

S.No.	Type	Authors	Title	Source Title	Academic Session	Indexing	DOI
1	Journal	Sadanand	Performance Enhancement of PbS-TBAI Quantum Dot Solar Cell with MoTe ₂ as Hole Transport Layer	Physica Status Solidi (A) Applications and Materials Science	2023-24	SCIE	https://doi.org/10.1002/pssa.202300275
2	Journal	Aggarwal, Mohit	Analysis and pollution assessment of heavy metals in suspended solids of the middle stretch of river Ganga between Kanpur to Prayagraj, U.P., India	Sadhana - Academy Proceedings in Engineering Sciences	2023-24	SCIE	https://doi.org/10.1007/s12046-023-02325-7
3	Journal	Chaudhary, Vijay Shanker Kumar, Dharmendra	Au-TiO ₂ Coated Photonic Crystal Fiber Based SPR Refractometric Sensor for Detection of Cancerous Cells	IEEE Transactions on Nanobioscience	2023-24	SCIE	https://doi.org/10.1109/TNB.2022.3219104
4	Journal	Gupta, Sachi	Multiprocessor task scheduling using multi-objective hybrid genetic Algorithm in Fogâ€œcloud computing	Knowledge-Based Systems	2023-24	SCIE	https://doi.org/10.1016/j.knosys.2023.110563
5	Journal	Kumar, Rajesh Hari	An efficient wideband cascode class FFâ€œ1 Doherty power amplifier with control harmonic impedance inverter for X-band applications	International Journal of Circuit Theory and Applications	2023-24	SCIE	https://doi.org/10.1002/cta.3581
6	Journal	Singh, S. Pratap	Various Expressions over Novel k-Âµ/Inverse Gamma LOS Shadowed Fading	Wireless Personal Communications	2023-24	SCIE	https://doi.org/10.1007/s11277-023-10684-x
7	Journal	Singh, S. Pratap Singh, Rajneesh Kumar	UER of various modulation schemes over SC diversity with GGD noise for EMNC	International Journal of Electronics	2023-24	SCIE	https://doi.org/10.1080/00207217.2022.2068667
8	Journal	Mallick, Bidyut	Investigation of the Role of 3d-4d Elements in a Disordered Double Perovskite toward Efficient Photocatalytic Energy Conversion and Electrochemical Energy-Storage Behaviors	ACS Applied Energy Materials	2023-24	SCIE	https://doi.org/10.1021/acsaem.3c02964
9	Journal	Maurya, Sadanand	Impact on generation and recombination rate in Cu ₂ ZnSnS ₄ (CZTS) solar cell for Ag ₂ S and In ₂ Se ₃ buffer layers with CuSbS ₂ back surface field layer	Progress in Photovoltaics: Research and Applications	2023-24	SCIE	https://doi.org/10.1002/pij.3743
10	Journal	Mittal, Mona Tripathi, Smriti	Biopolymeric Nanocomposites for Wastewater Remediation: An Overview on Recent Progress and Challenges	Polymers	2023-24	SCIE	https://doi.org/10.3390/polym16020294
11	Journal	Miya, Javed	Quantum-inspired adaptive loss detection and real-time image restoration for live optical quantum image transmission	Optical and Quantum Electronics	2023-24	SCIE	https://doi.org/10.1007/s11082-023-05859-6
12	Journal	Sadanand	Simulation and numerical modeling of high efficiency CZTS solar cells with a BSF layer	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2023-24	SCIE	https://doi.org/10.1002/inm.3188
13	Journal	Singh, Shailendra	On compositions of (L-fuzzy) automata: A categorical approach	Fuzzy Sets and Systems	2023-24	SCIE	https://doi.org/10.1016/j.fss.2023.108749
14	Journal	Verma, Savita Srivastava, Bipin Kumar	Development of thermally reduced corn stover biochar and its satin weaved sisal-reinforced vinyl ester composites	Biomass Conversion and Biorefinery	2023-24	SCIE	https://doi.org/10.1007/s13399-023-04273-y
15	Journal	Amir Khan, Mohammad	Performance Analysis of Self-Compacting Concrete with Use of Artificial Aggregate and Partial Replacement of Cement by Fly Ash	Buildings	2023-24	SCIE	https://doi.org/10.3390/buildings14010143
16	Journal	Berwal, Parveen Khan, Md Amir	Behavior of Fibers in Geopolymer Concrete: A Comprehensive Review	Buildings	2023-24	SCIE	https://doi.org/10.3390/buildings14010136
