptors in Organic Solar Cells	Advacned Theory and Simulations	2021	4.00	CHE	Article	Q1
225	Nimai Mishra	Bromopropane as a Novel Bromine Precursor for the Completely Amine Free Colloidal Synthesis of Ultra-Stable and Highly Luminescent Green-Emitting Cesium Lead Bromide (CsPbBr <sub>3</sub> ) Perovskite Nanocrystals	Nanoscale	2021	8.30	CHE	Article	Q1
226	Siddhartha Ghosh, Sabyasachi Mukh opadhyay, Sabyasachi Chakraborty, Goutam Kumar Dalapati	Tin Oxide for Optoelectronics, Photovoltaic and Energy Storage Devices - A Review	Journal of Materials Chemistry A	2021	14.51	PHY/CHE	Article	Q1
227	Satya Pramod Jammy	OpenSBLI-Automatic code generation for heterogeneous computer architectures applied to CFD	Computer physics communication	2021	4.71	MECH	Article	Q1
228	Kshira Sagar Sahoo	IoT-IIRS: Internet of Things based intelligent-irrigation recommendation system using machine learning approach for efficient water usage	PeerJ computer Science	2021	3.04	CSE	Article	Q1
229	Sujith Kalluri	One-pot synthesis of MoS <sub>2</sub> nanoflowers for thermal energy storage applications	Materials Letters	2021	3.57	ECE	Article	Q1



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230	Laxmi Narayana Patro	Structural and Transport Properties of Mechanochemically Synthesized $\text{La}_{0.9}\text{Ba}_{0.1}\text{F}_{2.9}$ and $\text{La}_{0.9}\text{Ba}_{0.05}\text{Ca}_{0.05}\text{F}_{2.9}$	Materials Letters	2021	3.57	PHY	Article	Q1
231	Mahesh Kumar Ravva	Correction: Fused ambipolar aza-isoidindigos with NIR absorption	Org. Chem. Front.	2021	5.28	CHE	Article	Q1
232	Goutam Kumar Dalapati	Atmospheric pressure plasma engineered superhydrophilic CuO surfaces with enhanced catalytic activities	Applied Surface Science	2021	7.39	PHY	Article	Q1
233	Gangi Reddy Salla	Correlations in Scattered Perfect Optical Vortices	Journal of Optics	2021	2.07	PHY	Article	Q1
234	Imran Pancha	The Unicellular Red Alga <i>Cyanidioschyzon merolae</i> , an Excellent Model Organism for Elucidating Fundamental Molecular Mechanisms and Their Applications in Biofuel Production	Plants	2021	2.76	Bio	Article	Q1
235	Lakhveer Singh	Biochar for Environmental Sustainability in the Energy-Water-Agroecosystem Nexus	Renewable and Sustainable Energy Reviews	2021	2.22	EVSE	Article	Q1
236	Aparna Choudhary	Modeling the key factors influencing the reduction of food loss and waste in fresh produce supply chains	Journal of Environmental Management	2021	8.91	COMMERC E	Article	Q1
237	Hirenkumar Thakkar	A sustainable IoHT based computationally intelligent healthcare monitoring system for lung cancer risk detection	Sustainable Cities and Society	2021	10.69	CSE	Article	Q1
238	Laxmi Narayana Patro	Influence of Synthesis Methodology and Excess Na on the Ionic Transport Properties of Sodium Super Ionic Conductor, $\text{Na}_3\text{Zr}_2\text{Si}_2\text{PO}_{12}$	Materials Letters	2021	3.57	PHY	Article	Q1

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239	Ghanshyam Pandey	Benefits of Irrigation against heat stress in Agriculture: Evidence from wheat crop in India	Agricultural Water Management	2021	6.61	ECO	Article	Q1
240	Hiren Kumar Thakkar	REND: Resource and Network Aware Data Placement Algorithm for Periodic Workloads in Cloud	IEEE Transactions on Parallel and Distributed Systems	2021	3.75	CSE	Article	Q1
241	Laxmi Narayana Patro	Review on the Synthesis and Doping Strategies in Enhancing the Na Ion Conductivity of Na <sub>3</sub> Zr <sub>2</sub> Si <sub>2</sub> PO <sub>12</sub> (NASICON) Based Solid Electrolytes	Solid State Ionics	2021	3.69	PHY	Article	Q1
242	Ranjit Thapa	Controlled Loading of MoS <sub>2</sub> on Hierarchical Porous TiO <sub>2</sub> for Enhanced Photocatalytic Hydrogen Evolution	Journal of Physical Chemistry C	2021	4.17	PHY	Article	Q1
243	Sriramulu Bojjagani	Systematic Survey of Mobile Payments, Protocols, and Security Infrastructure	Journal of Ambient Intelligence and Humanized Computing	2021	3.66	CSE	Article	Q1
244	Jatindra Kumar Dash	An Automated method for identification of key frames in Bharatanatyam Dance Videos	IEEE Access	2021	3.47	CSE	Article	Q1
245	Narayana Rao D.,	Micro pulse lidar measurements in coincidence with CALIPSO overpasses: Comparison of tropospheric aerosols over Kattankulathur (12.82oN, 80.04oE).	Atmospheric Pollution Research	2021	4.83	PHY	Article	Q1
246	Narayana Rao D.,	Vertical distributions and columnar properties of the aerosols during different seasons over Kattankulathur (12.82oN, 80.04oE): A semi-urban tropical coastal station.	Atmospheric Environment	2021	4.80	PHY	Article	Q1
247	Ranjit Thapa	Unveiling the Genesis of the High Catalytic Activity in Nickel Phthalocyanine for Electrochemical Ammonia Synthesis	Journal of Materials Chemistry A	2021	14.51	PHY	Article	Q1

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248	Lakhveer Singh	The Role of Conductive Nanoparticles in Anaerobic Digestion: Mechanism, Current Status and Future Perspectives	Chemosphere	2021	8.94	EVSE	Article	Q1
249	Somesh Vinayak Tewari	Compact Inertial Electrostatic Confinement D-D Fusion Neutron Generator	Elsevier-Annals of Nuclear Energy	2021	1.78	EEE	Article	Q1
250	Imran Pancha	Deep eutectic solvents and Ionic liquid assisted hydrolysis of microalgal biomass: A promising approach towards sustainable biofuel production	Journal of Molecular Liquids	2021	6.63	BIO	Article	Q1
251	Sujith Kalluri	Application-driven Industrial-scale Manufacturing of Li/Na-ion Battery Cathodes	Journal of The Electrochemical Society	2021	4.38	ECE/CHE	Article	Q1
252	Ranjit Thapa	Advanced Catalyst	Catalysis Today	2021	6.56	PHY	Article	Q1
253	Ranjit Thapa	One-pot solvothermal synthesis of Co <sub>2</sub> P nanoparticles: an efficient HER and OER electrocatalysts	International Journal of Hydrogen Energy	2021	7.13	PHY	Article	Q1
254	Ranjit Thapa	Enhanced energy storage performance and theoretical studies of 3D cuboidal Manganese diselenides embedded multiwalled carbon nanotubes composite	Journal of Colloid & Interface Science	2021	8.13	PHY	Article	Q1
255	Ranjit Thapa	Nitrogen Vacancy and Hydrogen Substitution Mediated Tunable Optoelectronic Properties of g-C <sub>3</sub> N <sub>4</sub> 2D Layered Structures: Applications towards Blue LED to Broad-band Photodetection	Applied Surface Science	2021	7.39	PHY	Article	Q1
256	Mallikarjuna Rao Motapothula	Enhanced Metal–Insulator Transition in Freestanding VO <sub>2</sub> Down to 5 nm Thickness	ACS Applied Materials and Interfaces	2021	9.23	PHY	Article	Q1

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257	Raviteja KVNS	Variability Characterization of SWCC for Clay & Silt and its Application to Infinite Slope Reliability	Journal of Materials in Civil Engineering	2021	3.65	CIVIL	Article	Q1
258	Suratno Basu	A Torelli type theorem for nodal curves	International Journal of Mathematics	2021	0.70	MATHS	Article	Q1
259	Lakhveer Singh	Scaling-up Up-flow Microbial Electrolysis Cells with a Compact Electrode Configuration for Continuous Hydrogen Production	Bioresource Technology	2021	11.88	EVSE	Article	Q1
260	Kshira Sagar Sahoo	Imperative Dynamic Routing Between Capsules Network for Malaria Classification	Computers, Materials & Continua	2021	3.77	CSE	Article	Q1
261	Siddhartha Ghosh	Reversible hydrogen control of antiferromagnetic anisotropy in $\alpha$ -Fe <sub>2</sub> O <sub>3</sub>	Nature Communications	2021	17.69	PHY	Article	Q1
262	Mahesh Kumar Ravva	Harnessing the Extracellular Electron Transfer Capability of Geobacter sulfurreducens for Ambient Synthesis of Stable Bifunctional Single-Atom Electrocatalyst for Water Splitting	Advanced Functional Materials	2021	19.92	CHE	Article	Q1
263	Lakhveer Singh	Bio-synthesized Cu-ZnO hetero-nanostructure for catalytic degradation of organophosphate chlorpyrifos under solar illumination	Chemosphere	2021	8.94	EVSE	Article	Q1
264	Goutam Kumar Dalapati	Carbon-doped Titanium Dioxide Nanoparticles for Visible Light Driven Photocatalytic Activity	Applied Surface Science	2021	7.39	PHY	Article	Q1
265	Soumyajyoti Biswas	Size distribution of emitted energies in local load sharing fiber bundles	Frontiers in Physics	2021	3.71	PHY	Article	Q1
266	Nimai Mishra	Modification for Improving Surface Photoredox Activity of CsPbBr <sub>3</sub> Nanocrystals	Nanoscale Advances	2021	5.59	CHE	Article	Q1

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267	Pankaj Pathak	Exhausted LNCM-Cathode Batteries using Oxalic and Sulfuric Acid Lixiviants	Journal of Metals	2021	2.62	EVSE	Article	Q1
268	Shoji D Thottathil	Coupling of stable carbon isotopic signature of methane and ebullitive fluxes in northern temperate lakes	Science of the Total Environment	2021	10.75	EVSE	Article	Q1
269	Ranjit Thapa	Computationally Exploring the Role of S-dopant and S-linker in Activating the Catalytic Efficiency of Graphene Quantum Dot for ORR,	Catalysis Today	2021	6.56	PHY	Article	Q1
270	Ram Baran Verma	Borderline gradient estimates at the boundary in Carnot groups	Proceedings of the Royal Society of Edinburgh Section A: Mathematics	2021	1.32	MATHS	Article	Q1
271	Karthik Rajendran	Techno-economics and life-cycle assessment of biological and thermochemical treatment of bio-waste	Renewable and Sustainable Energy Reviews	2021	12.10	EVSE	Article	Q1
272	Karthik Rajendran	Process simulation and techno-economic assessment of vinasse-to- biogas in Cuba: deterministic and uncertainty analysis	Chemical Engineering Research and Design	2021	3.73	EVSE	Article	Q1
273	Pankaj Pathak	Two-step leaching process and kinetics for an eco-friendly recycling of critical metals from spent Li-ion batteries	Journal of Environmental Chemical Engineering	2021	7.96	EVSE	Article	Q1
274	Ranjit Thapa	Scalable Production of Cobalt Phthalocyanine Nanotubes: Efficient and Robust Hollow Electrocatalyst for Ammonia Synthesis at Room Temperature	ACS Nano	2021	18.02	PHY	Article	Q1
275	Ashok Kumar Pradhan	Fortified-Chain: A Blockchain Based Framework for Security and Privacy Assured Internet of Medical Things with Effective Access Control	IEEE Internet of Things	2021	10.23	CSE	Article	Q1

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276	Nimai Mishra	Amine Free Synthesis of Colloidal Cesium Lead Halide Perovskite Nanocrystals	ChemNanoMat	2021	3.82	CHE	Article	Q1
277	Tarkeshwar Mahto	Renewable generation based hybrid power system control using fractional order-fuzzy controller	Energy Reports	2021	4.93	EEE	Article	Q1
278	Ranjit Thapa	Novel Carbene Anchored Molecular Catalysts for Hydrogen Evolution Reactions	The Journal of Physical Chemistry C	2021	4.13	PHY	Article	Q1
279	Mahesh Kumar Ravva	Fused Ambipolar Aza-isoindigos with NIR absorption	Org. Chem. Front.	2021	5.28	CHE	Article	Q1
280	Ranjit Thapa	Stable and boosted oxygen evolution efficiency of mixed metal oxide and borate planner heterostructure over heteroatom (N) doped electrochemically exfoliated graphite foam	Catalysis Today	2021	6.56	PHY	Article	Q1
281	Karthik Rajendran	Enhancing heat transfer performance of automotive radiator with H <sub>2</sub> O / activated carbon nanofluids	Journal of molecular liquids	2022	6.63	EVSE	Article	Q1
282	Sabyasachi Chakraborty	A Carbon Nanodot Based Near-Infrared Photosensitizer with a Protein-Ruthenium Shell for Low-Power Photodynamic Applications	ACS Appl. Mater. Interfaces	2022	10.38	CHE	Article	Q1
283	Sabyasachi Chakraborty	Fluorescent nanodiamond for nanotheranostic applications	Microchimica Acta	2022	6.40	CHE	Article	Q1
284	Sumit Kumar	How e-WOM influences consumers' purchase intention towards private label brands on e-commerce platforms	Journal - Technological Forecasting & Social Change	2022	10.88	MANAGEMENT	Article	Q1
285	Murali Krishna Enduri,V. Sateeshkrishna	Generalization of Relative Change in a Centrality Measure to Identify Vital Nodes in Complex Networks	IEEE Access	2022	3.47	CSE/ECE	Article	Q1

