

S.no.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end	DOI	ISSN
1	Chander G., Golhani V., Sheikh A.A., Bhagat M., Manohar S., Bhagat M., Ganesh N.	Role of Angiogenesis in Oncology: A Deep Insight into the Mechanistic Aspect	2024	Letters in Applied NanoBioScience	13	4			10.33263/LIANBS134.161	22846808
2	Kothari R., Pathak A.K., Singh H.M., Gorla K., Sheikh Z.U.D., Bharti A., Raina S., Rachna, Singh A., Singh B., Kumar V.A., Pandey A., Pandey A.K., Pathania D., Tyagi V.V.	MFC-mediated wastewater treatment technology and bioelectricity generation: Future perspectives with SDGs 7 & 13	2024	Process Safety and Environmental Protection	192		155	176	10.1016/j.psep.2024.08.078	9575820
3	Chopra K., Tyagi V.V., Enosh R.B., Kumawat P., Pandey P., Kumar D., Mansor M., Rajamony R.K., Pandey A.K.	Potential of solar thermal collector combined with dual phase change materials for different energy demands: An energy, economic, and environmental assessment	2024	International Communications in Heat and Mass Transfer	159				10.1016/j.icheatmasstransfer.2024.108045	7351933
4	Fikri M.A., Pandey A.K., Rajamony R.K., Sharma K., Kalidasan B., Samykano M., Buddhi D., Tyagi V.V.	Surfactant effects in functionalized multiwall carbon nanotube-filled phase change materials	2024	Materials Chemistry and Physics	328				10.1016/j.matchemphys.2024.129931	2540584
5	Mahindru A., Arora H., Kumar A., Gupta S.K., Mahajan S., Kadry S., Kim J.	PermDroid a framework developed using proposed feature selection approach and machine learning techniques for Android malware detection	2024	Scientific Reports	14	1			10.1038/s41598-024-60982-y	20452322

6	Kumar M.A., Baba S.K., Sadida H.Q., Marzooqi S.A., Jerobin J., Altemani F.H., Algehainy N., Alanazi M.A., Abou-Samra A.-B., Kumar R., Al-Shabeeb Akil A.S., Macha M.A., Mir R., Bhat A.A.	Extracellular vesicles as tools and targets in therapy for diseases	2024	Signal Transduction and Targeted Therapy	9	1			10.1038/s41392-024-01735-1	20959907
7	Singh H., Shipra, Gupta M., Gupta N., Gupta G., Pandita A.K., Sharma R., Pandita S., Singh V., Garg B., Rai E., Sharma S.	SOX9 gene shows association with adolescent idiopathic scoliosis predisposition in Northwest Indians	2024	European Journal of Medical Research	29	1			10.1186/s40001-024-01635-8	9492321
8	Mahajan R., Sharma S., Prakash R.	Spectroscopic study of yellowish white light emitting MgP2O6: Dy3+ phosphor	2024	Journal of Molecular Structure	1316				10.1016/j.molstruc.2024.139053	222860
9	Kaur T., Negi R., Sharma B., Kaur S., Khan S.S., Kour D., Singh S., Rustagi S., Shreaz S., Yadav N., Kumar M., Rai A.K., Yadav A.N.	Omics technologies for understanding the plant–fungal endophyte interactions: crop improvement for future security	2024	Journal of Applied Biology and Biotechnology	12	6	1	11	10.7324/JABB.2024.191389	2347212X
10	Thappa S., Gupta A., Kumar D., Anand Y., Anand S.	Ceria doped solar selective coating for solar thermal application	2024	Solar Energy	282				10.1016/j.solener.2024.112922	0038092X

11	Negi R., Sharma B., Parastesh F., Kaur S., Khan S.S., Kour D., Singh S., Rai A.K., Rustagi S., Yadav N., Shreaz S., Madouh T.A., Yadav A.N.	Microbial consortia mediated regulation of plant defense: A promising tool for sustaining crops protection	2024	Physiological and Molecular Plant Pathology	134				10.1016/j.pmp.2024.102393	8855765
12	Wani I.M., Arora S.	Deep ensemble learning for osteoporosis diagnosis from knee X-rays: a preliminary cohort study in Kashmir valley	2024	Neural Computing and Applications	36	33	21041	21059	10.1007/s00521-024-10158-6	9410643
13	Kumar S., Banka H., Kaushik B., Sharma S.	An Ultra-Lightweight Secure RFID Authentication Protocol for Low-Cost Tags	2024	Journal of Computer Virology and Hacking Techniques	20	4	803	818	10.1007/s11416-024-00533-1	22638733
14	Raj K., Narrania D., Esi A.	Modulated Lacunary -Statistical Convergence of Order γ of Sequences of Fuzzy Functions	2024	New Mathematics and Natural Computation	20	3	899	915	10.1142/S1793005724500479	17930057
15	Bali V., Khajuria Y., Manyar V., Rai P.K., Kumar U., Ghany C., Tripathi S., Singh V.K.	Elemental studies and mapping of cholesterol and pigment gallstones using scanning electron microscopy–energy dispersive spectroscopy	2024	X-Ray Spectrometry	53	6	487	498	10.1002/xrs.3403	498246
16	Yadav A., Samykano M., Pandey A.K., Sharma K., Tyagi V.V.	Experimental investigation on the thermophysical properties of Paraffin wax/wheat husk composite for thermal energy storage	2024	Materials Letters	373				10.1016/j.matlet.2024.137133	0167577X

17	Tyagi V.V., Pathak S.K., Chopra K., Saxena A., Kalidasan B., Dwivedi A., Goel V., Sharma R.K., Agrawal R., Kandil A.A., Awad M.M., Kothari R., Pandey A.K.	Sustainable growth of solar drying technologies: Advancing the use of thermal energy storage for domestic and industrial applications	2024	Journal of Energy Storage	99				10.1016/j.est.2024.113320	2352152X
18	Mahajan V., Sharma J., Singh A., Bresciani S., Alam G.M.	Knowledge sharing behavior of service sector's employees to attain sustainable development goals	2024	Journal of Knowledge Management	28	8	2253	2274	10.1108/JKM-12-2023-1293	13673270
19	Saxena A., Kumar R., Sagade A.A., Singh D.B., Tyagi V.V., Cuce E., Goel V.	A state-of-art review on photovoltaic systems: Design, performance, and progress	2024	Process Safety and Environmental Protection	190		1324	1354	10.1016/j.psep.2024.07.111	9575820
20	Bhat S.A., Khajuria M., Mala R., Kennedy S.M.M., Biswas P.	Host sensitized down conversion emission in K ₂ SrVO ₄ :Yb ³⁺ – A potential thermally stable phosphor for solar cell applications	2024	Physica B: Condensed Matter	690				10.1016/j.physb.2024.416238	9214526
21	Khurshid T., Singh V.	Design of unbalanced 9:2 ternary encoder and 2:9 ternary decoder circuits in resistive random access memory and carbon nanotube field effect transistor technology	2024	International Journal of Circuit Theory and Applications	52	10	5403	5426	10.1002/cta.4022	989886
22	Gupta S., Mehta S.K.	Data Mining-based Financial Statement Fraud Detection: Systematic Literature Review and Meta-analysis to Estimate Data Sample Mapping of Fraudulent	2024	Global Business Review	25	5	1290	1313	10.1177/0972150920984857	9721509

23	Haq S.U., Sharma V.K.	FinFET-Based Low-Power Improved PDP 4:2 Approximate Compressor Design	2024	Journal of Circuits, Systems and Computers	33	14			10.1142/S0218126624502530	2181266
24	Gupta C., Malhotra I.	Encoding material female bodies through cosmetic surgeries: a study of cultural economy and the biometric dynamics of Indian Hindi film stars	2024	Medical Humanities	50	3	494	503	10.1136/medhum-2023-012771	1468215X
25	Sharma M., Ahmed A., Singh A., Lalotra N., Dubey A., Arya S., Kamni	Combustion synthesis, structural and electrochemical studies on the dysprosium-doped cobalt ferrite nanoparticles to investigate its performance as a supercapacitor	2024	Materials Chemistry and Physics	324				10.1016/j.matchemphys.2024.129676	2540584
26	Sakuntala S.S., Sarakanam S., Dhavan A., Taggar R., Kohli G.	The complexity of corruption and recent trends in information technology for combating corruption in India	2024	Public Administration and Policy	27	2	126	139	10.1108/PAP-05-2023-0058	17272645
27	Gupta S.K., Gupta P., Singh P.	Enhancing UAV-HetNet security through functional encryption framework	2024	Concurrency and Computation: Practice and Experience	36	20			10.1002/cpe.8206	15320626
28	Sapkal V., Somra K., Kharra P., Sharma R., Dogra V.K., Sapkal P.	Recycling of Waste Paper to Convert into Environmental Friendly Mosquito Repellent Sticks Using Natural Azadirachtin	2024	E3S Web of Conferences	566				10.1051/e3sconf/202456602002	25550403