17	Journal	Garg, Rajni Garg, Rishav	Application of periwinkle shell for the synthesis of calcium oxide nanoparticles and in the remediation of Pb ²⁺ -contaminated water	Biomass Conversion and Biorefinery	2023-24	SCIE	https://doi.org/10.1007/s13399-024-05285-y
18	Journal	Garg, Rajni Garg, Rishav	Adsorption and photodegradation of organic contaminants by silver nanoparticles: isotherms, kinetics, and computational analysis	Environmental Monitoring and Assessment	2023-24	SCIE	https://doi.org/10.1007/s10661-023-12194-6
19	Journal	Garg, Rishav	Influence of pozzolanic addition on strength and microstructure of metakaolin-based concrete	PLOS ONE	2023-24	SCIE	https://doi.org/10.1371/journal.pone.0298761
20	Journal	Khan, Md Amir	Adsorption of methylene blue dye onto phosphoric acid-treated pomegranate peel adsorbent: Kinetic and thermodynamic studies	Desalination and Water Treatment	2023-24	SCIE	https://doi.org/10.1016/j.dwt.2024.100406
21	Journal	Khan, Md Amir	Removing fluoride ions from wastewater by Fe ₃ O ₄ nanoparticles: Modified Rhodophytes (red algae) as biochar	Journal of Water Process Engineering	2023-24	SCIE	https://doi.org/10.1016/j.jwpe.2024.104776
22	Journal	Ahmad, Amreen	A Probabilistic Approach for Extractive Summarization Based on Clustering Cum Graph Ranking Method	IEEE Access	2023-24	SCIE	https://doi.org/10.1109/ACCESS.2024.3392252
23	Journal	Gupta, Sachi	Depression detection using cascaded attention based deep learning framework using speech data	Multimedia Tools and Applications	2023-24	SCIE	https://doi.org/10.1007/s11042-023-18076-w
24	Journal	Kumar, Sunil	A novel skin cancer detection model using modified finch deep CNN classifier model	Scientific Reports	2023-24	SCIE	https://doi.org/10.1038/s41598-024-60954-2
25	Journal	Kumar, Vinit	A secure system for digital video applications using an intelligent crypto model	Multimedia Tools and Applications	2023-24	SCIE	https://doi.org/10.1007/s11042-023-16223-x
26	Journal	Sharma, Shikha Swaroop Kumar, Rajesh Hari	A Novel Approach of Reconfigurable Band-pass Filter with Actively Loaded Bandwidth for Ultrawide Wi-Fi Communication	Circuits, Systems, and Signal Processing	2023-24	SCIE	https://doi.org/10.1007/s00034-023-02468-2

27	Journal	Dash, Diptimayee	Theoretical analysis of graded-index topological resonator for improved sensing performance	Optics Express	2023-24	SCIE	https://doi.org/10.1364/OE.511412
28	Journal	Equbal, Md Danish	A novel artificial neural network approach for residual life estimation of paper insulation in oil-immersed power transformers	IET Electric Power Applications	2023-24	SCIE	https://doi.org/10.1049/elp2.12407
29	Journal	Kumar, Kanhaiya	Control strategies for energy enhancement of discontinuous GPS tracking PV system under varying weather conditions	Electrical Engineering	2023-24	SCIE	https://doi.org/10.1007/s00202-023-02216-4
30	Journal	Shahid, Mohammad	Near Real-Time Load Forecasting of Power System Using Fuzzy Time Series, Artificial Neural Networks, and Wavelet Transform Models	Electric Power Components and Systems	2023-24	SCIE	https://doi.org/10.1080/15325008.2023.2235586
31	Journal	Sharma, Ankit	A single-layer multimode high gain circularly polarized metasurface antenna using CMA for C-band applications	International Journal of Microwave and Wireless Technologies	2023-24	SCIE	https://doi.org/10.1017/S1759078724000424
32	Journal	Sharma, Ankit Kumari, Ranjana	A CPW THz-MIMO antenna with reduced mutual coupling using Frequency Selective Surface for future wireless applications	Optical Materials	2023-24	SCIE	https://doi.org/10.1016/j.optmat.2024.114929
33	Journal	Singh, Nitesh Kumar	Device modelling of tin based perovskite solar cell with distinct hole transport layer material	Indian Journal of Engineering and Materials Sciences	2023-24	SCIE	https://doi.org/10.56042/ijems.v3i1.782