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	Dhuli ,Satish Anamalamudi							
286	Mahesh Kumar Ravva	Theoretical studies on donor–acceptor based macrocycles for organic solar cell applications	Scientific Reports	2022	4.99	CHE	Article	Q1
287	Ranjit Thapa	Anisotropic Phenanthroline based Ruthenium Polymer/Ti(MOF) triggers efficient H <sub>2</sub> generation	Communication Chemistry	2022	7.211	PHY	Article	Q1
288	Dr. Pitchaiah Cherukuri	ERR2 and ERR3 promote the development of gamma motor neuron functional properties required for proprioceptive movement control	PLOS Biology	2022	8.02	BIO	Article	Q1
289	Patro.LN.,	Enhanced Electrochemical Performance of Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C Cathode Material upon Doping with Mn/Fe for Na-ion Batteries	ACS Omega	2022	4.132	PHY	Article	Q1
290	Pranab Mandal	Preparation, characterization and study of magnetic induction heating of Co-Cu nanoparticles	Materials Today Communications	2022	3.383	PHY	Article	Q1
291	Mallikarjuna Rao M	Radiation Response of HfO <sub>x</sub> -Based Resistive Random Access Memory (RRAM) Devices	ACS Applied Electronic Materials	2022	4.16	PHY	Article	Q1
292	Elakkiya	Multi-Cohort whale optimization with search space tightening for engineering optimization problems	Neural Computing and Applications	2022	5.102	CSE	Article	Q1
293	Jayaseelan Murugaiyan	Antibiotic Discovery and Resistance: The Chase and the Race	Antibiotics	2022	4.64	BIO	Article	Q1
294	Sonali Monadal	Mathematical Analysis of Rayleigh waves at non-planner boundary between orthotropic and micropolar media	International Journal of Geomech anics	2022	2.45	MATHS	Article	Q1

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295	Pankaj Pathak	Co-combustion of multilayered plastic waste blend with biomass: Thermokinetics and synergistic effect	Fuel	2022	8.03	EVSE	Article	Q1
296	Muhammad Muazu Bala	Stochastic frontier approach to efficiency analysis of health facilities in providing services for non-communicable diseases in eight LMICs	International Health	2022	3.13	ECO	Article	Q1
297	Ranjit Thapa	First-Principles identification of CO oxidation via LH mechanism over ER mechanism on metal-boron centered single-metal dual site catalyst	Molecular Catalysis	2022	5.08	PHY	Article	Q1
298	Ashok Kumar Pradhan, Shubham Gupta, Kshirasagar Sahoo, Bhaskara Santosh Eagala	A Secure Blockchain Based Pandemic Mitigation Assisting System	Sustainability	2022	3.88	CSE	Article	Q1
299	Anirban Ghosh, Satish Kumar Tiwari	Energy and Throughput Management in Delay-Constrained Small-World UAV-IoT Network	IEEE Internet of Things	2022	9.47	ECE	Article	Q1
300	Sumit Kumar	Consumers' purchase intention towards Private Label Brands on e-commerce platforms	Technological Forecasting & Social Change	2022	2.34	MANAGEMENT	Article	Q1
301	Satyam Verma	MODIS-Derived Fire Characteristics and Greenhouse Gas Emissions from Cropland Residue Burning in Central India	Sustainability	2022	3.88	EVSE	Article	Q1
302	Kousik Das	Arsenic enriched groundwater discharge to a tropical ocean: Understanding controls and processes	Environmental Pollution	2022	9.98	EVSE	Article	Q1



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303	Kamala Kumari	Equivalent Circuit Model Parameters Estimation of Lithium-Ion Batteries Using Cuckoo Search Algorithm	The Electrochemical Society	2022	4.38	ECE	Article	Q1
304	Rajapandiyan	Transition Metal-Based Electrocatalysts: Applications in Green Hydrogen Production & Storage	ACS Symposium Series	2022	0.00	CHE	Book Chapter	Q1
305	Deblina Dutta	A review on recovery processes of metals from E-waste: A green perspective	Science of the Total Environment	2022	10.57	EVSE	Article	Q1
306	Mahesh KumarRavva	Side chain engineering enhances the high-temperature resilience and ambient stability of organic synaptic transistors for neuromorphic applications	Nano Energy	2022	19.00	CHE	Article	Q1
307	Ranjit Thapa	Facile synthesis of alkyl and aryl boronate esters enabled by carbon nanotubes supported copper catalyst	Catalysis Science & Technology	2022	6.11	PHY	Article	Q1
308	Ranjit Thapa	Synergetic Effect of Ru @ Octahedral Site of Fe <sub>3</sub> O <sub>4</sub> and Charge Transfer from rGO to Ru/Fe <sub>3</sub> O <sub>4</sub> for Improved Hydrogen Evolution Reaction- Experimental and DFT Studies	Materials Letters	2022	3.57	PHY	Article	Q1
309	Saleti Sumalatha, jayalakshmi Tangirala	Mining High Utility Time Interval Sequences using MapReduce Approach: Multiple Utility Framework	IEEE Access journal	2022	3.47	CSE	Article	Q1
310	Randhir Kumar	Deep Learning-based Blockchain for Secure Zero Touch Networks	IEEE Communications	2022	9.02	CSE	Article	Q1
311	L N Patro	Fast ion transport in mechanochemically synthesized SnF <sub>2</sub> based solid electrolyte, NH <sub>4</sub> Sn <sub>2</sub> F <sub>5</sub>	Solid State Ionics	2022	3.69	PHY	Article	Q1
312	Shoji D. Thottathil	Land use drivers of riverine methane dynamics in a tropical river basin, India	Water Research	2022	13.40	EVSE	Article	Q1

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313	Nimai Mishra	Near-Unity Photoluminescence Quantum Yield of Green-Emitting Graded Alloy Core/Shell Quantum Dots by z-type Ligand Passivation for Display Applications	ACS Applied Nano Materials	2022	6.14	CHE	Article	Q1
314	Lakshmi Sirisha Maganti	Multi-objective optimization of parallel microchannel heat sink with inlet/outlet U, I, Z type manifold configuration by RSM and NSGA-II	International Journal of Heat and Mass Transfer	2022	5.58	MECH	Article	Q1
315	Satyam Verma	Reliability of cross-regional applications of global fire danger models: a Peruvian case study	Fire Ecology	2022	5.36	EVSE	Article	Q1
316	Sabyasachi Mukhopadhyay	Effect of formamidinium (FA) ions on mixed 'A'-site based bromide perovskite (APbBr <sub>3</sub> ) thin films	New Journal of Chemistry	2022	3.59	PHY	Article	Q1
317	Sheela Singh	Investigation on High Entropy Alloys as Interconnect Material for Intermediate Temperature Solid Oxide Fuel Cells	Alloys and Compounds	2022	6.37	MECH	Article	Q1
318	Kshira Sagar Sahoo	A Whale Optimization Algorithm Based Resource Allocation Scheme for Cloud-Fog Based IoT Applications	Electronics	2022	2.40	CSE	Article	Q1
319	Nitul Dutta	A bargain game theory assisted interest packet forwarding strategy for information centric network	Journal of Network and Computer Applications (JNCA)	2022	7.57	CSE	Article	Q1
320	Sudhakar Tummala	BreaST-Net: Multi-Class Classification of Breast Cancer from Histopathological Images Using Ensemble of Swin Transformers	Mathematics	2022	2.60	ECE	Article	Q1
321	Ramanjaneya Reddy, Tarkeshwar Mahto ,B.	Optimal PI Controller Based Hybrid Energy Storage System in DC Microgrid	Sustainability Journal	2022	3.88	EEE	Article	Q1

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	Lokeshgupta,May a Vijayan							
322	Subhankar Ghatak	An Improved Tube Rearrangement Strategy for Choice-based Surveillance Video Synopsis Generation	Digital Signal Processing	2022	2.92	CSE	Article	Q1
323	Esha Saha,Pradeep Rathore	Case mix-based resource allocation under uncertainty in hospitals: Physicians being the scarce resource	Computers & Industrial Engineering	2022	7.18	MANAGEM ENT	Article	Q1
324	T. Ragunathan	Efficient Prefetching and Client-side Caching Algorithms for Improving the Performance of Read Operations in Distributed File Systems	IEEE Access journal	2022	3.47	CSE	Article	Q1
325	Anil K Suresh,Mannnath an,M. Motapothula	Sustainable Bioengineering of Gold structured Wide-Area Supported Catalyst for Hand-Recyclable Ultra-Efficient Heterogeneous Catalysis	ACS Applied Materials and Interface	2022	10.34	BIO/CHE	Article	Q1
326	Vimal Babu,Vijaya Prabhagar Murugesan	The Role of Blockchain technology in the Process of Decision-making in Human Resource Management: A Review and Future Research Agenda	Business Process Management Journal	2022	4.13	MANAGEM ENT	Article	Q1
327	Priyanka S	Robust and Secured Watermarking using Ja- Fi Optimization for Digital Image Transmission in Social Media	Applied Soft Computing Journal	2022	8.26	CSE	Article	Q1
328	Sonam Maurya, Sushil Tiwari	A Review on Recent Developments in Cancer Detection using Machine Learning and Deep Learning Models	Biomedical Signal Processing & Control	2022	5.07	CSE	Article	Q1
329	Jatis Kumar Dash	Starch assisted synthesis of Bi2S3 nanoparticles for enhanced dielectric and antibacterial applications	ACS Omega,	2022	4.13	PHY	Article	Q1
330	Pardha Saradhi Maram	Oxide-Based Red Emitting Phosphors with High Color Purity and Their Versatile	ACS Applied Optical Materials	2022	0.00	CHE	Article	Q1

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		Applications: Synthesis, Structure, and Luminescence Properties						
331	Priyanka Singh	Influencer-Defaulter Mutation-Based Optimization Algorithms for Predicting Electricity Prices	Utilities Policy	2022	3.24	CSE	Article	Q1
332	Ranjit Thapa	Anisotropic phenanthroline-based ruthenium polymers grafted on a titanium metal-organic framework for efficient photocatalytic hydrogen evolution	Communications Chemistry	2022	7.21	PHY	Article	Q1
333	Soumyajyoti Biswas	Scaling Behavior of the Hirsch Index for Failure Avalanches, Percolation Clusters and Paper Citations	Frontiers in Physics	2022	3.71	PHY	Article	Q1
334	Pankaj Bhalla	Resonant Second-Harmonic Generation as a Probe of Quantum Geometry	Physical Review Letters	2022	9.18	PHY	Article	Q1
335	Sabyasachi Mukhopadhyay	Asymmetrical Electrical Performance across Different Planes of Solution-Grown MAPbBr <sub>3</sub> Crystals of mm Dimensions	ACS Omega	2022	4.13	PHY	Article	Q1
336	Ranjit Thapa	Visible Light Driven Metal-Organic Framework Mediated Activation and Utilization of CO <sub>2</sub> for the Thiocarboxylation of Olefins	ACS Applied Materials & Interfaces	2022	10.38	PHY	Article	Q1
337	Deblina Dutta	An insight on sampling, identification, quantification and characteristics of microplastics in solid wastes	Trends in Environmental Analytical Chemistry	2022	13.62	EVSE	Article	Q1
338	Karthik Rajendran	Evaluation of a biomethane, food and biofertiliser polygeneration system in a circular economy system	Renewable and Sustainable Energy Reviews	2022	16.90	EVSE	Article	Q1
339	Priyanka S	Chaos Follow The Leader Algorithm: Application to Data Classification	Journal of Computational Science (Elsevier)	2022	3.81	CSE	Article	Q1

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340	Priyanka S	Color Image Retrieval Method using Low Dimensional Salient Visual Feature Descriptors for IoT Applications	Computational Intelligence and Neuroscience Journal	2022	3.12	CSE	Article	Q1
341	Ranjit Thapa	CrSe <sub>2</sub> /Ti <sub>3</sub> C <sub>2</sub> MXene 2D/2D Hybrids as a Promising Candidate for Energy Storage Applications	sustainable Energy & Fuels	2022	6.81	PHY	Article	Q1
342	Ranjit Thapa	Hierarchical Architecture of Metallic VTe <sub>2</sub> /Ti <sub>3</sub> C <sub>2</sub> Tx MXene Heterostructure for Supercapacitor Applications	Journal of Materials Chemistry A	2022	14.51	PHY	Article	Q1
343	Kshirasagar Sahoo	ML-MDS: Machine learning based misbehavior detection system for cognitive software-defined multimedia VANET (CSDMV) in Smart Cities	Multimedia Tools and applications, Springer	2022	2.57	CSE	Article	Q1
344	Randhir Kumar	A Blockchain-Orchestrated Deep Learning Approach for Secure Data Transmission in IoT-Enabled Healthcare System	Parallel and Distributed Computing	2022	4.54	CSE	Article	Q1
345	Nimai Mishra	Amine-Free Synthetic Route: An Emerging Approach to Making High-Quality Perovskite Nanocrystals for Futuristic Application	The Journal of Physical Chemistry Letters	2022	6.90	CHE	Article	Q1
346	Ranjit Thapa	Oxygen functionalization-induced charging effect on boron active sites for high-yield electrochemical NH <sub>3</sub> production	Nano-Micro Letters	2022	23.65	PHY	Article	Q1
347	Priyanka Singh	Influencer Buddy Optimization: Algorithm and its application to electricity load and price forecasting problem	Energy journal	2022	8.85	CSE	Article	Q1
348	Karthik Rajendran	The marginal abatement cost of co-producing biomethane, food and biofertiliser in a circular economy system	Renewable and Sustainable Energy Reviews	2022	16.80	EVSE	Article	Q1
349	Nimai Mishra	In situ synthesis of high quantum efficiency and stable bromide-based blue-emitting perovskite nanoplatelets	The Royal Society of Chemistry	2022	5.60	CHE	Article	Q1