29	Kumari M., Kaul A.	Efficient classification of remote sensing images using DF-DNLSTM: a deep feature densenet bidirectional long short term memory model	2024	International Journal of System Assurance Engineering and Management	15	9	4477	4494	10.1007/s13198-024-02466-w	9756809
30	Bhat S.A., Ahmad R., Khajuria M., Biswas P.	Surface and spectral investigations of NaCaVO4:Tb3+: a green component phosphor for WLEDs	2024	Bulletin of Materials Science	47	3			10.1007/s12034-024-03252-x	2504707
31	Jamwal P., Lalotra N., Sharma P., Pathania K.	Protocol for Dy3+-modified NaCaVO4 nanophosphors in solid-state lighting applications: structural and luminescence investigations	2024	Bulletin of Materials Science	47	3			10.1007/s12034-024-03229-w	2504707
32	Maqbool M., Sharma V.K.	Circuits implementations using carbon nanotube field-effect transistor nanotechnology	2024	Engineering Research Express	6	3			10.1088/2631-8695/ad5f75	26318695
33	Yaraş A., Bayram M., Ustaoglu A., Erdoğmuş E., Hekimoğlu G., Sarı A., Gencel O., Tyagi V.V., Ozbakkaloglu T.	Advancing thermal control in buildings with innovative cementitious mortar and recycled expanded glass/n-octadecane phase change material composites	2024	Renewable and Sustainable Energy Reviews	202				10.1016/j.rser.2024.114680	13640321
34	Said Z., Pandey A.K., Tiwari A.K., Kalidasan B., Jamil F., Thakur A.K., Tyagi V.V., Sarı A., Ali H.M.	Nano-enhanced phase change materials: Fundamentals and applications	2024	Progress in Energy and Combustion Science	104				10.1016/j.pecs.2024.101162	3601285

35	Chopra K., Tyagi V.V., Popli S., Kumawat P., Pandey P., Kumar Pathak S., Mansor M., Pandey A.K.	Impact of myristic acid on novel designed manifold assimilated with domestic solar water heater: An experimental approach	2024	Applied Thermal Engineering	252				10.1016/j.applthermaleng.2024.123560	13594311
36	Jammoria N.S., Sinha A.K.	Assessment of Green Supply Chain Management Practices Using Fuzzy Analytical Hierarchy Process	2024	Process Integration and Optimization for Sustainability	8	4	1051	1064	10.1007/s41660-024-00409-3	25094238
37	Raina R., Gondhi N.K., Gupta A.	Automated segmentation of acute leukemia using blood and bone marrow smear images: a systematic review	2024	Multimedia Tools and Applications	83	32	77967	78000	10.1007/s11042-024-18373-y	13807501
38	Raoof I., Gupta M.K.	CLCC-FS(OBWOA): an efficient hybrid evolutionary algorithm for motor imagery electroencephalograph classification	2024	Multimedia Tools and Applications	83	30	74973	75006	10.1007/s11042-024-18365-y	13807501
39	Mishra S.K., Kumar M.	Correction to: A comprehensive model of information search and processing behaviour of mutual fund investors (Journal of Financial Services Marketing, (2012), 17, 1, (31-49),	2024	Journal of Financial Services Marketing	29	3	1195		10.1057/s41264-023-00259-z	13630539
40	Mishra S.K., Kumar M.	Correction to: How mutual fund investors' objective and subjective knowledge impacts their information search and processing behaviour (Journal of Financial Services	2024	Journal of Financial Services Marketing	29	3	1194		10.1057/s41264-023-00258-0	13630539

41	Sharma A., Karunika, Tewari A.K.	Consciousness towards religious belief and re-radicalization in societies	2024	Security Journal	37	3	736	767	10.1057/s41284-023-00392-3	9551662
42	Bhardwaj M.	Regulatory framework for the development of nutraceuticals	2024	Formulations, Regulations, and Challenges of Nutraceuticals			213	224		
43	Khajuria P., Sharma V.D., Khajuria A., Prakash R.	Optical characterization of Na ₂ ZrO ₃ :Dy ³⁺ +phosphor synthesized by combustion route	2024	AIP Conference Proceedings	3149	1			10.1063/5.0224798	0094243X
44	Singh A.K., Kumar S., Gupta M.	Relationship between digitalization and environmental sustainability in selected countries	2024	Green Transition Impacts on the Economy, Society, and Environment			83	107	10.4018/979-8-3693-3985-5.ch006	
45	Byotra D., Sharma S.	Dynamic and stability analysis of crescent geometry-possessing textured journal bearing using nanolubricant	2024	Industrial Lubrication and Tribology	76	6	788	803	10.1108/ILT-03-2024-0089	368792
46	Kumar R., Sharma S.K., Sharma A.K.	Asymptotically Wijsman lacunary sequences of order (α, β)	2024	Journal of Analysis	32	4	2037	2055	10.1007/s41478-023-00607-1	9713611

47	Khan R.T., Bhardwaj M., Kailoo S., Khajuria R., Rasool S.	A statistical study on awareness of antibiotic resistance among the general population	2024	Indian Journal of Biochemistry and Biophysics	61	8	504	509	10.56042/ijbb.v61i8.8244	3011208
48	Kumari R., Mangal Chaturvedi M., Kumar R.	Reason(s) Have Weight with the Evidence of Practical Reason	2024	Journal of Philosophical Investigations	18	47	233	250	10.22034/jpiut.2024.62694.3834	22517960
49	Mushtaq M., Jha R.K., Sabraj M.C., Jain S.	Attack Modeling and Security Analysis Using Machine Learning Algorithms Enabled with Augmented Reality and Virtual Reality	2024	International Journal of Computer Network and Information	16	4	118	129	10.5815/ijcnis.2024.04.08	20749090
50	Haq S.U., Abbasian E., Khurshid T., Sharma V.K.	Energy-efficient design of quaternary logic gates and arithmetic circuits using hybrid CNTFET-RRAM technology	2024	Physica Scripta	99	8			10.1088/1402-4896/ad6194	318949
51	Shivangani, Sahu A., Kumar D., Kumar B., Gupta S.K.	Design and analysis of SPR-based refractive index sensor with enhanced sensitivity based on graphene/BP heterostructure	2024	Optical and Quantum Electronics	56	8			10.1007/s11082-024-06933-3	3068919
52	Haq S.U., Abbasian E., Khurshid T., Basha S.J., Sharma V.K.	Design analysis of a low-power, high-speed 8 T SRAM cell using dual-threshold CNTFETs	2024	Physica Scripta	99	8			10.1088/1402-4896/ad61ca	318949