34	Journal	Singh, Nitesh Kumar	Design and performance evaluation of eco-friendly FASnI3/CsSn0.5Ge0.5I3 based perovskite solar cell with distinct charge transport layer: A computational modeling	Solar Energy	2023-24	SCIE	https://doi.org/10.1016/j.solener.2023.112256
35	Journal	Acharya, Upendra Kumar Garg, Nitin Pandey,	Directed searching optimized texture based adaptive gamma correction (DSOTAGC) technique for medical image enhancement	Multimedia Tools and Applications	2023-24	SCIE	https://doi.org/10.1007/s11042-023-15953-2
36	Journal	Ashish Pandey, Avani Singh, Aniket Pratap	Impact of temperature variation on linearity parameters of nanotube surrounding gate (NT-SG) MOSFETs	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2023-24	SCIE	https://doi.org/10.1002/jnm.3199
37	Journal	Kumar, Sachin	Conformal wideband ingestible capsule MIMO antenna system for multi-channel communication in biotelemetry	AEU - International Journal of Electronics and Communications	2023-24	SCIE	https://doi.org/10.1016/j.aeue.2024.155305
38	Journal	Kumar, Sachin	Modern Reflectarray Antennas: A Review of the Design, State-of-the-Art, and Research Challenges	IEEE Access	2023-24	SCIE	https://doi.org/10.1109/ACCESS.2024.3380358
39	Journal	Kumar, Sachin	GPS-Integrated RFID Antenna With AMC Backing for IoT-Based Sensing and Tracking Applications	IEEE Transactions on Antennas and Propagation	2023-24	SCIE	https://doi.org/10.1109/TAP.2023.3332481
40	Journal	Kumar, Sachin	Design and Analysis of Self-Hexplexing Antenna Using SIW Hexagonal Cavity	Journal of Electronic Materials	2023-24	SCIE	https://doi.org/10.1007/s11664-023-10831-x
41	Journal	Kumar, Sachin	Low-profile dual-band monopole antenna with EBG array for LTE, WLAN, Wi-MAX, and ISM band applications	Sadhana - Academy Proceedings in Engineering Sciences	2023-24	SCIE	https://doi.org/10.1007/s12046-023-02416-5
42	Journal	Kumar, Sachin	Ultra-thin flexible rectenna integrated with power management unit for wireless power harvester/charging of smartwatch/wristband	Scientific Reports	2023-24	SCIE	https://doi.org/10.1038/s41598-024-57639-1
43	Journal	Kumar, Sachin	Ultra-Wideband Vertical Transition in Coplanar Stripline for Ultra-High-Speed Digital Interfaces	Sensors	2023-24	SCIE	https://doi.org/10.3390/s24103233
44	Journal	Kumar, Sachin	Low-Profile Dual-Polarized Antenna Loaded With Electromagnetic Band-Gap Structures	Wireless Personal Communications	2023-24	SCIE	https://doi.org/10.1007/s11277-024-11095-2
45	Journal	Patil, Shilpee	Dual-Sense Circularly Polarized Stacked Fractal Slotted Antenna for WLAN/Bluetooth System	Wireless Personal Communications	2023-24	SCIE	https://doi.org/10.1007/s11277-024-10966-y
46	Journal	Miya, Javed	Performance evaluation of optimized convolutional neural network mechanism in the detection and classification of ovarian cancer	Multimedia Tools and Applications	2023-24	SCIE	https://doi.org/10.1007/s11042-024-18115-0
47	Journal	Kumar, Ashish	Effect of Rotational Speed on Mechanical, Microstructure, and Residual Stress Behaviour of AA6061-T6 Alloy Joints through Friction Stir Welding	Journal of Materials Engineering and Performance	2023-24	SCIE	https://doi.org/10.1007/s11665-023-08527-8
48	Journal	Kumar, Ashish	A review of aluminum metal matrix composites: fabrication route, reinforcements, microstructural, mechanical, and corrosion properties	Journal of Materials Science	2023-24	SCIE	https://doi.org/10.1007/s10853-024-09398-7
49	Journal	Nirala, Akhileshwar Khan, Md Amir	Utilization of rice husk substituting fossil fuel for pelletization process of goethite iron ore	Environmental Technology and Innovation	2023-24	SCIE	https://doi.org/10.1016/j.eti.2024.103597