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350	Mahesh Kumar Ravva	Rational design of fused-ring based non-fullerene acceptors for high performance organic solar cells	Solar Energy	2022	7.18	CHE	Article	Q1
351	Mahesh Kumar Ravva	Stereoselective Addition of Alkynes to Ketenimines: Copper/Amine Catalyzed Sulfonyl Azide-Alkyne Cycloaddition Reactions for the Synthesis of (Z)-1,3-Enynes	Organic Letters	2022	6.00	CHE	Article	Q1
352	Amit Kumar Mandal	A Lightweight Mutual and Transitive Authentication Mechanism for IoT Network	Ad Hoc Networks, Elsevier	2022	4.80	CSE	Article	Q1
353	Deepak Kachave	Frequency Stability Analysis of Multi-renewable Source System with Cascaded PDN-FOPID Controller	Sustainability	2022	3.88	CSE	Article	Q1
354	Ramesh Vaddi	Chest X Ray and Cough Sample based Deep Learning Framework for Accurate Diagnosis of COVID-19	Elsevier Journal of Computers and Electrical Engg	2022	4.15	ECE	Article	Q1
355	Harindranath	Does Gender Moderate the Purchase Intention of Organic Foods? Theory of Reasoned Action	Heliyon	2022	3.77	MANAGEMENT	Article	Q1
356	Divya Chaturvedi	A Dual-Band Dual-Polarized SIW Cavity-Backed Antenna-Duplexer for Off-body Communication	AEJ - Alexandria Engineering Journal	2022	6.77	ECE	Article	Q1
357	Ranjit Thapa	Scrutinizing the Role of Tunable Carbon Vacancies in g-C <sub>3</sub> N <sub>4</sub> Nanosheets for Efficient Sonophotocatalytic Degradation of Tetracycline in Diverse Water Matrices: Experimental study and theoretical calculation	Chemical Engineering Journal	2022	16.74	PHY	Article	Q1
358	Shoji D. Thottathil	Variability and controls of stable carbon isotopic fractionation during aerobic methane oxidation in temperate lakes	Frontiers in Environmental Science	2022	5.41	EVSE	Article	Q1

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359	Ranjit Thapa	Identification of ORR Activity of Random Graphene-Based Systems Using the General Descriptor and Predictive Model Equation	CARBON	2022	11.30	PHY	Article	Q1
360	Javid Ahmad Dar	Sacred groves of Central India: Diversity status, carbon storage, and conservation strategies	Biotropica	2022	2.85	EVSE	Article	Q1
361	Arghya Chakravarty	A switching free multiple model approach to adaptive FTC of non-Lipschitz nonlinear uncertain systems under persistent actuator failures	IFAC Journal of Systems and Control	2022	2	EEE	Article	Q1
362	Sriramulu Bojjagani	Secure Authentication and Key Management Protocol for Deployment of Internet of Vehicles (IoV) Concerning Intelligent Transport Systems	IEEE Transactions on Intelligent Transport Systems	2022	9.55	CSE	Article	Q1
363	Aehsan Ahmad Dar, Manzoor Hassan Malik, Ayesha Parveen Haroon, Dhamodharan M	Prevalence of Adverse Childhood Experiences (ACEs) among young adults of Kashmir	Child Abuse & Neglect	2022	4.86	ECO/PSY	Article	Q1
364	Venkata Ramireddy	A Modulated Dual-Voltage-Vector Model-Free Predictive Current Controller for Synchronous Reluctance Motor Drives with Online Duty Cycle Calculation	IEEE Access	2022	3.47	EEE	Article	Q1
365	Nimai Mishra	Highly-Stable Amine-Free CsPbBr <sub>3</sub> Perovskite Nanocrystals for Perovskite-Based Display Applications	ACS Applied Nano Materials	2022	6.14	CHE	Article	Q1
366	Soumyajyoti Biswas	Evolutionary Dynamics of Social Inequality and Coincidence of Gini and Kolkata indices under Unrestricted Competition	International Journal of Modern Physics C	2022	1.35	CSE/PHY	Article	Q1

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367	Ranjit Thapa	Inner Filter Effect on Amino-Functionalized Metal-Organic Framework for the Selective Detection of Tetracycline	Journal of Cleaner Production	2022	11.07	PHY	Article	Q1
368	Baswanth Oruganti	Modulating the Photocyclization Reactivity of Diarylethenes through Changes in the Excited-State Aromaticity of the $\pi$ -Linker	Journal of Organic Chemistry	2022	4.20	CHE	Article	Q1
369	Priyanka s, Jatindra Kumar Dash, K Jyothsna Devi,M.V. Jayanth Krishna	A New Robust and Secure 3-Level Digital Image Watermarking Based on G-BAT Hybrid Optimization	Mathematics Journal	2022	2.90	CSE	Article	Q1
370	Ranjit Thapa	2D-Black Phosphorus/Polyaniline Hybrids for Efficient Supercapacitor and Hydrogen Evolution Reaction Applications Check for updates	Sustainable Energy & Fuels	2022	6.36	PHY	Article	Q1
371	Partha Bhattacharjee	Interview Interview with Ikroop Sandhu	Journal of Graphic Novels and Comics	2022	0.26	LITERATURE AND LANGUAGES	Article	Q1
372	Ranjit Thapa	First-Principles Study of Two-Dimensional B-Doped Carbon Nanostructures for Toxic Phosgene Gas Detection	ACS Applied Nano Materials	2022	6.14	PHY	Article	Q1
373	Pradyut Kumar Sanki	Design of an Efficient QCA based Median Filter with Energy Dissipation Analysis	The Journal of Supercomputing	2022	2.55	ECE	Article	Q1
374	Ranjit Thapa	All-solid-state Supercapacitor Based on Advanced 2D Vanadium disulfide/Black Phosphorus Hybrids for Wearable Electronics	ACS Applied Energy Materials	2022	6.95	PHY	Article	Q1



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375	Ranjit Thapa, Shobhana Narasimhan	Descriptors and graphical construction for in silico design of efficient and selective single atom catalysts for eNRR	Chemical Science	2022	9.96	PHY	Article	Q1
376	Soumyajyoti Biswas	Success of Social Inequality Measures in Predicting Critical or Failure Points in Some Models of Physical Systems	Frontiers in Physics	2022	3.56	PHY	Article	Q1
377	Anirban Ghosh, Naga Srinivasarao Chilamkurthy	Low-Power Wide-Area Networks: A Broad Overview of its Different Aspects	IEEE Access journal	2022	3.47	ECE	Article	Q1
378	Priyanka s	PRMS: Design and Development of Patients' E-Healthcare Records Management System for Privacy Preservation in Third Party Cloud Platforms	IEEE Access journal	2022	3.47	CSE	Article	Q1
379	Karthik Rajendran, Vigneshwar V S	Augmented v-corrugated absorber plate using shot-blasting for solar air heater – Energy, Exergy, Economic, and Environmental (4E) analysis	Environmental Protection journal	2022	7.90	EVSE	Article	Q1
380	Siddhant Dash	Systematic bibliographic research on eutrophication-based ecological modelling of aquatic ecosystems through the lens of science mapping	Ecological Modelling	2022	2.36	CIVIL	Article	Q1
381	Lakhveer Singh	Machine Learning Aided Synthesis and Screening of HER Catalyst: Present Developments and Prospects	Catalysis Reviews	2022	13.60	EVSE	Article	Q1
382	Sunil Chinnadurai	Energy Efficient MIMO-NOMA aided IoT Network in B5G Communications	Computer Networks	2022	5.50	ECE	Article	Q1
383	Soumyajyoti Biswas	Prediction of imminent failure using supervised learning in a fiber bundle model	Physical Review E	2022	2.70	PHY	Article	Q1

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384	Sudhindra Nath Panda	Spatiotemporal evaluation and assessment of shallow groundwater quality for irrigation of a tropical coastal groundwater basin	Environmental Science and Pollution Research	2022	5.19	TLC	Article	Q1
385	Bharadhwaj Sivakumaran	Nostalgia: A Review, Propositions, and Future Research Agenda	Journal of Advertising	2022	6.52	MANAGEMENT	Article	Q1
386	Shoji D Thottathil	Magnitude and Drivers of Oxic Methane Production in Small Temperate Lakes	Environmental Science & Technology	2022	11.55	EVSE	Article	Q1
387	Karthik Rajendran	Recovery of value-added products from biowaste: A review	Bioresource Technology	2022	11.88	EVSE	Article	Q1
388	Karthik Rajendran	Myco-biorefinery approaches for food waste valorization: Present status and future prospects	Bioresource Technology	2022	11.88	EVSE	Article	Q1
389	Pankaj Pathak	Sustainable approach for valorization of solid wastes as a secondary resource through urban mining	Journal of Environmental Management	2022	8.91	EVSE	Article	Q1
390	Imran Uddin	Targeted non-AR mediated smart delivery of abiraterone to the prostate cancer	PLoS ONE	2022	3.75	PHY	Article	Q1
391	Jatindra Kumar Das	Efficient image retrieval system for textural images using fuzzy class membership	Multimedia Tools and Applications	2022	2.57	CSE	Article	Q1
392	Divya Chaturvedi	Design and Investigation of Dual-Band 2x2 Elements MIMO Antenna-Diplexer Based on Half-mode SIW	IEEE Access	2022	3.47	ECE	Article	Q1
393	Pardha Saradhi Maram, Sujith Kalluri	Challenges and Benchmarking in Scale-up of Ni-rich Cathodes for Sodium-ion Batteries	Journal of The Electrochemical Society	2022	4.38	ECE/CHE	Article	Q1
394	Manjesh kumar	Surface roughness simulation during rotational -magnetorheological finishing of poppet valve profiles	nanomanufacturing and metrology	2022	3.78	MECH	Article	Q1

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395	Murali Krishna Enduri	Hyperspectral Image Classification with Optimized Compressed Synergic Deep Convolution Neural Network with Aquila Optimization	Computational Intelligence and Neuroscience	2022	3.12	CSE	Article	Q1
396	Jaya Lakshmi Tangirala	Privacy Protection of Healthcare Data over Social Networks Using Machine Learning Algorithms	Computational Intelligence and Neuroscience	2022	3.12	CSE	Article	Q1
397	Ravi Kant Kumar	Improving Performance of Classifiers for Diagnosis of Critical Diseases to Prevent COVID Risk	COMPUTERS & ELECTRICAL ENGINEERING	2022	4.15	CSE	Article	Q1
398	Kshira Sagar Sahoo	Sustainable IoT Solution for Freshwater Aquaculture Management	IEEE Sensors Journal	2022	4.32	CSE	Article	Q1
399	Jatindra Kumar Dash, PRIYANKA S	Exploiting deep and hand-crafted features for texture image retrieval using class membership,	Pattern Recognition Letters	2022	4.75	CSE	Article	Q1
400	Ranjit Thapa	Role of Intrinsic Defects in Enhancing the Photo Absorption Capability of CuZn <sub>2</sub> AlSe <sub>4</sub>	ACS Omega	2022	4.13	PHY	Article	Q1
401	Sheela Singh	Investigation of HVOF sprayed novel Al <sub>1.4</sub> Co <sub>2.1</sub> Cr <sub>0.7</sub> Ni <sub>2.45</sub> Si <sub>0.2</sub> Ti <sub>0.14</sub> HEA coating as bond coat material in TBC System	Alloys and Compounds	2022	6.37	MECH	Article	Q1
402	Nimai Mishra	Charge Transfer in Photoexcited Cesium Lead Halide Perovskite Nanocrystals: Review of Materials and Applications	ACS Applied Nano Materials	2022	6.14	CHE	Article	Q1
403	Pankaj Pathak	Dual role of grass clippings as buffering agent and biomass during anaerobic co-digestion with food waste	Clean Technologies and Environmental Policy	2022	4.70	EVSE	Article	Q1
404	PRIYANKA S	A Meta-heuristic Learning Approach for Short-term Price Forecasting	In Soft Computing: Theories and Applications	2022	2.98	CSE	Conference	Q1

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405	SupravatDey	Gene copy number and negative feedback differentially regulate transcriptional variability of segmentation clock genes	iScience	2022	6.10	PHY	Article	Q1
406	Pankaj Pathak	Comprehensive technological assessment for different treatment methods of leather tannery wastewater	Environmental Science and Pollution Research	2022	5.19	EVSE	Article	Q1
407	Ranjit Thapa	The Hydrogen Bonded Organic Framework Structure: A Metal Free Electrocatalyst for Evolution of Hydrogen	ACS Omega	2022	4.13	PHY	Article	Q1
408	Nimai Mishra	Post-synthesis Treatment with Lead Bromide for Obtaining Near Unity Photoluminescence Quantum Yield and Ultra-Stable Amine Free CsPbBr <sub>3</sub> Perovskite Nanocrystal	The Journal of Physical Chemistry C	2022	4.17	CHE	Article	Q1
409	Sunil Chinnadurai	Deep Learning Enabled IRS for 6G Intelligent Transportation Systems: A Comprehensive Study	IEEE Transactions on Intelligent Transportation Systems	2022	9.55	ECE	Article	Q1
410	V Dinesh Reddy	Enhanced Resource Provisioning and Migrating Virtual Machines in Heterogeneous Cloud Data Center	Journal of Ambient Intelligence and Humanized Computing	2022	3.66	CSE	Article	Q1
411	G.S. Vinod Kumar	Production, Stability, and Properties of In-situ Al-5ZrB <sub>2</sub> Composite Foams	Materials Science & Engineering A	2022	5.25	MECH	Article	Q1
412	G. V. P. Bhagath Singh	Investigation of phase formation, microstructure and mechanical properties of LC3 based autoclaved aerated blocks	Construction and Building Materials	2022	7.69	CIVIL	Article	Q1
413	Jatindra Kumar Dash	Motion recognition in Bharatanatyam Dance	IEEE Access	2022	3.36	CSE	Article	Q1
414	Mohan Mallick	Bifurcation, uniqueness, and multiplicity results for classes of reaction-diffusion equations arising in ecology with nonlinear boundary conditions	Communication in Pure and Applied Mathematics	2022	1.20	MATHS	Article	Q1