53	Singh M., Lal S., Sharma S.K., Bhat V.K.	Edge dependent fault-tolerance in certain carbon-based crystal structures	2024	Physica Scripta	99	8			10.1088/1402-4896/ad5fcb	318949
54	Khan S.S., Kour D., Kaur T., Sharma A., Kumar S., Kumari S., Ramniwas S., Singh S., Negi R., Sharma B., Devi T., Kumari C., Kour H., Kaur M., Rai A.K., Singh S., Rasool S.,	Microbial Nanotechnology for Precision Nanobiosynthesis: Innovations, Current Opportunities and Future Perspectives for Industrial Sustainability	2024	Current Microbiology	81	8			10.1007/s00284-024-03772-z	3438651
55	Ali Laghari I., Pandey A.K., Samykano M., Kumar Rajamony R., Ali Bhutto Y., Hameed Soomro A., Kadirgama K., Tyagi V.V.	Binary nano-enhanced phase change materials (BNePCMs) integrated serpentine flow based photovoltaic thermal system: A new approach towards performance enhancement	2024	Thermal Science and Engineering Progress	53				10.1016/j.tsep.2024.102704	24519049
56	Taray A.S., Singh S.K., Singh Y., Naaz F., Hazra P.	Design and power optimization of a QCA-based universal reversible logic gate architecture using cell interaction approach	2024	Microelectronics Reliability	159				10.1016/j.microrel.2024.115446	262714
57	Gowthami D., Sharma R.K., Ansu A.K., Sari A., Tyagi V.V., Rathore P.K.S.	Evaluation of carbonized cotton stalk for development of novel form stable composite phase change materials for solar thermal energy storage	2024	Process Safety and Environmental Protection	188		1037	1048	10.1016/j.psep.2024.06.030	9575820
58	Mir K.B., Abrol V., Singh N., Khan N.A., Dar A.A., Alahmadi T.A., Ansari M.J.	Spectroscopic characterization and pharmacokinetic evaluation of amorphous solid dispersions of glibenclamide for bioavailability enhancement in Wistar rats	2024	Biomedical Chromatography	38	8			10.1002/bmc.5901	2693879

59	Tripathy P., Jena P.K., Mishra B.R.	Systematic literature review and bibliometric analysis of energy efficiency	2024	Renewable and Sustainable Energy Reviews	200				10.1016/j.rser.2024.114583	13640321
60	Raj K., Devi M., Mursaleen M.	New product type operators acting between weighted Bergman–Orlicz spaces and some weighted-type spaces	2024	Journal of Analysis	32	4	2299	2327	10.1007/s41478-024-00751-2	9713611
61	Ul Haq S., Sharma V.K.	Energy-Efficient Design for Logic Circuits Using a Leakage Control Configuration in FinFET Technology	2024	Journal of The Institution of Engineers (India): Series B	105	4	903	911	10.1007/s40031-024-01026-x	22502106
62	Gupta M., Kumari I., Singh A.K.	Impact of human capital on SDG1 in selected G20 countries	2024	Interlinking SDGs and the Bottom-of-the-Pyramid Through Tourism			21	48	10.4018/979-8-3693-3166-8.ch002	
63	Abas B., Bukhari S., Farrukh M., Iqbal S.	Examining the socio-psychological dynamics of interpersonal and organizational deviances: the moderating influence of interpersonal justice and perceived organizational	2024	Leadership and Organization Development Journal	45	6	935	953	10.1108/LODJ-07-2023-0350	1437739
64	Kour V.P., Arora S.	Image-based plant disease detection using IoT and deep learning	2024	Green Industrial Applications of Artificial Intelligence and Internet of Things			61	71	10.2174/9789815223255124010008	

65	Srijan, Singh A., Vatsa H.	Use of geotextile as an innovative material in geotechnical engineering: A review	2024	AIP Conference Proceedings	3146	1			10.1063/5.0224560	0094243X
66	Abas B., Vo-Thanh T., Bukhari S., Villivalam S., Senbeto D.L.	Interpersonal deviance, organizational deviance and socio-emotional factors at work: the role of socio-demographic traits	2024	International Journal of Social Economics	51	8	1041	1056	10.1108/IJSE-04-2023-0304	3068293
67	Gorka S., Raj K., Mursaleen M.	Lacunary A-Statistical Convergence of Complex Uncertain Sequences via Orlicz Function	2024	International Journal of Uncertainty, Fuzziness and Knowledge-Based	32	5	781	799	10.1142/S0218488524500193	2184885
68	Sharma V.D., Khajuria P., Khajuria A., Prakash R., Choudhary R.J.	Photoluminescent and X-ray photoemission studies of Eu ³⁺ -doped kosnarite KZr ₂ (PO ₄) ₃ nanophosphor and its Judd–Ofelt analysis	2024	Journal of Nanoparticle Research	26	7			10.1007/s11051-024-06073-5	13880764
69	Bali R., Malhotra I.	Precarious Lives of Rohingya Refugee Women Emerging as Caregivers: A Visual Analysis of the Refugee Webcomic I Am a Leader of My House	2024	SARE	61	1	103	132		0127046X
70	Reddy P.N., Vijay K., Kavyatheja B., Reddy G.G.K., Reddy A.N., Jindal B.B., Kumar A.U.	Impacts of corrosion inhibiting admixture and supplementary cementitious material on early strength concrete	2024	Discover Applied Sciences	6	7			10.1007/s42452-024-06032-8	30049261

71	Lalotra N., Sharma M., Pathania K.	Facile synthesis and effect of samarium doping on structural and optical properties of barium strontium orthosilicate nanophosphors with potential implications in	2024	Journal of Materials Science	59	27	12630	12647	10.1007/s10853-024-09924-7	222461
72	Bhutto Y.A., Pandey A.K., Saidur R., Mishra Y.N., Tyagi V.V.	Synergistic impact investigation of 1D/2D hybrid nanoparticles on lauric acid phase change material for thermoelectric generator and heat sink cooling application	2024	Sustainable Materials and Technologies	40				10.1016/j.susmat.2024.e00926	22149937
73	Pathak S.K., Tyagi V.V., Chopra K., Pandey A.K.	Solar thermal potential of phase change material based U-pipe ETSCs for different climatic zones: Evaluating energy matrices and economic viability	2024	Sustainable Materials and Technologies	40				10.1016/j.susmat.2024.e00857	22149937
74	Altaf I., Kaul A.	Classifying victim degree of injury in road traffic accidents: a novel stacked DCL-X approach	2024	Multimedia Tools and Applications	83	25	66691	66723	10.1007/s11042-024-18193-0	13807501
75	Bali V., Khajuria Y., Pathak A.K., Kumar U., Rai P.K., Ghany C., Singh V.K.	Elemental concentration in renal stones by wavelength dispersive X-ray fluorescence spectrometry	2024	X-Ray Spectrometry	53	4	220	231	10.1002/xrs.3338	498246
76	Ranjan Mishra B., Satpathy L.D., Kumar Jena P., Dehury T.	Mediating factors and spillover effects of foreign direct investment : Evidence from Indian manufacturing firms	2024	Heliyon	10	12			10.1016/j.heliyon.2024.e32519	24058440

77	Kumar S.A., Singh C.P.	Improving the Buildings' Sustainability through Combined Matrix Assessment of Embodied Energy, Water, and Carbon: Case of Conventional Houses, Jammu – India	2024	Journal of Sustainable Development of Energy, Water and Environment	12	2 Special issue			10.13044/j.sde.wes.d12.0488	18489257
78	Chouhan S.S., Singh U.P., Sharma U., Jain S.	Classification of Different Plant Species Using Deep Learning and Machine Learning Algorithms	2024	Wireless Personal Communications	136	4	2275	2298	10.1007/s11277-024-11374-y	9296212
79	Mishra R.K., Singh G.	Analysis of the glass fibre/chicken feathers reinforced hybrid composite [Analyse des mit Glasfasern und Hühnerfedern verstärkten Hybridverbundwerkstoffes]	2024	Materialwissenschaft und Werkstofftechnik	55	6	864	876	10.1002/mawe.202300023	9335137
80	Kour D., Sharma B., Negi R., Kumar S., Kaur S., Kaur T., Khan S.S., Kour H., Ramniwas S., Rustegi S., Rai A.K., Singh S., Shreaz S., Yadav A.N., Ahluwalia A.S.	Microbial Amelioration of Heavy Metal Toxicity in Plants for Agro-Environmental Sustainability	2024	Water, Air, and Soil Pollution	235	6			10.1007/s11270-024-07251-w	496979
81	Vaid N., Sharma V.K., Kumar P.	Fundamental 1:2 demultiplexer design in quantum-dot cellular automata nanotechnology	2024	e-Prime - Advances in Electrical Engineering, Electronics and	8				10.1016/j.prim.e.2024.100600	27726711
82	De Stefano M., Singh K., Raina A., Mohan S., Ul Haq M.I., Ruggiero A.	Tribocorrosion of 3D printed dental implants: An overview	2024	Journal of Taibah University Medical Sciences	19	3	644	663	10.1016/j.jtum.ed.2024.05.004	16583612