50	Journal	Singh, Ashok Kumar	Analysis for optimized prerequisites of modified solar stills	Heliyon	2023-24	SCIE	https://doi.org/10.1016/j.heliyon.2024.e25804
51	Journal	Singh, Manohar Kumar	Microstructure and mechanical properties of a dissimilar metal welded joint of Inconel 617 and P92 steel with Inconel 82 buttering layer for AUSC boiler application	International Journal of Pressure Vessels and Piping	2023-24	SCIE	https://doi.org/10.1016/j.iipvp.2024.105196

52	Journal	Singh, Vivek	An analytical study on the effect of different photovoltaic technologies on enviro-economic parameter and energy metrics of active solar desalting unit	Energy	2023-24	SCIE	https://doi.org/10.1016/j.energy.2024.130851
53	Journal	Dixit, Arohi	Ecological and human health risk assessment of pharmaceutical compounds in the Sirsa River of Indian Himalayas	Environmental Pollution	2023-24	SCIE	https://doi.org/10.1016/j.envpol.2024.123668
54	Journal	Chaubey, Chandrasen Khare, R.	Enhancing quality of services using genetic quantum behaved particle swarm optimization for location dependent services	Sadhana - Academy Proceedings in Engineering Sciences	2023-24	SCIE	https://doi.org/10.1007/s12046-024-02518-8
55	Journal	Garg, Rajni	Synthesis and application of novel microporous framework of nanocomposite from trona for photocatalysed degradation of methyl orange dye	Environmental Monitoring and Assessment	2023-24	SCIE	https://doi.org/10.1007/s10661-023-12014-x
56	Journal	Garg, Rajni	Potential applications of green-synthesized iron oxide NPs for environmental remediation	Environmental Monitoring and Assessment	2023-24	SCIE	https://doi.org/10.1007/s10661-023-12035-6
57	Journal	Garg, Rajni	Biogenic synthesis of iron oxide nanoparticles using leaf extract of <i>Spilanthes acmella</i> : antioxidant potential and adsorptive removal of heavy metal ions	Environmental Monitoring and Assessment	2023-24	SCIE	https://doi.org/10.1007/s10661-023-11860-z
58	Journal	Mittal, Mona	Recent progress in the stabilization of low band-gap black-phase iodide perovskite solar cells	Dalton Transactions	2023-24	SCIE	https://doi.org/10.1039/d3dt01581e
59	Journal	Verma, Savita	Current Issues and Developments in Cyanobacteria-Derived Biofuel as a Potential Source of Energy for Sustainable Future	Sustainability (Switzerland)	2023-24	SCIE	https://doi.org/10.3390/su151310439
60	Journal	Amir Khan, Mohammad	Experimental investigation of H ₃ PO ₄ activated papaya peels for methylene blue dye removal from aqueous solution: Evaluation on optimization, kinetics, isotherm, thermodynamics, and reusability studies	Journal of Environmental Management	2023-24	SCIE	https://doi.org/10.1016/j.jenvman.2023.118815
61	Journal	Berwal, Parveen	Energy Efficient Resource Allocation in Cloud Environment Using Metaheuristic Algorithm	IEEE Access	2023-24	SCIE	https://doi.org/10.1109/ACCESS.2023.3330434
62	Journal	Berwal, Parveen Amir Khan, Mohammad	Slag and Bagasse Ash: Potential Binders for Sustainable Rigid Pavement	ACS Omega	2023-24	SCIE	https://doi.org/10.1021/acsomega.3c04089
63	Journal	Berwal, Parveen Khan, Md Amir	Experimental Investigation of Breach Mechanism for Overtopped Cohesive and Non-Cohesive Embankments	Water (Switzerland)	2023-24	SCIE	https://doi.org/10.3390/w15173030
64	Journal	Berwal, Parveen Khan, Md Amir	Assessment of the Surface Water Quality of the Gomti River, India, Using Multivariate Statistical Methods	Water (Switzerland)	2023-24	SCIE	https://doi.org/10.3390/w15203575
65	Journal	Berwal, Parveen Khan, Md Amir	Artificial Intelligence for Surface Water Quality Evaluation, Monitoring and Assessment	Water (Switzerland)	2023-24	SCIE	https://doi.org/10.3390/w15223919