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415	Bharadhwaj Sivakumaran	Organic Food Preferences: A Comparison of American and Indian Consumers	Food Quality and Preference	2022	6.34	MANAGEMENT	Article	Q1
416	Manjunatha Thondamal ,Mahesh Kumar Ravva,Kumar Babu Busi ,Kotha Jyothi ,Shamili Bandaru ,Jyothi Priyanka Gantashala,Haseena Sheik ,Sabyasachi Chakraborty	Engineering Colloidally Stable, Highly Fluorescent and Non-toxic Cu Nanoclusters via Reaction Parameter Optimization	RSC Advances	2022	4.03	BIO/CHE	Article	Q1
417	Jayaseelan Murugaiyan	Antibiotic Discovery and Resistance: The Chase and the Race,	Antibiotics	2022	3.42	BIO	Article	Q1
418	Thondamal, M ,Basu Ball, W.,	PHLPP1 promotes neutral lipid accumulation through AMPK/ChREBP-dependent lipid uptake and fatty acid synthesis pathways	iScience	2022	6.10	BIO	Article	Q1
419	Inbarasan Muniraj, Karthikeyan Elumalai, Sunil Chinnadurai	Energy Efficient Hybrid Relay - IRS aided wireless IoT network for 6G communications	Electronics Journal	2022	2.40	ECE	Article	Q1
420	Abinash Pujahari	Item Feature Refinement using Matrix Factorization and Boosted Learning based User Profile Generation for Content-Based Recommender Systems	Expert Systems with Applications	2022	8.66	CSE	Article	Q1
421	Karthik Rajendran	Sustainable biorefinery approaches towards circular economy for conversion of biowaste	Fuel	2022	8.03	EVSE	Article	Q1

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		to value added materials and future perspectives						
422	Bharadwaj Sivakumaran	Promotional Inputs and Selling: Evidence from India	Journal of Business and Industrial Marketing	2022	4.05	MANAGEMENT	Article	Q1
423	Manjula Raja	Position-independent and Section-based Source Location Privacy Protection in WSN	IEEE Transactions	2022	10.22	CSE	Article	Q1
424	Mannathan S	Trifluoroacetic Acid-Mediated Denitrogenative Ortho-Hydroxylation of 1,2,3-Benzotriazin-4(3H)-ones: A Metal-Free Approach	The Journal of Organic Chemistry'	2022	4.19	CHE	Article	Q1
425	Ranjit Thapa	Lewis acid-dominated aqueous electrolyte acting as co-catalyst and overcoming N <sub>2</sub> activation issues on catalyst surface	Proceedings of National Academy of Sciences ( PNAS )	2022	11.20	PHY	Article	Q1
426	Sabyasachi Chakraborty and Sabyasachi Mukhopadhyay	Improved Charge Transport across Bovine Serum Albumin – Au Nanoclusters Hybrid Molecular Junction	ACS Omega	2022	4.13	CHE/PHY	Article	Q1
427	B. Ramanjaneya Reddy	Seagull Optimization Algorithm Based Fractional Order Fuzzy Controller for LFC of Multi Area Diverse Source System with Realistic Constraints	Journal Frontiers in Energy Research	2022	3.85	EEE	Article	Q1
428	Priyanka S	Ameliorated Follow the Leader: Algorithm and Application to Truss Design Problem	Structures	2022	4.01	CSE	Article	Q1
429	Ranjit Thapa	Low-Temperature Spin-Canted Magnetism and Bipolaron Freezing Electrical Transition in Potential Electron Field Emitter NdNiO <sub>3</sub>	ACS Applied Electronic Materials	2022	4.49	PHY	Article	Q1
430	Javid Ahmad Dar	An invasive shrub Lantana camara L. alters the flora and soils in tropical dry deciduous forests of Central India	Biotropica	2022	2.85	EVSE	Article	Q1

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431	Tousif Khan N	Enhanced Dynamic Performance in DC-DC Converter-PMDC Motor Combination through an Intelligent Nonlinear Adaptive Control Scheme	IET Power Electronics	2022	2.11	EEE	Article	Q1
432	Karthik Rajendran	Nutrient recovery from wastewater in India: A perspective from mass and energy balance for a sustainable circular economy	Bioresource Technology Reports	2022	4.41	EVSE	Article	Q1
433	Nimai Mishra	Year-Long Stability and Near Unity Photoluminescence Quantum Yield of CsPbBr <sub>3</sub> Perovskite Nanocrystals by Benzoic Acid Post-treatment	The Journal of Physical Chemistry C	2022	4.17	CHE	Article	Q1
434	Jayaseelan Murugaiyan	Perspectives on the ethics of antibiotic overuse and on the implementation of (new) antibiotics	Infectious Diseases and Therapy	2022	6.11	BIO	Article	Q1
435	Hiren Kumar Deva Sarma	An Approach to Discover Similar Musical Patterns	IEEE Access	2022	3.47	CSE	Article	Q1
436	Mahesh Kumar Ravva	Changes in Structure and Stability of Lithium Polysulfides Encapsulated in Carbon Nanotubes: A DFT	Journal of Molecular Liquids	2022	6.63	CHE	Article	Q1
437	Ranjit Thapa	A unique bridging facets assembly of gold nanorods for the detection of thiram through SERS	ACS Sustainable Chemistry & Engineering	2022	9.22	PHY	Article	Q1
438	Anirban Bose	Twisted conjugacy in linear algebraic groups II	Journal of Algebra	2022	0.90	MATHS	Article	Q1
439	Suratno Basu	Generators of the Cohomology ring, after Newstead	Proc. Amer. Math. Soc	2022	0.81	MATHS	Article	Q1
440	Ranjit Thapa	Understanding the Site-Selective Electrocatalytic Co-Reduction Mechanism for Green Urea Synthesis Using Copper Phthalocyanine Nanotubes	Advanced Functional Materials	2022	19.92	PHY	Article	Q1

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441	Divya Chaturvedi	Design of Antenna-Multiplexer for Seamless On-Body Internet of Medical Things (IoMT) Connectivity	IEEE Transactions on Circuits and Systems II: Express Briefs	2022	3.69	ECE	Article	Q1
442	Sabyasachi Chakraborty	Photovoltaic/Photo-Electrocatalysis Integration for Green Hydrogen: A review	Energy Conversion & Management	2022	9.70	CHE/PHY	Article	Q1
443	Anil K Suresh	Fish-scale waste to portable bioactive discs: A sustainable platform for sensitive and reliable blood group analysis	Analytical Methods	2022	3.53	BIO	Article	Q1
444	Priyanka S	A Decisive Metaheuristics Attribute Selector Enabled Combined Unsupervised-Supervised Model for Chronic Disease Risks Assessment	Computational Intelligence and Neuroscience	2022	3.12	CSE	Article	Q1
445	Karthik Rajendran	Towards green whiskey production: anaerobic digestion of distillery by-products and the effects of pretreatment	Journal of Cleaner Production	2022	11.07	EVSE	Article	Q1
446	Javid Ahmad Dar	Evidence of co-limitation in global forest diversity gradients	Nature Ecology & Evolution	2022	19.10	EVSE	Article	Q1
447	Ranjit Thapa	Strategic modulation of target-specific isolated Fe,Co single-atom active sites for oxygen electrocatalysis impacting high power Zn-air battery	ACS Nano	2022	18.02	PHY	Article	Q1
448	Amit Chakraborty	Revisiting Jet Clustering Algorithms for New Higgs Boson Searches in the Hadronic Final States	European Physical Journal C	2022	4.99	PHY	Article	Q1
449	Sabyasachi Chakraborty and Mahesh Kumar Ravva	Electronic structure and origin of intrinsic defects in sputtered HfTiO <sub>2</sub> alloy dielectric on GaAs surface	Journal of Alloys and Compounds	2022	6.37	PHY/CHE	Article	Q1
450	Ranjit Thapa	Low Basis Weight Polyacrylonitrile/Polyvinylpyrrolidone	ACS Applied Polymer Materials	2022	4.85	PHY	Article	Q1



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		Blended Nanofiber Membranes for Efficient Particulate Matter Capture						
451	Karthik Rajendran	Dynamic Simulation and Optimization of Anaerobic Digestion Processes using MATLAB	Bioresource Technology	2022	11.88	EVSE	Article	Q1
452	Jasvinder singh	Effect of heparin drug loading on biodegradable polycaprolactone-iron pentacarbonyl powder blend stents fabricated by solvent cast 3D printing	Rapid prototyping journal	2022	4.04	MECH	Article	Q1
453	Sutharsan Govindarajan	Distinct subcellular localization of a Type I CRISPR complex and the Cas3 nuclease in bacteria	Journal of Bacteriology	2022	3.47	BIO	Article	Q1
454	Kshira Sagar Sahoo	A LSTM-FCNN based multi-class intrusion detection using scalable framework	Computers and Electrical Engineering	2022	3.82	CSE	Article	Q1
455	Karthikeyan Elumalai	Erratic noise attenuation using double sparse dictionary learning method	IEEE Transaction on geoscience and remote sensing	2022	5.60	ECE	Article	Q1
456	Lakhveer Singh	Ti3C2 MXene-As Electrocatalyst for Designing Robust Glucose Biosensors	Advanced Materials Technologies	2022	8.85	EVSE	Article	Q1
457	Ranjit Thapa	Highly Efficient Catalysts of Ruthenium Clusters on Fe3O4/MWCNTs for Hydrogen Evolution Reaction	New Journal of Chemistry	2022	3.92	PHY	Article	Q1
458	Lakhveer Singh	Biorenewable Nanocomposite Materials for Desalination and WasteWater Remediation	ACS Symposium Series	2022	16.38	EVSE	BOOK	Q1
459	Ranjit Thapa	Supercapacitor electrodes based on quasi-one-dimensional van der Waals TiS3 nanosheets: experimental findings and theoretical validation	Applied Physics Letters	2022	3.97	PHY	Article	Q1
460	Kshira Sagar Sahoo	Model updating using causal information: a case study in coupled slab	Structural and Multidisciplinary Optimization 65	2022	4.54	CSE	ARTICLE	Q1

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461	Sriramulu Bojjagani	Blockchain-Based Security Framework for Sharing Digital Images using Reversible Data Hiding and Encryption	Multimedia Tools and Applications	2022	2.57	CSE	Article	Q1
462	Lakhveer Singh	Anaerobic digestion of sugarcane bagasse for biogas production and digestate valorization	Chemosphere	2022	8.94	EVSE	Article	Q1
463	Nimai Mishra	High-Quality CsPbX <sub>3</sub> (X= Cl, Br, or I) Perovskite Nanocrystals Using Ascorbic Acid Post-Treatment: Implications for Light-Emitting Applications	ACS Applied Nano Materials	2022	6.14	CHE	Article	Q1
464	Pankaj Pathak	A comprehensive review on Integrative Approach for Sustainable Management of Plastic Waste and its associated Externalities	Science of the Total Environment	2022	10.75	EVSE	Article	Q1
465	Ranjit Thapa	Structural Metamorphosis and Bands Dislocation of Trirutile NiTa <sub>2</sub> O <sub>6</sub> under Compression	Journal of Physical Chemistry C	2022	4.13	PHY	Article	Q1
466	Jayaseelan Murugaiyan	Progress in Alternative Strategies to Combat Antimicrobial Resistance: Focus on Antibiotics	Antibiotics	2022	3.42	BIO	Article	Q1
467	Soumyajyoti Biswas	Kinetic exchange models of societies and economies	Philosophical Transactions A	2022	4.23	PHY	Article	Q1
468	Amit Kumar Singh	An Adaptive Energy Aware DTN-based Communication Layer for Cyber-Physical Systems	Sustainable Computing: Informatics and Systems	2022	4.02	CSE	ARTICLE	Q1
469	Sabyasachi Chakraborty, Writoban Basu Ball	The Multifarious Applications of Copper Nanoclusters in Biosensing and Bioimaging and Their Translational Role in Early Disease Detection	Nanomaterials	2022	5.71	CHE/BIO	Article	Q1
470	Rajapandiyan Panneerselvam	Microfluidics and surface-enhanced Raman spectroscopy, a win-win combination?	Lab on a Chip	2022	7.51	CHE	Article	Q1