83	Haq S.U., Abbasian E., Khurshid T., Sharma V.K.	Low-power and robust ternary SRAM cell with improved noise margin in CNTFET technology	2024	Physica Scripta	99	6			10.1088/1402-4896/ad451c	318949
84	Gupta A., Gupta S.K.	Unmanned aerial vehicles in collaboration with fog computing network for improving quality of service	2024	International Journal of Communication Systems	37	9			10.1002/dac.5759	10745351
85	Mohan S., Anand A., Raina A., Kumar P., Ul Haq M.I., Graf M., Jayalakshmi S., Arvind Singh R.	High temperature tribological response of Fe-2Cu-0.8C-CaF ₂ self-lubricating composites at high speeds	2024	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of	238	6	687	696	10.1177/13506501241233356	13506501
86	Kour D., Khan S.S., Kumari S., Singh S., Khan R.T., Kumari C., Kumari S., Dasila H., Kour H., Kaur M., Ramniwas S., Kumar S., Rai A.K., Cheng W.-H., Yadav A.N.	Microbial nanotechnology for agriculture, food, and environmental sustainability: Current status and future perspective	2024	Folia Microbiologica	69	3	491	520	10.1007/s12223-024-01147-2	155632
87	Mahajan A., Majumdar K.	Balancing profit and sustainability: Investigating the eco-innovation strategies of G20 polluting industries	2024	Sustainable Development	32	3	1954	1970	10.1002/sd.2749	9680802
88	Hamid I., Alam M.S., Baig I.A., Jena P.K.	Nexus Between Institutional Quality and Foreign Direct Investment Inflows: Panel Data Analysis of SAARC Countries	2024	Journal of the Knowledge Economy	15	2	7993	8019	10.1007/s13132-023-01252-6	18687865

89	Slathia P., Vashishtha A., Jena P.K., Sahu P.K.	Examining the dynamic impact of carbon emissions, renewable energy and economic growth on healthcare expenditure in Asian countries	2024	Heliyon	10	9			10.1016/j.heliyon.2024.e30136	24058440
90	Singh R.K., Sharma S.K.	A non-parametric synthesis measure for board quality: empirical evidence from Indian banks	2024	Benchmarking	31	4	1092	1114	10.1108/BIJ-10-2022-0663	14635771
91	Kumari S., Taggar R.	Unveiling Fashion's Environmental Footprint: Exploring Pollution and Sustainability in the Textile Industry	2024	Indian Journal of Environmental Protection	44	5	465	472		2537141
92	Kumar U., Verma A., Tripathi R.K., Yadav B.C., Haldar T., Tyagi V.V., Dixit C.K., Huang W.-M.	Excellent field emission with enhanced photodetection behavior of multiwalled carbon nanotubes: experimental and theoretical study	2024	Energy Advances	3	6	1389	1400	10.1039/d4ya00183d	27531457
93	Sharma V., Nillmani, Gupta S.K., Shukla K.K.	Deep learning models for tuberculosis detection and infected region visualization in chest X-ray images	2024	Intelligent Medicine	4	2	104	113	10.1016/j.imed.2023.06.001	20969376
94	Al-Qudah Y., Jaradat A., Sharma S.K., Bhat V.K.	Mathematical analysis of the structure of one-heptagonal carbon nanocone in terms of its basis and dimension	2024	Physica Scripta	99	5			10.1088/1402-4896/ad3add	318949

95	Dar A.B., Bhanja N., Paul M., Farooq U.	Shaping a greener tomorrow: Analysing the impact of environment-friendly technology on ecological footprints in emerging asian economies	2024	Journal of Cleaner Production	452				10.1016/j.jclepro.2024.142130	9596526
96	Mir K.B., Chakraborty S., Amin T., Kumar A., Rouf War A., Nalli Y., Kumar R., Dinesh Kumar L., Ali A., Goswami A.	Canonical DDR activation by EMT inducing agent 5-Fluorouracil is modulated by a cannabinoid based combinatorial approach via inducing autophagy and suppression of	2024	Biochemical Pharmacology	223				10.1016/j.bcp.2024.116126	62952
97	Yadav A., Pandey A.K., Samykano M., Kareri T., Tyagi V.V.	Wheat husk derived microparticle infused organic phase change material for efficient heat transfer and sustainable thermal energy storage	2024	Journal of Energy Storage	86				10.1016/j.est.2024.111204	2352152X
98	Garg P., Jallepalli V.R., Verma S.	Unravelling the CXCL12/CXCR4 Axis in breast cancer: Insights into metastasis, microenvironment interactions, and therapeutic opportunities	2024	Human Gene	40				10.1016/j.humgen.2024.201272	27730441
99	Singh K., Ul Haq M.I., Mohan S.	Tribological behavior of novel Al2O3-La2O3 HVOF composite coatings	2024	Tribology International	193				10.1016/j.triboint.2024.109427	0301679X
100	Chopra C., Kumar V., Kumar M., Bhushan I.	Role of vaginal microbiota in idiopathic infertility: a prospective study	2024	Microbes and Infection	26	4			10.1016/j.micinf.2024.105308	12864579

101	Singh V., Kumar M., Kumar N.	Design of a low power LNA circuit with noise canceling approach in 90 nm CMOS process	2024	Integration	96				10.1016/j.vlsi.2024.102163	1679260
102	Prakash S., Sharma S., Mahajan N., Bhat S., Eswaramoorthy M., Goyal R.K.	Transient heat transfer studies on different positions of thermoelectric generator integrated solar air heaters for buildings	2024	AIP Conference Proceedings	3031	1			10.1063/5.0193780	0094243X
103	Eswaramoorthy M.	Performance evaluation of solar air heater with and without thermoelectric generator	2024	AIP Conference Proceedings	3031	1			10.1063/5.0193691	0094243X
104	Singh S., Sharma S.	Aggregation operators-based divergence measures for single-valued neutrosophic sets with their applications to pattern recognition	2024	Journal of Intelligent and Fuzzy Systems	46	4	9007	9020	10.3233/JIFS-232369	10641246
105	Sharma I., Gupta S.K.	SFL-MDrone: Synchronous federated learning enabled multi drones	2024	Journal of Intelligent and Fuzzy Systems	46	4	8543	8562	10.3233/JIFS-235275	10641246
106	Pathak S.K., Tyagi V.V., Popli S., Chopra K., Pandey A.K.	Optimizing the thermal performance and heat losses of self-stored U-tube based ETC for residential water heating applications: A combined experimental and theoretical	2024	Journal of Energy Storage	84				10.1016/j.est.2024.110617	2352152X

107	Rajamony R.K., Pandey A.K., Samykano M., Siaw Paw J.K., Kareri T., Laghari I.A., Tyagi V.V.	Heat transfer and energy performance analysis of photovoltaic thermal system using functionalized carbon nanotubes enhanced phase change material	2024	Applied Thermal Engineering	243				10.1016/j.applthermaleng.2024.122544	13594311
108	Sharma A.K., Chani P.S.	Embodied water-energy nexus towards sustainable building construction: Case of conventional Indian houses	2024	Journal of Building Engineering	83				10.1016/j.jobee.2024.108453	23527102
109	Soni T.K., Sirohi R., Jamwal D.S.	The Linkage Between Marketing Intensity and Firm Performance: A Quantile Regression Approach	2024	Indian Journal of Marketing	54	4	46	59	10.17010/ijom/2024/v54/i4/173713	9738703
110	Ul Haq S., Abbasian E., Khurshid T., Fathi H., Kumar Sharma V.	Tri-state GNR-FET-based fast and energy-efficient ternary multiplier	2024	AEU - International Journal of Electronics and Communications	177				10.1016/j.aeue.2024.155239	14348411
111	Verma K., Sikka G., Swaraj A., Kumar S., Kumar A.	Classification of COVID-19 on Chest X-Ray Images Using Deep Learning Model with Histogram Equalization and Lung Segmentation	2024	SN Computer Science	5	4			10.1007/s42979-024-02695-7	2662995X
112	Singh K., Singh S.	Novel construction method for Pythagorean fuzzy similarity measures	2024	International Journal of Information Technology (Singapore)	16	4	2089	2097	10.1007/s41870-023-01689-7	25112104