66	Journal	Garg, Rajni Garg, Rishav	Sol-gel synthesis, computational chemistry, and applications of Cao nanoparticles for the remediation of methyl orange contaminated water	Advances in Nano Research	2023-24	SCIE	https://doi.org/10.12989/anr.2023.151.035
67	Journal	Garg, Rajni Garg, Rishav	Review of in-depth knowledge on the application of oxides nanoparticles and nanocomposites of Al, Si and Ca as photocatalyst and antimicrobial agents in the treatment of contaminants in water	Clean Technologies and Environmental Policy	2023-24	SCIE	https://doi.org/10.1007/s10098-023-02603-2
68	Journal	Garg, Rajni Garg, Rishav	Plant wastes as alternative sources of sustainable and green corrosion inhibitors in different environments	Corrosion Engineering Science and Technology	2023-24	SCIE	https://doi.org/10.1080/1478422X.2023.2204260
69	Journal	Garg, Rishav	Waste to resource recovery: mesoporous adsorbent from orange peel for the removal of trypan blue dye from aqueous solution	Biomass Conversion and Biorefinery	2023-24	SCIE	https://doi.org/10.1007/s13399-022-02571-5
70	Journal	Garg, Rishav	Theoretical and experimental studies on photocatalytic removal of methylene blue (MetB) from aqueous solution using oyster shell synthesized CaO nanoparticles (CaONP-O)	Environmental Science and Pollution Research	2023-24	SCIE	https://doi.org/10.1007/s11356-022-22747-w
71	Journal	Garg, Rishav	Enhanced Zn(II) adsorption by chemically modified sawdust based biosorbents	Environmental Science and Pollution Research	2023-24	SCIE	https://doi.org/10.1007/s11356-022-22963-4
72	Journal	Garg, Rishav Garg, Rajni Khan, Md Amir Berwal, Parveen	Mechanical strength and durability analysis of mortars prepared with fly ash and nano-metakaolin	Case Studies in Construction Materials	2023-24	SCIE	https://doi.org/10.1016/j.cscm.2022.e01796
73	Journal	Garg, Rishav Khan, Md Amir	Utilization of biosynthesized silica-supported iron oxide nanocomposites for the adsorptive removal of heavy metal ions from aqueous solutions	Environmental Science and Pollution Research	2023-24	SCIE	https://doi.org/10.1007/s11356-022-21111-2
74	Journal	Khan, Md Amir	Distribution of Carbon Nanotubes in an Aluminum Matrix by a Solution-Mixing Process	ACS Omega	2023-24	SCIE	https://doi.org/10.1021/acsomega.3c04531
75	Journal	Khan, Md Amir	Optimizing the grass bio methanation in lab scale reactor utilizing response surface methodology	Biofuels	2023-24	SCIE	https://doi.org/10.1080/17597269.2023.2170034

76	Journal	Khan, Md Amir Garg, Rajni	Assessment of Spatial and Temporal Variation in Water Quality for the Godavari River	Water (Switzerland)	2023-24	SCIE	https://doi.org/10.3390/w15173076
77	Journal	Nirala, Akhileshwar Khan, Md Amir	Micro-mechanical and tribological behavior of Al/SiC/B4C/CNT hybrid nanocomposite	Scientific Reports	2023-24	SCIE	https://doi.org/10.1038/s41598-023-39713-2
78	Journal	Akilan, T.	A multi-hop protocol using advanced multi-hop Dijkstras algorithm and tree based remote vector for wireless sensor network	Journal of Ambient Intelligence and Humanized Computing	2023-24	SCIE	https://doi.org/10.1007/s12652-021-03548-4
79	Journal	Alam, Maksud Yadava, Ram Lal	CSRR loaded multiband THz MIMO antenna for nano-communications and bio-sensing applications	Nano Communication Networks	2023-24	SCIE	https://doi.org/10.1016/j.nancom.2023.100481
80	Journal	Chaudhary, Vijay Shanker	Advanced refractive index sensor based on photonic crystal fiber with elliptically split cores	Optical and Quantum Electronics	2023-24	SCIE	https://doi.org/10.1007/s11082-023-05516-y
81	Journal	Kumar, Vinit	Development of vanilla LSTM based stuttered speech recognition system using bald eagle search algorithm	Signal, Image and Video Processing	2023-24	SCIE	https://doi.org/10.1007/s11760-023-02639-3