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471	V. M. Manikandan	A Pseudo-random Pixel Mapping with Weighted Mesh Graph Approach for Reversible Data Hiding in Encrypted Image	Multimedia Tools and Applications	2022	2.57	CSE	Article	Q1
472	Kshira Sagar Sahoo	Smart COVID-shield: An IoT Driven Reliable and Automated Prototype for COVID-19 Symptoms Tracking	Computing Journal	2022	2.22	CSE	Article	Q1
473	Shailender Singh	Pro Environmental Purchase Intention Towards Eco-friendly Apparel: Extension of the theory of planned behavior model	Journal of Global Fashion Marketing	2022	0.72	COMMERC E	Article	Q1
474	Shailender Singh	The Dynamics of Public and Private Health Expenditure on Health Outcome in Southeast Asia	Health and Social Care in the Community	2022	2.82	COMMERC E	Article	Q1
475	Priyanka Singh,K. Jyothsna Devi	Region-based Hybrid Medical Image Watermarking Scheme for Robust and Secured Transmission in IoMT	IEEE Access journal	2022	3.47	CSE	Article	Q1
476	Nitul Dutta	An approach for FIB construction and Interest packet forwarding in information centric networks	Future Generation Computer Systems	2022	7.30	CSE	Article	Q1
477	Prateek Gupta	Introgression of a dominant phototropin1 mutant enhances carotenoids and boosts flavour-related volatiles in genome-edited tomato RIN mutants.	New Phytologist	2023	9.40	BIO	Article	Q1
478	Mahesh Kumar Ravva	Computational design of efficient corannulene-based Non-Fullerene acceptors for organic solar cells applications	Journal of Photochemistry and Photobiology A: Chemistry	2023	4.3	CHE	Article	Q1

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479	Deblina Dutta	Applications of deep eutectic solvents in metal recovery from E-wastes in a sustainable way	Journal of Molecular Liquids	2023	6.00	EVSE	Article	Q1
480	Ranjit Thapa	C2 product formation over C1 product and HER on 111 plane of specific Cu alloy nanoparticle identified through multiparameter optimization	Inorganic Chemistry	2023	4.60	PHY	Article	Q1
481	Dr. Manab Kundu	spectrum of quaternion signals associated with quaternion linear canonical transform	Journal of the Franklin Institute	2023	4.10	MATHS	Article	Q1
482	Mahesh Kumar Ravva	Computational design of efficient corannulene-based Non-Fullerene acceptors for organic solar cells applications	Journal of Photochemistry and Photobiology A: Chemistry	2023	4.3	CHE	Article	Q1
483	Kaushik Saha	The DNA glycosylase NEIL2 is protective during SARS-CoV-2 infection	Nature communications	2023	16.60	BIO	Article	Q1
484	Sabyasachi Mukhopadhyay	Polarity-Induced Morphological Transformation with Tunable Optical Output of Terpyridine–Phenanthro[9,10-d]imidazole-Based Ligand and Its Zn(II) Complexes with I–V Characteristics	ACS Omega	2023	4.10	PHY	Article	Q1
485	Jatis Kumar Dash, Mallikarjuna Rao Motapothula, Mahesh Kumar Ravva, Pardha Saradhi Maram, Siddhartha Ghosh	Efficient photocatalytic green hydrogen production using crystalline elemental Boron nanostructures under visible Light	International Journal of Hydrogen Energy	2023	7.20	PHY/CHE	Article	Q1

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486	Siddhant Dash	Perspectives and Understanding on the Occurrence, Toxicity and Abatement Technologies of Disinfection By-products in Drinking Water	Environmental Management	2023	8.70	CIVIL	Article	Q1
487	Ranjit Thapa	Iron phthalocyanine hollow architecture enabled ammonia production via nitrate reduction to achieve 100% Faradaic efficiency	Applied Catalysis B: Environmental	2023	22.10	PHY	Article	Q1
488	Pardha Saradhi Maram	Delineating the importance of simultaneous Zr <sup>4+</sup> doping and ZrO <sub>2</sub> coating on NCM-622 – A pathway to facilitate high-performance cathodes for lithium-ion batteries	Journal of Materials Science	2023	4.50	CHE	Article	Q1
489	Randhir Kumar	A Softwarized Intrusion Detection System for IoT-Enabled Smart Healthcare System	ACM Transactions on Internet of Things (TIOT)	2023	2.70	CSE	Article	Q1
490	A. Lakshmana Rao	Exploring Human Capital's Role in Driving Sustainable Organizational Development in the Era of Internet of Things	IEEE Xplore	2023	3.76	COMMERC E	Article	Q1
491	Swagata Samanta	Development of a simple two-step lithography fabrication process for resonant tunneling diode using air-bridge technology	Journal of Semiconductors	2023	0.00	ECE	Article	Q1
492	Shaik Rajak ,Sunil Chinnadurai	A novel energy efficient IRS-relay network for ITS with Nakagami-m fading channels	ICT Express	2023	5.40	ECE	Article	Q1
493	Pranab Mandal	Flexible multiferroic PVDF/CoFe <sub>2</sub> O <sub>4</sub> composite films for pyroelectric energy conversion	Journal of Materials Science	2023	4.5	PHY	Article	Q1
494	Harish Puppala	Workplace energy conservation index (WECI): A tool for attaining energy conservation at workplace	Energy, Elsevier	2023	9.00	CIVIL	Article	Q1

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495	Priyanka, Jatindra Kumar Dash	Secure Transmission of Medical Images in Multi-cloud e-Healthcare Applications using Data Hiding Scheme	Information Security and Applications	2023	5.60	CSE	Article	Q1
496	Sheetal Yadav	Breaking through Barriers: Empowering Women through Sports in Recent Bollywood Cinema	Quarterly Review of Film and Video	2023	0.00	LITERATURE AND LANGUAGES	Article	Q1
497	Priyanka	Robust and Secure Medical Image Watermarking for Edge-enabled e-Healthcare	IEEE Access	2023	3.90	CSE	Article	Q1
498	Rangabhashiyam Selvasembian	Recent advances in the adsorptive removal of 2,4-dichlorophenoxyacetic acid from water	Journal of Water Process Engineering	2023	7.00	EVSE	Article	Q1
499	Kousik Das,Deep Raj	Microplastics in groundwater: An overview of source, distribution, mobility constraints and potential health impacts during the anthropocene	Groundwater for Sustainable Development	2023	5.90	EVSE	Article	Q1
500	Randhir Kumar	Secure Data Dissemination Scheme for Digital Twin Empowered Vehicular Networks in Open RAN	IEEE Transactions on Vehicular Technology	2023	6.80	CSE	Article	Q1
501	Ranjit Thapa	Modulated Ultrathin NiCo-LDH Nanosheet Decorated Zr <sup>3+</sup> Rich Defective NH <sub>2</sub> -UiO-66, Nanostructure For Efficient Photocatalytic Hydrogen Evolution	ACS Applied Materials & Interfaces	2023	9.50	PHY	Article	Q1
502	Pranab Mandal,Pradyut Kumar Sanki	Carbon Nanotube Assisted Device Performance Improvement in a Flexible Piezoceramic-Polymer Hybrid Nanogenerator	ACS Applied Electronic Materials	2023	4.49	PHY/ECE	Article	Q1
503	Mahesh Kumar Ravva	Oxidative Aminopyridylation of Maleimides and 1, 4-quinones with N-Aminopyridinium	Advanced synthesis & Catalysis	2023	5.40	CHE	Article	Q1

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		Ylides at room temperature in absence of any external reagents						
504	Murali Krishna Enduri	Identifying and Ranking of Best Influential Spreaders with Improved Mixed Centrality Method.	IEEE Access	2023	3.37	CSE	Article	Q1
505	Neeraj Kumar Sharma	A Novel Energy Efficient Multi-Dimensional Virtual Machines Allocation and Migration at the Cloud Data Center	IEEE Access	2023	3.90	CSE	Article	Q1
506	Saikat Sinha Ray	Leveraging ChatGPT and Bard: What does it convey for water treatment/desalination and harvesting sectors?		2023	9.90	EVSE	Article	Q1
507	Sabyasachi Chakraborty	"A review on the role of nanotechnology in the development of near-infrared photodetectors: materials, performance metrics, and potential applications"	Journal of Materials Science,	2023	4.2	CHE	Article	Q1
508	Raja mangalgiri, jammy	Sidewall effects in laminar ramp induced shockwave boundary layer interactions	Computers and fluids	2023	2.8	MECH	Article	Q1
509	KVNS Raviteja	Integrating artificial intelligence, machine learning, and deep learning approaches into remediation of contaminated sites: A review	Chemosphere	2023	8.80	CIVIL	Article	Q1
510	Amit Chakraborty	Flavon signatures at the HL-LHC	Physical Review D	2023	5.40	PHY	Article	Q1
511	V Sateeshkrishna Dhuli, Murali Krishna Enduri	ICDC: Ranking Influential Nodes in Complex Networks based on Isolating and Clustering Coefficient Centrality Measures	IEEE Access	2023	3.90	CSE&ECE	Article	Q1
512	Sumalatha Saleti	Optimizing Fetal Health Prediction: Ensemble Modeling with Fusion of Feature Selection and Extraction Techniques for Cardiotocography Data	Computational biology and chemistry	2023	3.10	CSE	Article	Q1

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513	Gangireddy Salla	Magnetoelectric Coupling Optimization in Lead-free Ba <sub>0.85</sub> Ca <sub>0.15</sub> Zr <sub>0.1</sub> Ti <sub>0.9</sub> O <sub>3</sub> and Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Nanocomposites for Magneto-Mechano-Electric Generator	Ceramic International	2023	5.50	PHY	Article	Q1
514	Rangabhashiyam Selvasembian	Recent progress on the remediation of dyes in wastewater using cellulose-based adsorbents	Industrial Crops and Products	2023	5.90	EVSE	Article	Q1
515	Harish Puppala	Can offshore wind energy help to attain carbon neutrality amid climate change? A GIS-MCDM based analysis to unravel the facts using CORDEX-SA	Renewable Energy	2023	8.70	Civil	Article	Q1
516	Jatindra Kumar Dash	Deep semantic feature reduction for efficient remote sensing Image Retrieval	IEEE Access	2023	3.36	CSE	Article	Q1
517	Narendra Singh Yadav	Efficient Parameter-Robust Numerical Methods for Singularly Perturbed Semi Linear Parabolic PDEs of Convection-Diffusion Type	Numerical Algorithms	2023	2.20	MATHS	Article	Q1
518	Karthik Rajendran	Environmental impacts and effects on greenhouse gas emissions in shrimp feed production system for aquaculture – A case study in India	Environmental Research	2023	8.30	EVSE	Article	Q1
519	Karthikeyan, Sunil Chinnadurai	Seismic Data Reconstruction Based on Double Sparsity Dictionary Learning with Structure Oriented Filtering	IEEE Journal of selected topics in applied earth observation and remote sensing	2023	5.50	ECE	Article	Q1
520	Prakash Jadhav	Microstructure Image Based Finite Element Methodology to Design Abradable Coatings for Aero Engines	Aerospace	2023	2.66	MECH	Article	Q1
521	Divya Chaturvedi	A QMSIW Cavity-backed Self-Diplexing Antenna with Tunable Resonant Frequency using CSRR Slot	IEEE Antenna and wireless propagation Letters	2023	4.20	ECE	Article	Q1



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522	Balaji Babu	The photodynamic activity properties of a series of structurally analogous tetraarylporphyrin, chlorin and N-confused porphyrin dyes and their Sn(IV) complexes	Photodiagnosis and Photodynamic Therapy	2023	3.30	CHE	Article	Q1
523	Soni Wadhwa	The Question of Script for Sindhi in India: Reflections on Postcolonial Grammatology	Interventions: International Journal of Postcolonial Studies	2023	0.70	LITERATURE AND LANGUAGES	Article	Q1
524	Rangabhashiyam Selvasembian	Mechanistic insights of nitrate removal by MgFe/layered double hydroxides prepared by different synthesis pathways	Applied Surface Science Advances	2023	6.20	EVSE	Article	Q1
525	Ranjit Thapa	Octahedral Pd <sub>3</sub> Cu <sub>7</sub> Catalysts on Diverse Support Materials for Efficient Hydrogen Evolution: Theoretical Investigation and Mechanistic Perspective	ACS Applied Materials & Interfaces	2023	9.50	PHY	Article	Q1
526	Anusha Nalajala	Application and User-Specific Data Prefetching and Parallel Read Algorithms for Distributed File System	Cluster Computing	2023	4.40	CSE	Article	Q1
527	Sriramulu Bojjagani, Neeraj Kumar Sharma	The Use of IoT-based Wearable Devices to Ensure Secure Lightweight Payments in FinTech Applications	Journal of King Saud University - Computer and Information Science	2023	6.90	CSE	Article	Q1
528	Karthik Rajendran	Sustainable Conversion of Biowaste to Energy to Tackle the Emerging Pollutants: A Review	Current Pollution Reports	2023	8.09	EVSE	Article	Q1
529	Busi Kumar Babu	Potential impact of various surface ligands on the cellular uptake and biodistribution characteristics of red, green, and blue emitting Cu nanoclusters	RSC Advances	2023	3.90	BIO	Article	Q1
530	Dr. Narendra Singh Yadav	Efficient Parameter-Robust Numerical Methods for Singularly Perturbed Semilinear Parabolic PDEs of Convection-Diffusion Type	Numerical Algorithms	2023	2.20	MATHS	Article	Q1