113	Vij R., Arora S.	A hybrid evolutionary weighted ensemble of deep transfer learning models for retinal vessel segmentation and diabetic retinopathy detection	2024	Computers and Electrical Engineering	115				10.1016/j.compeleceng.2024.109107	457906
114	Bali A., Singh U.P., Kumar R., Jain S.	Neural Networks Based-Adaptive Control of Nonlinear Ship Manoeuvring System	2024	Journal of Control, Automation and Electrical Systems	35	2	314	325	10.1007/s40313-024-01065-1	21953880
115	Gowthami D., Sharma R.K., Tyagi V.V., Rathore P.K.S., Sari A.	Development of a novel form-stable phase change material based on alkali activated date seed biochar to harvest solar thermal energy	2024	Journal of Energy Storage	83				10.1016/j.est.2024.110699	2352152X
116	Khan S.I., Qadir Z., Munawar H.S., Nayak S.R., Budati A.K., Verma K.D., Prakash D.	Corrigendum to “UAVs path planning architecture for effective medical emergency response in future networks” [Physical Communication, Volume 47 (August 2021),	2024	Physical Communication	63				10.1016/j.phycom.2023.102265	18744907
117	Shah S.S., Aziz M.A., Rasool P.I., Mohmand N.Z.K., Khan A.J., Ullah H., Feng X., Oyama M.	Electrochemical synergy and future prospects: Advancements and challenges in MXene and MOFs composites for hybrid supercapacitors	2024	Sustainable Materials and Technologies	39				10.1016/j.susmat.2023.e00814	22149937
118	Bangotra A., Sharma S.	Effect of partial surface waviness on the dynamic and stability performance of journal bearing	2024	Lubrication Science	36	3	197	215	10.1002/lis.1685	9540075

119	Haq S.U., Sharma V.K.	Reliable and ultra-low power approach for designing of logic circuits	2024	Analog Integrated Circuits and Signal Processing	119	1	85	95	10.1007/s10470-023-02207-2	9251030
120	Kour D., Khan S.S., Kour H., Kaur T., Devi R., Rai A.K., Yadav A.N.	ACC Deaminase Producing Phytomicrobiomes for Amelioration of Abiotic Stresses in Plants for Agricultural Sustainability	2024	Journal of Plant Growth Regulation	43	4	963	985	10.1007/s00344-023-11163-0	7217595
121	Haq S.U., Sharma V.K.	Improved Stability for Robust and Low-Power SRAM Cell Using FinFET Technology	2024	Journal of Circuits, Systems and Computers	33	6			10.1142/S0218126624501068	2181266
122	Javid A., Pandey B.K., Srijan	Performance Evaluation of Clayey Soil Considering Impact of Lime During Electrokinetic Consolidation	2024	Arabian Journal for Science and Engineering	49	4	4527	4537	10.1007/s13369-023-08148-2	2193567X
123	Gupta S., Mehta S.K.	Feature Selection for Dimension Reduction of Financial Data for Detection of Financial Statement Frauds in Context to Indian Companies	2024	Global Business Review	25	2	323	348	10.1177/0972150920928663	9721509
124	Singh R.K., Sharma S.K.	Performance and CEO duality in Indian public banks: a moderating role of board independence	2024	Journal of Accounting in Emerging Economies	14	2	253	272	10.1108/JAEE-11-2022-0320	20421168

125	Singh A.K., Singh S., Gupta M.	A literature review for the association of social media with micro and small enterprises in India	2024	Cases on Social Media and Entrepreneurship			38	62	10.4018/979-8-3693-1781-5.ch003	
126	Singh A., Kumar P., Pathak S., Jain K., Garg P., Pant M., Mahapatro A.K., Singh R.K., Rajput P., Kim S.-K., Maurya K.K., Pant R.P.	Tailored nanoparticles for magnetic hyperthermia: Highly stable aqueous dispersion of Mn-substituted magnetite superparamagnetic nanoparticles by double surfactant	2024	Journal of Alloys and Compounds	976				10.1016/j.jallcom.2023.172999	9258388
127	Aiyub M., Sharma S., Raj K.	ON ALMOST DEFERRED WEIGHTED CONVERGENCE	2024	Journal of Applied Mathematics and Informatics	42	2	245	256	10.14317/jami.2024.245	27341194
128	Sharma M., Verma S., Angurana S.L., Tufail Z., Bhagat V., Nagyal S., Jamwal R.S., Sharma B., Shah R., Bhat A., Chander G., Kumar R.	Exome sequencing identifies ADGRG4 G-protein-coupled receptors gene as a novel cancer biomarker in ovarian cancer patients from North India	2024	Journal of Biochemical and Molecular Toxicology	38	3			10.1002/jbt.23672	10956670
129	Maqbool M., Sharma V.K., Kaushik N.	CNTFET-based SRAM cell design using INDEP technique	2024	e-Prime - Advances in Electrical Engineering, Electronics and	7				10.1016/j.prim.e.2024.100477	27726711
130	Farooq S.A., Mukhtar S.H., Raina A., Ul Haq M.I., Siddiqui M.I.H., Naveed N., Dobrota D.	Effect of TiB2 on the mechanical and tribological properties of marine grade Aluminum Alloy 5052: An experimental investigation	2024	Journal of Materials Research and Technology	29		3749	3758	10.1016/j.jmrt.2024.02.106	22387854

131	Jain A., Kothari R., Tyagi V.V., Kumar Rajamony R., Shakeel Ahmad M., Mohan Singh H., Raina S., Pandey A.K.	Advances in organic solar cells: Materials, progress, challenges and amelioration for sustainable future	2024	Sustainable Energy Technologies and Assessments	63				10.1016/j.seta.2024.103632	22131388
132	Mehta M., Bhushan I.	Potential of biosynthesized titanium dioxide nanoparticles towards wastewater treatment and antimicrobial activity	2024	3 Biotech	14	3			10.1007/s13205-024-03915-w	2190572X
133	Bhat G.R., Sethi I., Sadida H.Q., Rah B., Mir R., Algehainy N., Albalawi I.A., Masoodi T., Subbaraj G.K., Jamal F., Singh M., Kumar R., Macha M.A., Uddin S., Akil A.S.A.-	Cancer cell plasticity: from cellular, molecular, and genetic mechanisms to tumor heterogeneity and drug resistance	2024	Cancer and Metastasis Reviews	43	1	197	228	10.1007/s10555-024-10172-z	1677659
134	Sharma V.K., Kaushik N.	Ultra-optimized demultiplexer unit design in quantum-dot cellular automata nanotechnology	2024	e-Prime - Advances in Electrical Engineering, Electronics and	7				10.1016/j.prim.e.2024.100445	27726711
135	Islam A., Pandey A.K., Saidur R., Tyagi V.V.	Shape stable composite phase change material with improved thermal conductivity for electrical-to-thermal energy conversion and storage	2024	Materials Today Sustainability	25				10.1016/j.mtsust.2024.100678	25892347
136	Riyaz S., Sharma V.K., Kaushik N.	Fault-tolerant universal reversible gate design in QCA nanotechnology	2024	e-Prime - Advances in Electrical Engineering, Electronics and	7				10.1016/j.prim.e.2024.100435	27726711