82	Journal	Kumar, Vinit	Secure Deep Learning Framework for Cloud to Protect the Virtual Machine from Malicious Events	Wireless Personal Communications	2023-24	SCIE	https://doi.org/10.1007/s11277-023-10524-y
83	Journal	Satpathy, Sambit	Saturated Pool Boiling Heat Transfer of R-141b on Al ₂ O ₃ Nano-Structured Surfaces Fabricated by Dip-Coating Method	Journal of Engineering Thermophysics	2023-24	SCIE	https://doi.org/10.1134/S1810232823040100
84	Journal	Singh, Yash Veer Sharma, Vishnu	An Intelligent Bio-Inspired Autonomous Surveillance System Using Underwater Sensor Networks	Sensors	2023-24	SCIE	https://doi.org/10.3390/s23187839
85	Journal	Srivastava, Kiran N.	Performance Analysis of MIMO Antenna Design with High Isolation Techniques for 5 G Wireless Systems	International Journal of Antennas and Propagation	2023-24	SCIE	https://doi.org/10.1155/2023/1566430
86	Journal	Mahato, Bidyut	A new switch-diode cell-based single-phase cascaded multilevel inverter	Soft Computing	2023-24	SCIE	https://doi.org/10.1007/s00500-023-09006-x
87	Journal	Shahid, Mohammad	Modelling farm-based electric vehicles on charging systems for power distribution networks with dynamic grid interactions	Ain Shams Engineering Journal	2023-24	SCIE	https://doi.org/10.1016/j.asej.2022.102046
88	Journal	Sharma, Ankit	Low-profile high gain circularly polarized CRLH transmission line inspired antenna with artificial magnetic conductor for wearable applications	International Journal of Microwave and Wireless Technologies	2023-24	SCIE	https://doi.org/10.1017/S1759078722001258
89	Journal	Sharma, Ankit	Easily extendable optically transparent multi-port dual polarized wideband THz-MIMO antenna for biomedical sensing, Industry 4.0, IoT, and 6G applications	Optical and Quantum Electronics	2023-24	SCIE	https://doi.org/10.1007/s11082-023-05566-2
90	Journal	Agarwal, Ruchi Yadava, Ram Lal	Miniaturized Slow-Wave SIW-Based Circularly Polarized CRLH Leaky Wave Antenna Array Supporting Wide Angle Beam Scanning for Radar Applications	Arabian Journal for Science and Engineering	2023-24	SCIE	https://doi.org/10.1007/s13369-023-07974-8
91	Journal	Ali, Mohammad Taha Ahmed, Mohd Kaif Siddiqui, Mohd Tabish Gupta, Harsh Vardhan Mishra, Ajey Shakti	Hybrid deep neural network for automatic detection of COVID-19 using chest x-ray images	International Journal of Imaging Systems and Technology	2023-24	SCIE	https://doi.org/10.1002/ima.22911
92	Journal	Katiyar, Saurabh	Tri-band high gain polarization reconfigurable split ring resonator based dielectric resonator antenna for terahertz applications	Optical and Quantum Electronics	2023-24	SCIE	https://doi.org/10.1007/s11082-023-05246-1
93	Journal	Kumar, Sachin	Dispersive Modeling of Normal and Cancerous Cervical Cell Responses to Nanosecond Electric Fields in Reversible Electroporation Using a Drift-Step Rectifier Diode Generator	Micromachines	2023-24	SCIE	https://doi.org/10.3390/mi14122136
94	Journal	Kumari, Srishti Singh, Swati Singh, S. Pratap Lakshmanan, M.	Performance Investigation of Molecular Nano Communication Over Channels Under Dynamic Scenarios	Wireless Personal Communications	2023-24	SCIE	https://doi.org/10.1007/s11277-023-10440-1
95	Journal	Khan, Muskan	Financial risk tolerance: A review and research agenda	European Management Journal	2023-24	SCIE	https://doi.org/10.1016/j.emj.2023.10.004
96	Journal	Agarwal, Rashi	Chaos cryptosystem with optimal key selection for image encryption	Multimedia Tools and Applications	2023-24	SCIE	https://doi.org/10.1007/s11042-022-13535-2
97	Journal	Dewangan, Ashish	From Theory to Practice: A Sustainable Solution to Water Scarcity by Using a Hybrid Solar Distiller with a Heat Exchanger and Aluminum Oxide Nanoparticles	ACS Omega	2023-24	SCIE	https://doi.org/10.1021/acsomega.3c03283