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531	Dr. Randhir Kumar	Blockchain-based Authentication and Explainable AI for Securing Consumer IoT Applications	IEEE Transactions on Consumer Electronics	2023	4.30	CSE	Article	Q1
532	Jayasree Subramanian	On whose tongue will the goddess write, in whose tongue will the state speak? Mathematics Education, Tamil language, and the caste question in India	ZDM- Mathematics education	2023	2.48	MATHS	Article	Q1
533	Karthik Rajendran	Economic viability of two-stage biohydrogen and biomethane production from cassava stillage residue focusing on solids content and pretreatment	International Journal of Hydrogen Energy	2023	7.20	EVSE	Article	Q1
534	Jatis Kumar Dash	Polyaniline-Based Ink for Inkjet Printing for Supercapacitors, Sensors, and Electrochromic Devices	Energies	2023	3.20	PHY	Article	Q1
535	Soumyajyoti Biswas	Critical scaling through Gini index	Physical Review Letters	2023	8.60	PHY	Article	Q1
536	Rangabhashiyam Selvasembian	Sustainable valorization approaches on crustacean wastes for the extraction of chitin, bioactive compounds and their applications - A review	International Journal of Biological Macromolecules	2023	8.20	EVSE	Article	Q1
537	Soni Wadhwa	Cochin in Sethu's Aliyah: Provincializing Jewish Identity	Journal of Modern Jewish Studies	2023	0.81	LITERATURE AND LANGUAGES	Article	Q1
538	S. Mannathan	Regioselective Synthesis of 3-Substituted Isocoumarin-1-imines via Palladium-Catalyzed Denitrogenative Transannulation of 1,2,3-Benzotriazin-4(3H)-ones and Terminal Alkynes	Chemistry Asian Journal	2023	4.10	CHE	Article	Q1

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539	Musah Mohammed Saeed	Financial management practices, competitive advantage and loan performance of selected microfinance institutions (MFIs) in Ghana	Business Strategy & Development	2023	3.00	MANAGEMENT	Article	Q1
540	Harish Puppala	New technology adoption in rural areas of emerging economies: The case of rainwater harvesting systems in India	Technological Forecasting and Social Change, Elsevier	2023	12.00	CIVIL	Article	Q1
541	Karthik Rajendran	Bioenergy with carbon capture, storage and utilization: Potential technologies to mitigate climate change	Biomass and Bioenergy	2023	6.00	EVSE	Article	Q1
542	Ashok Kumar Pradhan	LS-AKA: A Lightweight and Secure Authentication and Key Agreement Scheme for enhanced Machine Type Communication Devices in 5G Smart Environment	Sustainable Energy Technologies and Assessments	2023	8.00	CSE	Article	Q1
543	Laxmi Narayana Patro	Nitrogen Doped Soap-Nut Seeds Derived Hard Carbon as an Efficient Anode Material for Na-ion Batteries	Journal of Alloys and Compounds	2023	6.20	PHY	Article	Q1
544	Juman Iqbal	Unleashing the missing link between neuroticism and compliance behavior among quick service restaurant employees	International Journal of Hospitality Management	2023	11.70	MANAGEMENT	Article	Q1 ABDCA*
545	Dr Shuvendu Rana	3D Video watermarking for MVD based view-synthesis and RST attack	Multimedia Tools and Applications	2023	3.60	CSE	Article	Q1
546	Sabyasachi Chakraborty	Developing highly reliable SERS substrates based on Ag grown on alumina nanomeshes anodized under 1 V for efficiently sensing Raman-active molecules	Sensors and Actuators B: Chemical	2023	8.40	CHE	Article	Q1
547	Syed Tajammul Ahmad	Monolithically Integrated Optical Frequency Comb Generator based on Mutually Injection Locked Gain Switched Lasers	IEEE Journal of Selected Topics in Quantum Electronics	2023	4.90	ECE	Article	Q1

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548	Karthikeyan E	Deep Convolutional Neural Network with Attention module for Seismic Impedance Inversion	IEEE Journal of selected topics in applied earth observation and remote sensing	2023	5.50	ECE	Article	Q1
549	Ranjit Thapa	Interfacially stacked covalent porous polymer on graphene favors electronic mobility: Ensuring accelerated oxygen reduction reaction kinetics by in situ study	Journal of Materials Chemistry A	2023	11.90	PHY	Article	Q1
550	Priyanka S	Enabling Secure Image Transmission in Unmanned Aerial Vehicle using Digital Image Watermarking with H - Grey Optimization	Expert Systems with Applications	2023	8.50	CSE	Article	Q1
551	Murali Krishna Enduri	Aspects of effectiveness and significance: The use of machine learning methods to study CuIn1-xGaxSe2 solar cells	Solar Energy	2023	6.70	CSE	Article	Q1
552	Veeravel. V, Kamal Sai Sadharma, Kamaiah Bandi	Do ESG Disclosures lead to superior Firm Performance? A Method-of-Moments Panel Quantile Regression Approach	Corporate Social Responsibility and Environmental Management	2023	9.80	MANAGEMENT/ECO	Article	Q1
553	Ranjit Thapa	Controlling Metal-Ligand Coordination Environment of Manganese Phthalocyanine in 1D-2D Heterostructure for Enhancing Nitrate Reduction to Ammonia	ACS Catalysis	2023	12.90	PHY	Article	Q1
554	Anirban Ghosh, Satish Kumar Tiwari	Energy-Efficient and QoS-Aware Data Transfer in Q-Learning-Based Small-World LPWANS	IEEE Internet of Things	2023	0.00	ECE	Article	Q1
555	Ranjit Thapa	Bond Exchange Mechanism: Unveiling the Volmer-Tafel Pathway and an Electronic Descriptor for Predicting Hydrogen Evolution Reaction (HER) Activity of Borophene	ACS Applied Energy Materials	2023	6.40	PHY	Article	Q1
556	Deblina Dutta, Debajyoti Kundu	Face masks: a COVID-19 protector or environmental contaminant?	Environmental Science and Pollution Research	2023	5.80	EVSE	Article	Q1

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557	Harish Puppala	Barriers to the adoption of new technologies in rural areas: The case of unmanned aerial vehicles for precision agriculture in India	Technology in Society	2023	9.20	CIVIL	Article	Q1
558	Randhir Kumar	Digital Twin-driven SDN for Smart Grid: A Deep Learning Integrated Blockchain for Cybersecurity	Solar Energy	2023	6.70	CSE	Article	Q1
559	Ranjit Thapa	Engineering hydrophobic-aerophilic interface to boost N <sub>2</sub> diffusion and reduction through functionalization of fluorine	CHEMICAL SCIENCE	2023	8.40	PHY	Article	Q1
560	Abinash Pujahari	Modelling Users' Preference Changes in Recommender Systems via Time-Dependent Markov Random Fields	Expert Systems with Applications	2023	8.50	CSE	Article	Q1
561	HARISH PUPPALA, MANOJ K ARORA	GIS-MCDM based framework to evaluate site suitability and CO <sub>2</sub> mitigation potential of earth-air-heat exchanger: A case study	Renewable Energy, Elsevier	2023	8.70	CIVIL	Article	Q1
562	Ravi Kuma	Multi-wavelength imaging with extended depth of field using coded apertures and radial quartic phase functions	Optics and Lasers in Engineering	2023	4.60	PHY	Article	Q1
563	Amit Chakraborty	Tagging a boosted top quark with a tau final state	Physical Review D	2023	5.40	PHY	Article	Q1
564	Ranjit Thapa	Functionalized Silver Nanocubes for the Detection of Hazardous Analytes through SERS: Experimental and Computational Studies	ACS Sustainable Chemistry & Engineering	2023	8.40	PHY	Article	Q1
565	C. Durga Rao	Picolinic acid is a broad-spectrum inhibitor of enveloped virus entry that restricts SARS-CoV-2 and influenza A virus in vivo.	Cell Reports Medicine	2023	16.99	BIO	Article	Q1
566	Dr. Subhasree Dutta	Effect of hybrid nanoparticles on conjugate mixed convection of a viscoplastic fluid in a	Alexandria Engineering Journal	2023	6.63	MATHS	Article	Q1

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		ventilated enclosure with wall mounted heated block						
567	Vigneswaran V.S	Energy, exergy, economic and environmental evaluation of solar desalination system comprising different enhanced surface absorber plates	Desalination	2023	9.90	EVSE	Article	Q1
568	Mahesh Kumar Ravva	Metal-free synthesis of N-sulfonyl imines from benzyl alcohol derivatives and iminoiodinanes via mechanochemistry	Organic & Biomolecular Chemistry	2023	3.20	CHE	Article	Q1
569	Ravi Kumar,Gangi Reddy Salla	3D incoherent imaging using an ensemble of sparse self-rotating beams	Optics Express	2023	3.80	PHY	Article	Q1
570	Laxminarayana Patro	Li-ion Transport Studies of NASICON-type $\text{LiZr}_2(\text{PO}_4)_3$ Solid Electrolyte Crystallizing in Rhombohedral Structure at Room Temperature	Surfaces and Interfaces	2023	6.20	PHY	Article	Q1
571	Ramanjaneya Reddy,Tousif Khan Nizam,Aswini Patakamoori	An Efficient Soft-Switched LED Driver for Street Lighting Applications with Input Regulation	IEEE Journal of Emerging and Selected Topics in Power Electronics	2023	5.50	EEE	Article	Q1
572	Siddhant Dash	Ecological and health risk assessment associated with translocation of heavy metals in <i>Lycopersicon esculentum</i> from farmland soil treated with different composts	Journal of Environmental Management	2023	8.70	CIVIL	Article	Q1
573	Ashu Abdul	Discriminant Transform Analysis for Synovial Sarcoma Detection and classification using Deep Convolutional Neural Networks	Computer Communications	2023	6.00	CSE	Article	Q1

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574	Ranjit Thapa	Advanced electrocatalysts for NRR and HER: Experimental and computational design and development	Catalysis Today	2023	5.30	PHY	Article	Q1
575	Rangabhashiyam Selvasembian,	An overview on cellulose-supported photocatalytic materials for the efficient removal of toxic dyes	Industrial Crops and Products	2023	5.90	EVSE	Article	Q1
576	Rangabhashiyam Selvasembian,	Pharmaceuticals in wastewater and their photocatalytic degradation using nano-enabled photocatalysts	Journal of Water Process Engineering	2023	7.00	EVSE	Article	Q1
577	V.S. Vigneswaran	Enhancement of passive solar still yield through impregnating water jackets on side walls—A comprehensive study	Solar Energy	2023	6.70	EVSE	Article	Q1
578	Kamatham Narayanaswamy	Investigation of Charge Transport Properties in a 2D Dion-Jacobson Halide Perovskite Based on Terphenyl Dications	ACS Materials Letters	2023	11.40	CHE	Article	Q1
579	Debajyoti Kundu,Deblina Dutta	Chemistry of CO <sub>2</sub> -philic materials in enzyme-based hybrid interfacial systems: Implications, strategies and applications	Fuel Processing Technology	2023	7.50	EVSE	Article	Q1
580	Gangi Reddy Salla	Intensity correlations in perturbed optical vortices: Diagnosis of the topological charge	Waves in Random and Complex Media	2023	5.20	PHY	Article	Q1
581	Harish Puppala	Challenges and opportunities in the production of sustainable hydrogen from lignocellulosic biomass using microwave-assisted pyrolysis: A review	International Journal of Hydrogen Energy	2023	7.20	CIVIL	Article	Q1
582	S. Sumalatha	An Efficient Ensemble-based Machine Learning for Breast Cancer Detection	Biomedical signal processing and control	2023	5.10	CSE	Article	Q1
583	Pankaj Bhalla	Quantum kinetic theory of nonlinear thermal current	Physical Review B	2023	3.70	PHY	Article	Q1

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584	Nimai Mishra	Decoration of boron nanoparticles on a graphene sheet for ammonia production from nitrate	Nanoscale	2023	8.30	CHE	Article	Q1
585	Tamoghna Ojha	Wireless Power Transfer with Unmanned Aerial Vehicles: State of the Art and Open Challenges	Pervasive and Mobile Computing	2023	3.84	CSE	Article	Q1
586	Tousif Khan	Intelligent Identification and Classification of Diabetic Retinopathy using Fuzzy Inference System	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	2023	1.66	EEE	Article	Q1
587	Pranab Mandal	Improved pyroelectric effect in PVDF/BaTiO <sub>3</sub> composite flexible films mediated by enhanced $\beta$ – PVDF phase formation	Journal of Polymer Research	2023	3.05	PHY	Article	Q1
588	Ranjit Thapa	Halide Tunability Leads to Enhanced Biomechanical Energy Harvesting in Lead-free Cs <sub>2</sub> SnX <sub>6</sub> -PVDF Composites	ACS Applied Materials and Interface	2023	10.38	PHY	Article	Q1
589	Abinash Pujahari	Ordinal Consistency based Matrix Factorization model for Exploiting Side Information in Collaborative Filtering	Information Sciences	2023	8.23	CSE	Article	Q1
590	Mrityunjay Singh	Quantum safe secure and authorized communication protocol for internet of dornes	IEEE Transaction of Vehicular Technolog	2023	6.24	CSE	Article	Q1
591	Vimal Babu	Human resource analytics revisited: A systematic literature review of its adoption, global acceptance and implementation	Benchmarking: an International Journal	2023	5.90	MANAGEMENT	Article	Q1,abdc-B
592	Raviteja KVNS	Probabilistic Slope Stability Analysis of Coal Mine Waste Rock Dump	Geotechnical and Geological Engineering Journal	2023	2.00	CIVIL	Article	Q1
593	Ranjit Thapa	Dual Vacancy Passivation in CsPbCl <sub>3</sub> Perovskite Nanocrystals: Implications on Optoelectronic Applications	ACS Applied Nano Materials	2023	6.14	PHY	Article	Q1