137	Kour D., Negi R., Khan S.S., Kumar S., Kaur S., Kaur T., Sharma B., Dasila H., Kour H., Ramniwas S., Chaubey K.K., Neelam D.K., Yadav A.N.	Microbes mediated induced systemic response in plants: A review	2024	Plant Stress	11				10.1016/j.stress.2023.100334	2667064X
138	Haq S.U., Sharma V.K.	Ternary encoder and decoder designs in RRAM and CNTFET technologies	2024	e-Prime - Advances in Electrical Engineering, Electronics and	7				10.1016/j.prim.e.2023.100397	27726711
139	Kour H., Gupta M.K.	Hybrid evolutionary intelligent network for sentiment analysis using Twitter data during COVID-19 pandemic	2024	Expert Systems	41	3			10.1111/exsy.13489	2664720
140	Kothari R., Azam R., Singh H.M., Kumar P., Kumar V., Singh R.P., Tyagi V.V.	Nutrients Sequestration from Slaughterhouse Wastewater with Kinetic Model Studies Using <i>C. vulgaris</i> for Lipid Production and Reduction in Freshwater Footprint: A Synergistic	2024	Waste and Biomass Valorization	15	3	1807	1818	10.1007/s12649-023-02226-0	18772641
141	Kumari M., Gupta V., Kumar N., Arun R.K.	Microfluidics-Based Nanobiosensors for Healthcare Monitoring	2024	Molecular Biotechnology	66	3	378	401	10.1007/s12033-023-00760-9	10736085
142	Mir T.A., Gopinathan R., Joshi D.P.P.	Revisiting long-run dynamics between financial inclusion and economic growth in developing nations: evidence from CS-ARDL approach	2024	Journal of Financial Economic Policy	16	2	176	193	10.1108/JFEP-07-2023-0186	17576385

143	Bharti S., Ghetiya N., Patel K., Dutta V., Satyavathi Yedida V.V.	A study on the influence of SiC, Al ₂ O ₃ , Gr, and CNT reinforcement on hardness property of aluminum AA5083 surface composite produced by Friction Stir Processing	2024	AIP Conference Proceedings	2986	1			10.1063/5.0193420	0094243X
144	Bharti S., Ghetiya N., Patel K., Dutta V., Singh P.	Influence of Tool Tilt Angle on the Hybrid Surface Composite of AA5083/(SiC-Gr) Produced by Friction Stir Processing	2024	AIP Conference Proceedings	2986	1			10.1063/5.0193421	0094243X
145	Jangotra S., Dutta V., Singh B., Bharti S., Singh P.	Reinforcement of Different Particulates in Aluminum Alloy by Friction Stir Process Technique - A Review	2024	AIP Conference Proceedings	2986	1			10.1063/5.0196282	0094243X
146	Meenu M., Choudhary P., Kaushal P., Verma N., Yadav Y.K., Kalra S., Sharma H., Xu B.	New Insights into Recent Trends and Emerging Technologies in Apple Sorting	2024	ACS Food Science and Technology	4	2	290	303	10.1021/acsfoodscitech.3c00552	26921944
147	Kalidasan B., Divyabharathi R., Chinnasamy S., Buddhi D., Tyagi V.V.	Energizing eutectic salt hydrate phase change material using 2D carbon based graphene nanoparticle	2024	E3S Web of Conferences	488				10.1051/e3sconf/202448802018	25550403
148	Chopra K., Kumar A., Kumar Pathak S., Tyagi V.V., Pandey A.K., Mansor M.	Impact of sensible storage material and copper fins on the performance of serpentine tube type vacuum tube collector system: Energy, technical and financial assessment	2024	Thermal Science and Engineering Progress	48				10.1016/j.tsep.2024.102422	24519049

149	Kothari R., Azam R., Bharti A., Gorla K., Allen T., Ashokkumar V., Pathania D., Singh R.P., Tyagi V.V.	Biobased treatment and resource recovery from slaughterhouse wastewater via reutilization and recycling for sustainable waste approach	2024	Journal of Water Process Engineering	58				10.1016/j.jwpe.2023.104712	22147144
150	Ul Haq S., Abbasian E., Sharma V.K., Khurshid T., Fathi H.	Energy-Efficient High-Speed dynamic logic-based One-Trit multiplier in CNTFET technology	2024	AEU - International Journal of Electronics and Communications	175				10.1016/j.aeue.2023.155088	14348411
151	Kumar M., Dwivedi D., Kumar N., Singh V., Jangra V.	Voltage controlled oscillator with active inductive and capacitive tuning	2024	International Journal of Information Technology (Singapore)	16	2	1015	1022	10.1007/s41870-023-01670-4	25112104
152	Kaze C.R., Cengiz Ö., Jiofack S.B.K., Makone C.E., Jindal B.B., Lecomte-Nana G.L.	Investigation on the mechanical and microstructural properties of meta-halloysite-based geopolymer mortars cured at room temperature	2024	Journal of the Australian Ceramic Society	60	1	249	262	10.1007/s41779-023-00977-6	25101560
153	Singh S.K., Sinha A., Singh H., Mahanti A., Patel A., Mahajan S., Pandit A.K., Varadarajan V.	A novel deep learning-based technique for detecting prostate cancer in MRI images	2024	Multimedia Tools and Applications	83	5	14173	14187	10.1007/s11042-023-15793-0	13807501
154	Shukla C., Gupta D., Pandey B.K., Bhakar S.R.	Suitability assessment of different cladding materials for growing bell pepper under protected cultivation structures using multi-criteria decision-making technique	2024	Environment, Development and Sustainability	26	2	3713	3733	10.1007/s10668-022-02854-x	1387585X

155	Singh H.M., Tyagi V.V., Ahmad S., Kothari R.	Optimization of flocculation efficiency of <i>Chlorella pyrenoidosa</i> with CaCl ₂ using the Box-Behnken design of response surface methodology: A cost effective statistical investigation	2024	Biomass Conversion and Biorefinery	14	3	3261	3273	10.1007/s13399-022-02491-4	21906815
156	Kumar Goyal R., Eswaramoorthy M.	Theoretical and experimental analysis of box-type solar cooker with sensible heat storage	2024	Solar Energy	268				10.1016/j.soler.2023.112273	0038092X
157	Mahajan A., Majumdar K.	Environmental stringency and competitive export strengths: a study in context of environmentally sensitive goods in G20	2024	International Journal of Social Economics	51	1	98	114	10.1108/IJSE-08-2022-0560	3068293
158	Goria K., Singh H.M., Singh A., Kothari R., Tyagi V.V.	Insights into biohydrogen production from algal biomass: Challenges, recent advancements and future directions	2024	International Journal of Hydrogen Energy	52		127	151	10.1016/j.ijhydene.2023.03.174	3603199
159	Taggar R., Mahajan A.I., Maini A.	Investigating Academic Achievement Satisfaction of Students in India: An Application of ANN Model	2024	Academia (Greece)		37	57	76	10.26220/aca.5053	22411402
160	Singh K., Ul Haq M.I., Mohan S.	Synergism of h-BN and La ₂ O ₃ in improving the tribological performance of Al ₂ O ₃ coatings	2024	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of					10.1177/13506501241272777	13506501

161	Sharma R., Khan R.A., Sapkal V., Dogra V.K.	Effect of Ground-Granulated Blast Furnace Slag and Copper Slag on the Fresh and Hardened Properties of Self-Compacting Concrete	2024	Lecture Notes in Civil Engineering	441 LNCE		565	575	10.1007/978-981-99-8465-7_41	23662557
162	Srijan S., Gupta A.K.	A Basic Study on Ground Improvement Techniques and Its Applications	2024	Lecture Notes in Civil Engineering	441 LNCE		115	126	10.1007/978-981-99-8465-7_9	23662557
163	Badyal P., Sharma S., Singh K.	Characterizations of rectifying curves under conformal transformation using Darboux frame in Euclidean 3-Space	2024	Asian-European Journal of Mathematics					10.1142/S1793557124500955	17935571
164	Jibran Z.A.P., Jha K.R., Sharma S.K., Shukla A.	An ultra-thin switched state active frequency selective surface absorber with wide bandwidth using semi-analytical method	2024	IET Microwaves, Antennas and Propagation					10.1049/mia2.12511	17518725
165	Mahajan S., Joshi K., Pandit A.K., Pathak N.	Integrating Metaheuristics in Computer Vision for Real-World Optimization Problems	2024	Integrating Metaheuristics in Computer Vision for Real-World Optimization			1	343	10.1002/9781394230952	
166	Mahajan S., Joshi K., Pandit A.K., Pathak N.	Preface	2024	Integrating Metaheuristics in Computer Vision for Real-World Optimization			xv	xvi		