98	Journal	Kumar, Ashish	Investigation of Microstructure and Several Quality Characteristics of AA7075/Al ₂ O ₃ /Coconut Shell Ash Hybrid Nano Composite Prepared through Ultrasonic Assisted Stir-Casting	Journal of Materials Engineering and Performance	2023-24	SCIE	https://doi.org/10.1007/s11665-022-07780-7
99	Journal	Kumar, Ashish Nirala, Akhileshwar	Influence of tool rotational speed on mechanical and corrosion behaviour of friction stir processed AZ31/Al ₂ O ₃ nanocomposite	Journal of Magnesium and Alloys	2023-24	SCIE	https://doi.org/10.1016/j.jma.2023.06.012
100	Journal	Kumar, Navneet Sumanth	Exergo-enviro-economic and yearly productivity analyses of conical passive solar still for sustainable solar distillation	Environmental Science and Pollution Research	2023-24	SCIE	https://doi.org/10.1007/s11356-023-29519-0
101	Journal	Sahoo, Niranjan	Design of solar cement plant for supplying thermal energy in cement production	Journal of Cleaner Production	2023-24	SCIE	https://doi.org/10.1016/j.jclepro.2023.139151

102	Journal	Sahoo, Niranjana	Potential of solar thermal calciner technology for cement production in India and consequent carbon mitigation	Process Safety and Environmental Protection	2023-24	SCIE	https://doi.org/10.1016/j.psep.2023.09.041
103	Journal	Singh, Ashok Kumar	Eco-design requisites for solar desalination still augmented evacuated annular tube collectors with parabolic concentrator: an optimum-environmental-economic viability	Environment, Development and Sustainability	2023-24	SCIE	https://doi.org/10.1007/s10668-022-02518-w
104	Journal	Sahu, Priyanka	Crop leaf disease detection for beans using ensemble-convolutional neural networks	International Journal of Food Engineering	2023-24	SCIE	https://doi.org/10.1515/ijfe-2023-0055
105	Journal	Sadanand	Kesterite CZTS based thin film solar cell: Generation, recombination, and performance analysis	Journal of Physics and Chemistry of Solids	2023-24	SCIE	https://doi.org/10.1016/j.jpcs.2023.111631
106	Journal	Singh, Gavendra	An Efficient FrWT and IPCA Tools for an Automated Healthcare CAD System	Wireless Personal Communications	2023-24	SCIE	https://doi.org/10.1007/s11277-024-10877-y
107	Journal	Mallick, Bidyut	Pressure-induced insulator-to-metal transition in few-layer FePS ₃ at 1.5 GPa	PHYS REV B	2023-24	SCIE	http://dx.doi.org/10.1103/PhysRevB.109.235417
108	Journal	Mona Mittal	Szasz-Beta operators via Hermite Polynomial	J KING SAUD UNIV SCI	2023-24	SCIE	http://dx.doi.org/10.1016/j.jksus.2024.103120
109	Journal	Khan, Mohammad Amir	Analysis of optical solitons propagation in the dual-mode resonant nonlinear Schrödinger dynamical equation with assorted nonlinear interactions	MOD PHYS LETT B	2023-24	SCIE	http://dx.doi.org/10.1142/S0217984924504335
110	Journal	Mohammad Amir Khan	An optimal deep belief with buffalo optimization algorithm for fault detection and power loss in grid-connected system	SOFT COMPUT	2023-24	SCIE	http://dx.doi.org/10.1007/s00500-023-08558-2
111	Journal	Singh, Avjeet	A Novel Mutation-based Differential Evolution Algorithm for Solving Real-World Optimization Problems	IETE J RES	2023-24	SCIE	http://dx.doi.org/10.1080/03772063.2023.2217141
112	Journal	Arun Kumar Rana	IoT-based energy efficient and longer lifetime compression approach for healthcare applications	T EMERG TELECOMMUN T	2023-24	SCIE	http://dx.doi.org/10.1002/ett.4843
113	Journal	Richa Sharma	Multi band multi polarised fractal antenna for white space TV band	INT J ELECTRON	2023-24	SCIE	http://dx.doi.org/10.1080/00207217.2024.2302342
114	Journal	Kumar, Ashish	Enhancing microstructural, tribological and corrosion responses of Al-Zn-Mg-Cu alloy via nano-/micro-Al ₂ O ₃ particulates	J MATER SCI	2023-24	SCIE	http://dx.doi.org/10.1007/s10853-024-09638-w