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594	S.Sumalatha,Jayal akshmi T	Heart Disease Prediction using Novel Quine McCluskey Binary Classifier (QMBC)	IEEE Access	2023	3.40	CSE	Article	Q1
595	Ranjit Thapa	Selective Electrocatalytic Oxidation of Nitrogen to Nitric Acid Using Manganese Phthalocyanine	ACS Applied Materials and Interface	2023	10.383	PHY	Article	Q1
596	Sanjay Kumar	Entropy-based adaptive color image watermarking technique in YCbCr color space	Multimedia Tools and Applications	2023	2.57	CSE	Article	Q1
597	Anil K Suresh, Jayaseelan	Sustainable exsclar monodispersed gold nanoparticles with enhanced dispersion stabilities and biocompatibility for theragnostics	ACS-Applied Nano Materials	2023	6.01	BIO	Article	Q1
598	Rangabhashiyam S	Bi-rich BixOyBrz-based photocatalysts for energy conversion and environmental remediation: A review	Coordination Chemistry Reviews	2023	24.83	EVSE	Article	Q1
599	Soumyajyoti Biswas	Inequality of avalanche sizes in models of fracture	Physical Review E	2023	2.70	PHY	Article	Q1
600	Karthik Rajendran	Advanced approaches for resource recovery from wastewater and activated sludge: A review	Bioresource Technology	2023	11.88	EVSE	Article	Q1
601	Laxminarayana Patro	Magnetic properties of Mn/Co substituted nano and bulk Ni-Zn ferrites: A comparative study	Materials Chemistry and Physics	2023	4.77	PHY	Article	Q1
602	Javid Ahmad Dar	Mountains as climate change refugia in the tropical dry forests of Central India	Diversity and Distributions	2023	5.72	EVSE	Article	Q1
603	B. Lokeshgupta	Optimal DG Planning incorporating Energy Management for an Economical and Resilient Smart Distribution System	IEEE Transactions on Industry Applications	2023	4.07	EEE	Article	Q1

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604	Satheesh Ellipilli	Emergence of Small Interfering RNA-Based Gene Drugs for Various Diseases	ACS Omega	2023	4.13	CHE	Article	Q1
605	Ranjit Thapa	Origin of high stability, enhanced specific capacity and low Li diffusion energy in Boron doped Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub>	Journal of Energy Storage	2023	8.90	PHY	Article	Q1
606	A. Ghosh	Vehicle to Vehicle Path Loss Modeling at Millimeter Wave Band for Crossing Cars	IEEE Antenna and Wireless Propagation Letters	2023	3.80	ECE	Article	Q1
607	Pradeep Rathore	Working capital and firm performance: role of COVID-19 disruption	International Journal of Productivity and Performance Management	2023	0.00	MANAGEMENT	Article	Q1,abdc-B
608	Abinash Pujahari	Ordinal Consistency based Matrix Factorization model for Exploiting Side Information in Collaborative Filtering	Information Sciences (Elsevier)	2023	8.23	CSE	Article	Q1
609	Mannathan	Convenient Synthesis of Salicylanilide Sulfonates from 1,2,3-Benzotriazin-4(3H)-ones and Organosulfonic Acids via Denitrogenative Cross-Coupling	ACS Omega	2023	4.13	CHE	Article	Q1
610	Siddhanth Dash	Association of microplastics with heavy metals and antibiotic resistance bacteria/genes in natural ecosystems - A perspective through science mapping approach	Groundwater for Sustainable Development	2023	1.08	CIVIL	Article	Q1
611	Rangabhashiyam Selvasembian	An overview on ZnO-based sonophotocatalytic mitigation of aqueous phase pollutants	Chemosphere	2023	8.94	EVSE	Article	Q1
612	Rangabhashiyam Selvasembian	Enhanced adsorptive removal of hexavalent chromium in aqueous media using chitosan-modified biochar: Synthesis, sorption mechanism, and reusability	Environmental Research	2023	8.43	EVSE	Article	Q1

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613	Rangabhashiyam Selvasembian	Environmental sustainability of toxic arsenic ions removal from wastewater using electrodeionization	Separation and Purification Technology	2023	9.14	EVSE	Article	Q1
614	Karthik Rajendran	Poly(3-hydroxybutyrate) production from industrial hemp waste pretreated with a chemical-free hydrothermal process	Bioresource Technology	2023	11.80	EVSE	Article	Q1
615	Balaji Babu	Sn(IV)-porphyrinoids for photodynamic anticancer and antimicrobial chemotherapy	Dalton Transactions	2023	4.57	CHE	Article	Q1
616	Balaji Babu	The Photodynamic Anticancer and Antibacterial Activity Properties of a Series of meso-Tetraarylchlorin Dyes and Their Sn(IV) Complexes	Molecules	2023	4.93	CHE	Article	Q1
617	Anirban Ghosh	THz Channel Sounding and Modeling Techniques: An Overview	IEEE Access	2023	3.37	ECE	Article	Q1
618	Anirban Ghosh	Validation of 300 GHz Channel Sounder Through Indoor Multipath Measurements	IEICE Communication Express	2023	1.40	ECE	Article	Q1
619	Rajiv Senapati,K. V. N. S.Raviteja	Machine learning modelling of tensile force in anchored geomembrane liners	Geosynthetics International	2023	4.56	CSE	Article	Q1
620	Tapas Kumar Mishra	Adaptive Congestion Control Mechanism to Enhance TCP Performance in Cooperative IoV	IEEE Access	2023	0.00	CSE	Article	Q1
621	Harish Puppala	E-Leadership Is Un (usual): Multi-Criteria Analysis of Critical Success Factors for the Transition from Leadership to E-Leadership	Sustainability	2023	3.25	CIVIL	Article	Q1
622	Writoban Basu Ball, Lavanya Vadupu	Methylglyoxal-mediated Gpd1 activation restores the mitochondrial defects in a yeast model of mitochondrial DNA depletion syndrome	Biochim Biophys Acta Gen Subj.	2023	4.12	BIO	Article	Q1
623	C Durga Rao	Detecting Tomato Leaf Curl New Delhi Virus Causing Ridge Gourd Yellow Mosaic Disease,	Plants (Basel)	2023	4.60	BIO	Article	Q1

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		and Other Begomoviruses by Antibody-Based Methods						
624	Pankaj Pathak	Cathodic Catalysts for Microbial Electrolysis Cell to Produce Biohydrogen	ACS Symposium Series	2023	0.00	EVSE	Book chapter	Q1
625	Pankaj Pathak	Transition Metal-Based Electrocatalysts: Applications in Green Hydrogen Production and Storage	ACS Symposium	2023	0.00	EVSE	BOOK	Q1
626	B. Lokeshgupta	Coordinated Smart Home Energy Sharing with a Centralized Neighbourhood Energy Management	Sustainable Cities and Society	2023	10.69	EEE	Article	Q1
627	D Narayana Rao	Characteristics of Elevated Aerosol Layer over the Indian East Coast Kattankulathur (12.82 N; 80.04 E): A Northeast Monsoon Region	Science of the Total Environment	2023	10.75	PHY	Article	Q1
628	Pardha Saradhi Maram	Modified Ceramic Coated Polyethylene Separator – A Strategy for Using Lithium Metal as Anode with Superior Electrochemical Performance and Thermal Stability	Journal of Energy Storage	2023	8.90	CHE	Article	Q1
629	Gangi Reddy Salla & Ravi kumar	Multiuser non-linear optical crypto system based on polar decomposition and fractional vortex speckle pattern	Photonics	2023	2.54	PHY	Article	Q1
630	Rajapandiyan Panneerselvam	Intelligent convolution neural network-assisted SERS to realize highly accurate identification of six pathogenic Vibrio	Chemical Communications	2023	6.00	CHE	Article	Q1
631	Prakash Jadav	Bird strike analysis on hybrid composite fan blade: Blade level validation	Journal Aerospace	2023	2.66	MECH	Article	Q1
632	Priyanka S, Tousif Khan N	An overview of different models of AI in the context of using solar energy	IEEE Transactions on Pattern Analysis and Machine Intelligence journal	2023	24.31	CSE/EEE	Article	Q1

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633	Karthik Rajendran	Economic perspectives and policy insights on carbon capture, storage, and utilization for sustainable development	Science of the Total Environment	2023	10.75	EVSE	Article	Q1
634	Tousif Khan, Ramanjaneya Reddy , Arghya Chakravarty , Priyanka	Adaptive Neural Network Control of DC-DC Power Converter	Expert Systems and Applications Journal	2023	8.67	EEE/CSE	Article	Q1
635	Ravi Kumar	Enhanced Design of Multiplexed Coded Masks for Fresnel Incoherent Correlation Holography	Nature portfolio journal	2023	5.00	PHY	Article	Q1
636	Deblina Dutta	A critical review and future perspective of plastic waste recycling	Science of the Total Environment	2023	10.75	EVSE	Article	Q1
637	Karthik Rajendran	Life cycle assessment of comparing different nutrient recovery systems from municipal wastewater: A path towards self-reliance and sustainability	Journal of Cleaner Production	2023	11.07	EVSE	Article	Q1
638	mahalakshmi Mudliar, Manisha Kumari	CORPORATE SOCIAL RESPONSIBILITY AND FINANCIAL PERFORMANCE NEXUS: EMPIRICAL EVIDENCE FROM GHANA	Corporate Social Responsibility and Environmental Management	2023	8.46	MANAGEMENT	Article	Q1
639	Manjunatha Thondamal	PHLPP1 regulates PINK1-parkin signalling and life span	Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease	2023	6.63	BIO	Article	Q1
640	Mahesh Kumar Ravva	Application of Newly Designed Y-Series Nonfullerene Acceptors for High-Efficient Organic Solar Cells	Advanced Theory and Simulations	2023	4.10	CHE	Article	Q1
641	Sonalu Mondal	Linear spring model to analyse the effect of interfacial imperfection on the propagation and attenuation of Love-type waves in viscoelastic-FGPM bedded structure	Mathematics and Mechanics of Solids" (Sage)	2023	2.72	MATHS	Article	Q1

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642	Satyam Verma	Characterization of Spatial–Temporal Distribution of Forest Fire in Chhattisgarh, India, Using MODIS-Based Active Fire Data	Sustainability	2023	3.89	EVSE	Article	Q1
643	Ranjit Thapa	Oxide Foam as an Efficient Catalyst for Fixation of CO <sub>2</sub> into Oxazolidinone: An Experimental and Theoretical Approach	ACS Applied Materials & Interfaces	2023	10.38	PHY	Article	Q1
644	Amit Chakraborty	Fat b-Jet Analyses Using Old and New Clustering Algorithms in New Higgs Boson Searches at the LHC	European Physical Journal C	2023	4.59	PHY	Article	Q1
645	Nimai Mishra	Charge Transfer in Amine-Free CsPbBr <sub>3</sub> Perovskite Nanocrystals and Organic Hole-Acceptor Hybrid Structures	ACS Applied Nano Materials	2023	6.14	CHE	Article	Q1
646	Karthik Rajendran	A comprehensive review on thermochemical, and biochemical conversion methods of lignocellulosic biomass into valuable end product	Fuel	2023	8.03	EVSE	Article	Q1
647	Harish Puppala	Pavement monitoring using unmanned aerial vehicles: an overview	ASCE (American Society of Civil Engineers)	2023	2.27	CIVIL	Article	Q1
648	Ranjit Thapa	Integrating Ultra-small Pd NPs into Core-shell Imidazolate Frameworks for Photocatalytic Hydrogen and MeOH Production	Inorganic Chemistry	2023	5.43	PHY	Article	Q1
649	Ranjit Thapa	Ultrathin 2D NiCo-LDH nanosheet decorated NH <sub>2</sub> -UiO-66 MOF-nanocomposite with exceptional chemical Stability for electrocatalytic water splitting	Journal of Materials Chemistry A	2023	14.51	PHY	Article	Q1
650	Deblina Dutta	Landfill: An eclectic review on structure, reactions and remediation approach	Waste Management	2023	8.81	EVSE	Article	Q1

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651	Karthikeyan	Simultaneous Seismic Data Denoising and Reconstruction with Attention based Wavelet-Convolutional Neural Network	IEEE Transactions on Geosciences and Remote Sensing	2023	8.10	ECE	Article	Q1
652	Karthik Rajendran	Production of biochar from tropical fruit tree residues and ecofriendly applications – A review	Bioresource Technology	2023	11.88	EVSE	Article	Q1
653	Pranab Mandal	Probing oxide ion conductivity in Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -BiFeO <sub>3</sub> -BaTiO <sub>3</sub> -based ferroelectric materials	ACS Applied Energy Materials	2023	6.95	PHY	Article	Q1
654	Manikandan V M	A Prediction Error based Reversible Data Hiding Scheme in Encrypted Image using Block Marking and Cover Image Pre-Processing	Multimedia Tools and Applications, Springer journal	2023	2.52	CSE	Article	Q1
655	Ranjit Thapa	Elucidating the oxygen reduction reaction kinetics on defect engineered nanocarbon electrocatalyst: In-terplay between N-dopant and defect sites	Journal of Materials Chemistry A	2023	14.51	PHY	Article	Q1
656	Karthik Rajendran,Vignes waran	How does techno-economic analysis and lifecycle assessment help in commercializing the biohydrogen supply chain?	Fuel	2023	8.03	EVSE	Article	Q1
657	Ramanjaneya Reddy,Tousif Khan	Development of Enhanced Direct Torque Control for Surface-mounted Permanent Magnet Synchronous Motor Drive Operation	IET Power Electronics	2023	2.11	EEE	Article	Q1
658	Pankaj Bhalla	Quantum kinetic theory of nonlinear optical currents: Finite Fermi surface and Fermi sea contributions	Physical Review B	2023	3.90	PHY	Article	Q1
659	Laxminarayana Patro	Mechanochemical Synthesis and Fluoride Ion Conductivity Studies in SrSnF <sub>4</sub> Polymorphs	The Journal of Physical Chemistry C	2023	4.17	PHY	Article	Q1
660	Ranjit Thapa	Design and fabrication of cobaltx nickel(1-x) telluride microfibers on nickel foam for battery type supercapacitor and OER study	Materials Today Chemistry	2023	7.61	PHY	Article	Q1