167	Sharma M., Tyagi V., Kouser R., Kumari K., Chopra K., Kothari R.	Green Hydrogen and Climatic Change: Current Status and Future Outlook	2024	ACS Symposium Series	1474		31	54	10.1021/bk-2024-1474.ch002	976156
168	Gupta R., Das A.K.	On two types of closure operators associated with networks	2024	International Journal of Computer Mathematics: Computer					10.1080/23799927.2024.2409118	23799927
169	Bukhari S., Abas B., Farrukh M., Zargar S.M.	Innovative horizons: the role of cultural intelligence in encouraging constructive deviance and the mediating role of employee engagement in hotels	2024	Journal of Hospitality and Tourism Insights					10.1108/JHTI-01-2024-0116	25149792
170	Singh K., Mohan S., Ruggiero A., Bazli L., Ul Haq M.I.	Biocompatibility and mechanical performance of magnesium alloys for biomedical application- a state of the art review	2024	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of					10.1177/13506501241275231	13506501
171	Boora K., Pansotra P.J.	Minimizing harmonics in a CHBMLI using the Grey Wolf Optimizer	2024	2024 Asia Pacific Conference on Innovation in Technology, APCIT 2024					10.1109/APCIT62007.2024.10673582	
172	Kumar R., Sharma S.K., Sharma A.K., Musarleen M.	On q-Fibonacci Cesàro Sequence Spaces by Using Band Matrix	2024	Iranian Journal of Science					10.1007/s40995-024-01706-9	27318095

173	Sharma A., Singh B., Sarkar P.	Internet of Things Enabled Adjustable Ramp System for Productivity Enhancement of Micro, Small and Medium Enterprises †	2024	Engineering Proceedings	66	1			10.3390/engproc2024066004	26734591
174	Khan S.S., Rasool S., Kour H., Sharma Y., Kour D., Gabba D., Avatsingh A.U., Gola U., Rai P.K., Yadav N., Kaur T., Devi R., Yadav A.N.	Global scenario of endophytic fungal research: Biodiversity and biotechnological applications	2024	Endophytic Fungi: the Full Story of the Untapped Treasure			385	423	10.1016/B978-0-323-99314-2.00019-X	
175	Hans A., Choudhary F.S., Sudan T.	Behavioral determinants of investment decisions: evidence from Indian retail equity investors in the wake of COVID-19 induced financial risks	2024	International Journal of Accounting and Information Management					10.1108/IJAIM-03-2024-0091	18347649
176	Shafi M., Jha R.K., Jain S., Gupta M., Zahra Z.	Safeguarding the Internet of Health Things: advancements, challenges, and trust-based solution	2024	Telecommunication Systems					10.1007/s11235-024-01211-9	10184864
177	Sharma S.K., Bhat V.K.	Some Convex Polytopes Joining Paths and Their Metric Dimension	2024	Journal of Combinatorial Mathematics and Combinatorial Computing	120		177	190	10.61091/jcmcc-120-15	8353026
178	Parrey Z.A., Dar A.B., Paul M.	Revisiting precious metal mining stocks and precious metals as hedge, diversifiers and safe-havens: a multidimensional scaling and wavelet quantile correlation perspective	2024	Empirical Economics					10.1007/s00181-024-02659-z	3777332

179	Bhardwaj L., Pandey N., Meena A.K., Boora K.	IoT Integrated Automatic Environmental Monitoring System	2024	2nd International Conference on Sustainable Computing and Smart Systems,			385	390	10.1109/ICSCSS 60660.2024.10 625545	
180	Ahuja A., Sharma M., Mallubhotla S.	Bacosides neurotropic molecules production by tissue cultures of Bacopa monnieri (L.) Wettst	2024	Biotechnological Production of Bioactive Phytochemicals of Medicinal Value: a			353	373	10.1016/B978-0-443-21818-7.00010-1	
181	Negi S., Bhat V.K.	Face Index of Silicon Carbide Structures: An Alternative Approach	2024	Silicon					10.1007/s1263 3-024-03119-0	1876990X
182	Khurshid T., Singh V.	Low power and energy efficient design of ternary D-latch based on CNTFET-RRAM technology	2024	International Journal of Information Technology (Singapore)					10.1007/s4187 0-024-02135-y	25112104
183	Taggar T., Sharma S., Sharma S.	Advances in Computer-Aided Detection and Diagnosis of Retinal Diseases: A Comprehensive Survey of Fundal Image Analysis	2024	Lecture Notes in Networks and Systems	1001 LNNS		49	60	10.1007/978-3-031-60935-0_5	23673370
184	Singh K., Sharma S., Bhardwaj A.K.	Some aspects of normal curve on smooth surface under isometry	2024	Demonstratio Mathematica	57	1			10.1515/dema-2024-0017	23914661

185	Khajuria M., Bhat S.A., Mittal S.K., Raina R., Biswas P.	Upconversion and Downshifting Luminescence from K ₂ SrVO ₄ :Er ³⁺ Nanophosphor with Judd–Ofelt Parameters	2024	Journal of Fluorescence					10.1007/s10895-024-03887-3	10530509
186	Manoj R., Sharma A., Sharma S.	Using Machine Learning to Unveil Early Signs of Parkinson’s Disease: A Review	2024	Lecture Notes in Networks and Systems	991 LNNS		619	631	10.1007/978-981-97-2550-2_44	23673370
187	Sharma S., Kaushik B.	FeaTrim-ViT: Vision Transformer Trimming with One Shot Neural Architecture Search in Continuous Optimisation Space and Efficient Feature Selection	2024	Lecture Notes in Networks and Systems	991 LNNS		73	85	10.1007/978-981-97-2550-2_8	23673370
188	Guleria S.S., Choudhary R., Singh R., Hazra P.	Design and Fabrication of PCB-Based Proximity Sensors for Application in Automatic Railway Crossing System	2024	Lecture Notes in Networks and Systems	991 LNNS		65	71	10.1007/978-981-97-2550-2_7	23673370
189	Godara R.K., Mengi A., Sharma A., Sharma S.	Detecting Depressive Symptoms on Social Media: A Comprehensive Review of Methodologies and Strategies for Suicide Prevention	2024	Lecture Notes in Networks and Systems	991 LNNS		87	100	10.1007/978-981-97-2550-2_9	23673370
190	Taggar T., Sharma S., Sharma P.	Intelligent Diagnosis of Autism Spectrum Disorder: Harnessing Machine Learning for Enhanced Early Detection	2024	Lecture Notes in Networks and Systems	991 LNNS		369	378	10.1007/978-981-97-2550-2_27	23673370

191	Salaria A., Mengi S., Gondhi N.	Bridging the Disparity: A Web-Based Enrollment Management System to Improve Rate of Application Fee Payments in University Admission	2024	Lecture Notes in Networks and Systems	991 LNNS		423	437	10.1007/978-981-97-2550-2_31	23673370
192	Singh D.P., Kaushik B., Khan Y.F., Chadha A., Mahajan A., Jandwani A., Narula G.S.	Emerging Trends of Artificial Intelligence in Detecting Neurodegeneration	2024	Lecture Notes in Networks and Systems	991 LNNS		591	601	10.1007/978-981-97-2550-2_42	23673370
193	Slathia H., Bakshi V., Sharma P.	Machine Learning Innovations in Polycystic Ovarian Syndrome Diagnosis: A Comprehensive Review	2024	Lecture Notes in Networks and Systems	991 LNNS		603	617	10.1007/978-981-97-2550-2_43	23673370
194	Kumar S., Sunanda, Arora S.	A Naïve Performance Metric Parameter for an Intrusion Detection System Model	2024	Lecture Notes in Electrical Engineering	1194		649	665	10.1007/978-981-97-2839-8_45	18761100
195	Verma S.K., Thappa S., Gupta V., Gupta N., Anand S., Anand Y.	Experimental Assessment of Thermal Comfort in the Enclosed Space of a Residential Building in Jammu Region: A Case Study	2024	Advances in 21st Century Human Settlements	Part F3155		421	431	10.1007/978-981-99-8811-2_36	21982546
196	Seth S., Dutta S.	Biophilic Design: A New Approach Towards Sustainable and Restorative Environment	2024	Advances in 21st Century Human Settlements	Part F3155		711	720	10.1007/978-981-99-8811-2_60	21982546