115	Journal	Singh, Ashok Kumar	Parametric analysis of evacuated annular parabolic solar receiver integrated solar stills: a relative optimization approach	ENVIRON DEV SUSTAIN	2023-24	SCIE	http://dx.doi.org/10.1007/s10668-024-04709-z
116	Journal	Garg, Rajni, Garg, Rishav	Enhancing water purification efficiency through adsorption and photocatalysis: models, applications, and challenges	INT J ENVIRON AN CH	2023-24	SCIE	http://dx.doi.org/10.1080/03067319.2023.2295934
117	Journal	Sadanand, Rajesh Kumar	Performance Enhancement of PbS-TBAI Quantum Dot Solar Cell with MoTe ₂ as Hole Transport Layer	PHYS STATUS SOLIDI A	2023-24	SCIE	http://dx.doi.org/10.1002/pssa.202300275
118	Journal	Aggarwal, Mohit	Analysis and pollution assessment of heavy metals in suspended solids of the middle stretch of river Ganga between Kanpur to Prayagraj, UP, India	SADHANA-ACAD P ENG S	2023-24	SCIE	http://dx.doi.org/10.1007/s12046-023-02325-7
119	Journal	Khan, Mohammad Amir	Artificial intelligence based modelling and hybrid optimization of linseed oil biodiesel with graphene nanoparticles to stringent biomedical safety and environmental standards	CASE STUD THERM ENG	2023-24	SCIE	http://dx.doi.org/10.1016/j.csite.2023.103554
120	Journal		Structural Performance of Ferrocement Panels under Low- and High-Velocity Impact Load	ACS OMEGA	2023-24	SCIE	http://dx.doi.org/10.1021/acsomega.3c03726
121	Journal		Influence of Graphite Particles on the Mechanical and Wear Characterization of Al6082 Alloy Composites	ACS OMEGA	2023-24	SCIE	http://dx.doi.org/10.1021/acsomega.3c01313
122	Journal		GO/CuO Nanohybrid-Based Carbon Dioxide Gas Sensors with an Arduino Detection Unit	ACS OMEGA	2023-24	SCIE	http://dx.doi.org/10.1021/acsomega.3c02598
123	Journal	Mohammad Amir Khan	Analysis of friction and wear of aluminium AA 5083/WC composites for building applications using advanced machine learning models	AIN SHAMS ENG J	2023-24	SCIE	http://dx.doi.org/10.1016/j.asej.2022.102090
124	Journal	Mohammad Amir Khan	Development of high-resolution gridded data for water availability identification through GRACE data downscaling: Development of machine learning models	ATMOS RES	2023-24	SCIE	http://dx.doi.org/10.1016/j.atmosres.2023.106815
125	Journal	Mohammad Amir Khan	Optimization and Modelling of EGR rate and MIS for POME fuelled CRDI diesel engine	CASE STUD THERM ENG	2023-24	SCIE	http://dx.doi.org/10.1016/j.csite.2023.103170
126	Journal	Mohammad Amir Khan	Development of eco-friendly wall insulation layer utilising the wastes of the packing industry	HELIYON	2023-24	SCIE	http://dx.doi.org/10.1016/j.heliyon.2023.e21799
127	Journal	Chaudhary, Vijay Shanker	Au-TiO ₂ Coated Photonic Crystal Fiber Based SPR Refractometric Sensor for Detection of Cancerous Cells	IEEE T NANOBIOSCI	2023-24	SCIE	http://dx.doi.org/10.1109/TNB.2022.3219104
128	Journal	Gupta, Sachi	Multiprocessor task scheduling using multi-objective hybrid genetic Algorithm in Fog-cloud computing	KNOWL-BASED SYST	2023-24	SCIE	http://dx.doi.org/10.1016/j.knsys.2023.110563

129	Journal	Kumar, Rajesh	An efficient wideband cascode class FF-1 Doherty power amplifier with control harmonic impedance inverter for X-band applications	INT J CIRC THEOR APP	2023-24	SCIE	http://dx.doi.org/10.1002/cta.3581
130	Journal	Arun Kumar Rana	Decentralized Model to Protect Digital Evidence via Smart Contracts Using Layer 2 Polygon Blockchain	IEEE ACCESS	2023-24	SCIE	http://dx.doi.org/10.1109/ACCESS.2023.3302771
131	Journal	S. Pratap Singh	Various Expressions over Novel $k^{-1/4}$ /Inverse Gamma LOS Shadowed Fading	WIRELESS PERS COMMUN	2023-24	SCIE	http://dx.doi.org/10.1007/s11277-023-10684-x
132	Journal	Singh, S. Pratap, Singh, Rajneesh Kumar	UER of various modulation schemes over SC diversity with GGD noisy for EMNC	INT J ELECTRON	2023-24	SCIE	http://dx.doi.org/10.1080/00207217.2022.2068667