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661	Bharadwaj Sivakumaran,RM Harindranath	Public Service Announcements: A Literature Review and Way Forward	International Journal of Consumer Studies	2023	7.10	MANAGEMENT	Article	Q1,abdc-A
662	Kshira Sagar Sahoo	A Distributed Fuzzy Optimal Decision Making Strategy for Task Offloading in Edge Computing Environment	IEEE Access	2023	3.50	CSE	Article	Q1
663	Baswanth Oruganti	Molecular dynamics and absolute binding free energy studies of piperine derivatives as potential inhibitors of SARS-CoV-2 main protease	Journal of Biomolecular Structure and Dynamics	2023	5.23	CHE	Article	Q1
664	Mahesh Kumar Ravva	Modulating the strength of acceptor in D-A-D type hole transport materials for efficient inverted perovskite solar cells	Chemical Physics	2023	4.30	CHE	Article	Q1
665	Mahesh Kumar Ravva	Improving the TADF in Corannulene-Based Emitters via Tuning the Strength of Donor and Acceptor Groups	Advanced Theory and Simulations	2023	4.10	CHE	Article	Q1
666	Ranjit Thapa	Optimizing CO <sub>2</sub> RR selectivity on Single Atom Catalysts using Graphical Construction and Identification of Energy Descriptor	CARBON	2023	11.30	PHY	Article	Q1
667	Ranjit Thapa	Design and Fabrication of Nickel Lanthanum Telluride Microfibers for Redox Additive Electrolyte-Based Flexible Solid-State Hybrid Supercapacitor	Journal of Energy Storage	2023	8.90	PHY	Article	Q1
668	Laxmi Narayana Patro	Ordered LiFe <sub>5</sub> O <sub>8</sub> Thin Films Prepared By Pulsed Laser Deposition as an Anode Material for All-Solid Thin Film Batteries	Electrochimica Acta	2023	7.33	PHY	Article	Q1
669	Deep Raj	Critical assessment of approach towards estimation of microplastics in environmental matrices	Land and Degradation Journal	2023	4.37	EVSE	Article	Q1
670	Ranjit Thapa	Strengthening the Metal Centre of Co-N <sub>4</sub> Active Sites in 1D-2D Heterostructure for	ACS Sustainable Chemistry & Engineering	2023	9.22	PHY	Article	Q1



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		Nitrate and Nitrogen Reduction Reaction to Ammonia						
671	Siva Sankar Y	COVID-19 diagnosis: A comprehensive review of pre-trained deep learning models based on feature extraction algorithm	Results in Engineering	2023	4.06	ECE	Article	Q1
672	Priyanka Singh	Swarm-based hybrid optimization algorithms: an exhaustive analysis and its applications to electricity load and price forecasting	soft computing	2023	3.73	CSE	Article	Q1
673	Manish Kumar Pandey	Koecher--Maass series have infinitely many critical zeros	Bull. London Math. Soc	2023	2.39	MATHS	Article	Q1
674	Mohd Danish Kirmani,Md. Asadul Haque	Food-Leftover Sharing Intentions of Consumers: An Extension of the Theory of Planned Behaviour	Journal of Retailing and Consumer Services	2023	10.97	MANAGEMENT	Article	Q1
675	Surfarazhussain S. Halkarni,Tapan Kumar Hota	Effect of Sinusoidal Injection Velocity on Miscible Viscous Fingering of a Finite Sample: Nonlinear Simulation	Heliyon	2023	3.77	MATHS/MECH	Article	Q1
676	Ranjit Thapa	Identification of Borophosphene/graphene heterostructure as anode for Li-ion Batteries and its origin	Journal of Power Sources	2023	9.74	PHY	Article	Q1
677	KVNS Ravi Teja,Rajiv Senapathi	Machine Learning Modeling of Tensile Force in Anchored Geomembrane Liners	Geosynthetics International Journal	2023	4.56	CSE/CIVIL	Article	Q1
678	Manab Kundu	Pseudo-differential operator in quaternion space	Mathematical Methods in the Applied Sciences	2023	3.00	MATHS	Article	Q1
679	Sabyasachi Chakraborty	Surface Ligand Influences the Cu Nanoclusters as a Dual Sensing Optical Probe for Localized pH Environment and Fluoride Ion	Nanomaterials	2023	5.71	CHE	Article	Q1

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680	Bharadhwaj Sivakumaran	MIND THE GAME YOU SET FOR BETTER WEBSITE PATRONAGE	European Journal of Marketing	2023	5.20	MANAGEMENT	Article	Q1
681	Pankaj Pathak	Circular Transformation in Plastic Management Lessen the Carbon Footprint of the Plastic Industry	'Materials Today Sustainability	2023	7.24	EVSE	Article	Q1
682	Syed Tajmullah	Stability Characterisation and Application of Mutually Injection Locked Gain Switched Optical Frequency Combs for Dual Comb Spectroscopy	'Journal of Lightwave Technology	2023	4.43	ECE	Article	Q1
683	Ranjit Thapa	Pd Encapsulated Core-shell ZIF-8/ZIF 67 for Efficient Oxygen Evolution Reaction	Electrochimica Acta	2023	7.33	PHY	Article	Q1
684	Ravi Kumar	3D single shot lensless incoherent optical imaging using coded phase aperture system with point response of scattered airy beams	Scientific Reports	2023	4.99	PHY	Article	Q1
685	Nimai Mishra	Exploring the Role of Short Chain Acids as Surface Ligands in Photoinduced Charge Transfer Dynamics from CsPbBr <sub>3</sub> Perovskite Nanocrystals	Journal of Physical Chemistry Letters	2023	6.88	CHE	Article	Q1
686	Karthik Rajendran	Perspective on the strategies and challenges in hydrogen production from food and food processing wastes	Fuel	2023	8.03	EVSE	Article	Q1
687	Ranjit Thapa	Photon driven nitrogen fixation via Ni-incorporated ZrO <sub>2</sub> /Bi <sub>2</sub> O <sub>3</sub> : p-n heterojunction, Stesho Crystallin	Catalysis Today	2023	6.76	PHY	Article	Q1
688	Rajapandiyan	Removal of hemolysis interference in serum Raman spectroscopy by multivariate curve resolution analysis for accurate classification of oral cancers	Sensors & Diagnostics	2023	4.35	CHE	Article	Q1

## Q1-Journals

### LIST OF RESEARCH PUBLICATIONS



689	Murali Krishna Enduri, Satish Anamalamudi	Algorithms for Finding Influential People with Mixed Centrality in Social Networks	Arabian Journal for Science and Engineering	2023	2.26	CSE	Article	Q1
690	Ashok Kumar Pradhan	Fortified-Chain 2.0: Intelligent Blockchain for Decentralized Smart Healthcare System	IEEE Journal of Internet of Things	2023	10.23	CSE	Article	Q1
691	Harish Pupalla	A two-step hybrid multi-criteria approach to analyze the significance of parameters affecting Microwave-Assisted Pyrolysis	Process Safety and Environmental Protection	2023	7.93	CIVIL	Article	Q1
692	Tapas Kumar Mishra, Kshira sagar sahu	Adaptive Congestion Control Mechanism to Enhance TCP Performance in Cooperative IoV	IEEE Access	2023	3.47	CSE	Article	Q1
693	Monoj Kumar Singha	Machine learning assisted hepta band THz metamaterial absorber for biomedical applications	Scientific Reports	2023	4.99	ECE	Article	Q1
694	Karthik Rajendran, V S Vigneswaran	Economic and exergy analysis of passive solar still incorporated with an additional condensing surface material beneath the top glazing to enhance the productivity	Environmental Science and Pollution Research	2023	5.19	EVSE	Article	Q1
695	Sambit Kumar Mishra	Automatic Detection of Oral Squamous Cell Carcinoma from Histopathological Images of Oral Mucosa Using Deep Convolutional Neural Network	International Journal of Environmental Research and Public Health, MDPI	2023	4.61	CSE	Article	Q1
696	Mahesh Kumar Ravva	n-Type Organic Electrochemical Transistors with High Transconductance and Stability	Chem. Materials	2023	10.50	CHE	Article	Q1
697	Pankaj Pathak	Mesoporous LaFeO <sub>3</sub> perovskite as an efficient and cost-effective oxygen reduction reaction catalyst in an air cathode microbial fuel cell	International Journal of Hydrogen Energy	2023	7.13	EVSE	Article	Q1
698	Salla Gangi Reddy	Improvement of energy storage density and energy harvesting performance of	Journal of Alloys and Compounds	2023	6.37	PHY	Article	Q1

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		amphoteric Pr ion-modified lead-free Ba <sub>0.85</sub> Ca <sub>0.15</sub> Ti <sub>0.9</sub> Zr <sub>0.1</sub> O <sub>3</sub> (BCZT) ceramics						
699	Shaheen Kelachan Thodika	Iranian Islamic Revolution and the Transformation of Islamist Discourse in Southern India: 1979-1992	Religions	2023	0.79	HISTORY	Article	Q1
700	Lakshmi Sirisha Maganti	Improvement of uniformity of irradiance on truncated compound parabolic concentrator by introducing the homogenizer ratio	Renewable Energy	2023	8.63	MECH	Article	Q1
701	Jatis Kumar Dash	Recent Development in Novel Lithium-Sulfur Nanofiber Separators: A Review of the Latest Fabrication and Performance Optimizations	Membranes	2023	4.56	PHY	Article	Q1
702	Randhir Kumar	Distributed AI and Blockchain for 6G-assisted Terrestrial and Non-Terrestrial Networks: Challenge and Future Directions	IEEE Network Magazine	2023	10.29	CSE	Article	Q1
703	Pardha Saradhi Maram	Critical Perspective on the Industry-centred Engineering of Single-Crystalline Ni-rich Cathodes	ChemNanoMat	2023	3.82	CHE	Article	Q1
704	Syed Tajammul Ahmad	Reconfigurable Photonic Integrated Transmitter for Metro-Access Networks	IEEE Journal of Optical Communication and Networks (JOCN)	2023	4.50	ECE	Article	Q1
705	Soni Wadhwa	Kochi: provincialising postcolonial metro-cosmopolitan spatialities	Cultural Geographies	2023	1.78	LITERATURE AND LANGUAGES	Article	Q1
706	L N Patro	Enhanced Ionic Conductivity of Na-excess Na <sub>3</sub> Zr <sub>2</sub> Si <sub>2</sub> PO <sub>12</sub> Solid Electrolyte by Tuning its Elemental Composition and Sintering Temperature	Journal of Materials Science	2023	4.68	PHY	Article	Q1
707	Rajapandiyan	Surface-Enhanced Raman Spectroscopic Probing in Digital Microfluidics through a Microspray Hole	Analytical Chemistry	2023	8.00	CHE	Article	Q1

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708	Gangireddy Salla	Structural, Dielectric and Energy Storage Enhancement in Lead-Free Ceramic Capacitors through BiMg <sub>0.5</sub> Ti <sub>0.5</sub> O <sub>3</sub> Modification of Ba <sub>0.7</sub> Sr <sub>0.3</sub> TiO <sub>3</sub> .	Journal of Material Science	2024	4.50	PHY	Article	Q1
709	Mallikarjuna Rao Motapothula	The Potential Benefits, Challenges and Perspectives of Various Methods and Materials Used for Hydrogen Storage	Energy & Fuels	2024	5.30	PHY	Article	Q1
710	Ranjit Thapa	Restricting Anion Migrations by Atomic Layer Deposited Alumina on Perovskite Nanocrystals while Preserving Structural and Optical Properties	Chemistry of Materials	2024	8.60	PHY	Article	Q1
711	Chinmaya Kumar Swain	Deadline and Energy-Aware Application Module Placement in Fog-Cloud Systems	IEEE Access	2024	3.90	CSE	Article	Q1
712	Ranjit Thapa	Crystallinity and interfacial Mo–N–C bond engineered MoS <sub>2</sub> embedded graphitic nitrogen-doped carbon hollow sphere for enhanced HER activity.	International Journal of Hydrogen Energy	2024	7.20	PHY	Article	Q1
713	Bharadhwaj S	Airline Social Media Recovery Satisfaction: Has COVID changed everything?	Journal of Travel Research	2024	8.90	MANAGEMENT	Article	Q1-ABDC-A*
714	Sambit Kumar Mishra	A deep transfer learning model for Green Environment Security Analysis in Smart City.	Journal of King Saud University - Computer and Information Sciences.	2024	6.90	CSE	Article	Q1
715	Vinod Kumar G S	Production, stability and properties of ultrafine MgAl <sub>2</sub> O <sub>4</sub> (Spinel) particles stabilized Mg-3Ca alloy foams	Journal of Materials Research and Technology	2024	6.40	MECH	Article	Q1
716	Kousik Das	Nitrogen and carbon cycling and relationships to radium behavior in porewater and surface water: Insight from a dry year sampling in a hypersaline estuary	journal of Marine Chemistry	2024	3.00	EVSE	Article	Q1

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717	Ranjit Thapa	Fe(TCNQ) <sub>2</sub> nanorod arrays: An efficient electrocatalyst for electrochemical Ammonia synthesis via nitrate reduction reaction.	Journal of Materials Chemistry A	2024	11.90	PHY	Article	Q1
718	Ranjit Thapa	Engineering Lithium Nickel Cobalt Manganese Oxides Cathodes: A Computational and Experimental Approach to Bridging Gaps	Chemical Engineering Journal	2024	15.10	PHY	Article	Q1
719	Ranjit Thapa	Fixing N-Heterocycle Carbene Moiety into the Highly Porous Organic Hollow Nanofiber for Efficient CO <sub>2</sub> Conversions: A Complete Experimental and Theoretical Study	ACS Catalysis	2024	12.90	PHY	Article	Q1