197	Gupta S., Gupta A., Gupta N., Sharma A.	Kinesthetics of a Staircase	2024	Advances in 21st Century Human Settlements	Part F3155		487	498	10.1007/978-981-99-8811-2_41	21982546
198	Gupta V., Gupta N., Khajuria A., Gupta A., Dutta S.	Perforated Screens of India: Learning from Traditional and Contemporary Reflections	2024	Advances in 21st Century Human Settlements	Part F3155		923	934	10.1007/978-981-99-8811-2_75	21982546
199	Sharma M., Tyagi V.V., Chopra K., Kothari R.	Experimental Investigation for Enhancement of Solar Still Performance for Wastewater Treatment with the Influence of Encapsulated Phase Change Material	2024	Energy Technology					10.1002/ente.202400325	21944288
200	Prakash D., Gupta A.	Introduction to computer-aided diagnosis (CAD) tools and applications	2024	Advances in Computers					10.1016/bs.adcom.2024.07.001	652458
201	Bhutto Y.A., Pandey A.K., Saidur R., Islam A., Balasubramanian K., Buddhi D., Tyagi V.V.	Examining the Thermophysical Impact of Low Concentrated Nanoparticles Hexagonal Boron Nitride Embedded in Phase Change Material for Photo to Thermal Energy Conversion	2024	Energy Technology					10.1002/ente.202400336	21944288
202	Sharma A., Dwivedi A.V.	A diachronic study of locative postpositions in Hindi	2024	Topics in Linguistics	25	1	83	94	10.17846/topling-2024-0006	13377590

203	Sudan T., Taggar R.	Assessing trade supply chain vulnerability and trade participation of SMEs in India: insights from a comprehensive analysis	2024	International Journal of Productivity and Performance Management					10.1108/IJPPM-12-2023-0645	17410401
204	Kumar A., Gupta V., Sharma S., Anand Y., Chopra K.	Analysis of fracture in a receiver tube of parabolic trough collectors by extended finite element method	2024	Enriched Numerical Techniques: Implementation and Applications			393	407	10.1016/B978-0-443-15362-4.00001-2	
205	Gupta V., Verma S.K., Thappa S., Anand S., Jameel A., Anand Y.	Implementation issues in extended isogeometric analysis	2024	Enriched Numerical Techniques: Implementation and Applications			297	317	10.1016/B978-0-443-15362-4.00012-7	
206	Thappa S., Verma S.K., Gupta V., Sharma S., Anand Y., Anand S.	Extended isogeometric analysis for thermal absorber coatings	2024	Enriched Numerical Techniques: Implementation and Applications			361	377	10.1016/B978-0-443-15362-4.00018-8	
207	Gupta V., Verma S.K., Anand S., Anand Y.	Extended isogeometric analysis for modeling strong discontinuities	2024	Enriched Numerical Techniques: Implementation and Applications			319	334	10.1016/B978-0-443-15362-4.00021-8	
208	Bhat V.K., Singh P.	ON DIAMETER AND GIRTH OF PRODUCT OF ZERO-DIVISOR GRAPHS	2024	Turkish World Mathematical Society Journal of Applied and Engineering	14	3	921	933		21461147

209	Gupta V., Verma S.K., Anand S., Thappa S., Sharma S., Jameel A., Anand Y.	Extended isogeometric analysis for linear elastic materials under thermomechanical loading	2024	Enriched Numerical Techniques: Implementation and Applications			335	359	10.1016/B978-0-443-15362-4.00015-2	
210	Sudan T., Hans A., Taggar R.	Transformative learning with ChatGPT: analyzing adoption trends and implications for business management students in India	2024	Interactive Technology and Smart Education					10.1108/ITSE-10-2023-0202	17415659
211	Ashok M., Gupta A.	Software based medical/dental analysis	2024	Advances in Computers					10.1016/bs.adcom.2024.06.003	652458
212	Srijan, Somra K., Kharra P., Singh S.	Use of Sustainable Material as Column Filler in Soft Clay Bed Reinforced with Stone Column: Numerical Study	2024	IOP Conference Series: Earth and Environmental Science	1326	1			10.1088/1755-1315/1326/1/012115	17551307
213	Bali R., Malhotra I., Kumar A.	'Reinvisibilisation' of Indian Migrant Labours during/post COVID-19 Pandemic: A Biopolitical Study	2024	Space and Culture, India	12	1	5	24	10.20896/saci.v12i1.1402	20528396
214	Srijan, Harshit V., Abhivak S.	A study on the behaviour of soft clay under embankment loading	2024	IOP Conference Series: Earth and Environmental Science	1326	1			10.1088/1755-1315/1326/1/012120	17551307

215	Puri K., Paltasingh K.R., Mohanty C.K.	Are crimes against women in India converging? Some empirical observations	2024	Global Crime					10.1080/17440572.2024.2371315	17440572
216	Bali R., Malhotra I.	Forced Migration as a “State of Exception”: The Precarious Lives of Migrant Women of Jammu and Kashmir in Kulvir Gupta’s Embers the Beginning and Embers the End of	2024	Journal of International Women's Studies	26	3				15398706
217	Kour N., Gupta S., Arora S.	A vision-based hybrid ensemble learning approach for classification of gait disorders	2024	Multimedia Tools and Applications					10.1007/s11042-024-19673-z	13807501
218	Raina S., Kothari R., Tyagi V.V.	Utilization of Wastewater with Optimized Voltage for Electrolytic Green Hydrogen Production: Experimental Study	2024	Malaysian Journal of Chemistry	26	3	258	263	10.55373/MJCH-EM.V26i3.258	15112292
219	Bharti A., Kothari R., Chib S., Pathania D., Shankarayan R.	Impact of Stationary Algal Biofilm Adhesion on Substrate’s Surface for Biomass Harvesting and Treatment of Wastewater: Experimental Investigation	2024	Malaysian Journal of Chemistry	26	3	134	140	10.55373/mjchem.v26i3.134	15112292
220	Srijan, Gupta A.K.	Numerical Investigation of Behaviour of Geosynthetic Encased Stone Column in Soft Clay Bed	2024	Lecture Notes in Civil Engineering	478 LNCE		153	160	10.1007/978-981-97-1745-3_14	23662557

221	Kumar S., Shersingh, Kumar S., Verma K.	Malware Classification Using Machine Learning Models	2024	Procedia Computer Science	235		1419	1428	10.1016/j.procs.2024.04.133	18770509
222	S S.K., Ahmed S.T., Fathima A.S., Mathivanan S.K., Jayagopal P., Saif A., Gupta S.K., Sinha G.	iLIAC: An approach of identifying dissimilar groups on unstructured numerical image dataset using improved agglomerative clustering technique	2024	Multimedia Tools and Applications					10.1007/s11042-024-19545-6	13807501
223	Mahajan A., Kaushik B., Rahmani M.K.I., Banga A.S.	A Hybrid Feature Selection and Ensemble Stacked Learning Models on Multi-Variant CVD Datasets for Effective Classification	2024	IEEE Access	12		87023	87038	10.1109/ACCESS.2024.3412077	21693536
224	Deshmukh A.A., Alsaadi M., Pamba R.V., Suri A., Khan R., Dutta A.K., Gupta K.G., Quraishi A.	Trusted Personalized and Contextualized E-Commerce Services for Consumer Electronics over Wireless Sensor Network	2024	IEEE Transactions on Consumer Electronics			1	1	10.1109/TCE.2024.3414274	983063
225	Singh M., Bhat V.K.	On hendecagonal circular ladder and its metric dimension	2024	International Journal of Computer Mathematics: Computer	9	3	202	210	10.1080/23799927.2024.2364650	23799927
226	Ayman-Mursaleen M., Nasiruzzaman M., Sharma S.K., Cai Q.-B.	Invariant means and lacunary sequence spaces of order (α, β)	2024	Demonstratio Mathematica	57	1			10.1515/dema-2024-0003	23914661

227	Kumari A., Khan M.N., Sinha A.K.	Harvesting Intelligence: AI and ML Revolutionizing Agriculture	2024	Data-Driven Farming: Harnessing the Power of AI and Machine Learning			126	141	10.1201/9781003485179-7	
228	Kumar S., Raina S.	Performance measurement of Indian banking sector: a cross-section perspective	2024	International Journal of Business and Globalisation	37	2	210	236	10.1504/IJBG.2024.138633	17533627
229	Raj K., Choudhary A., Mursaleen M.	Applications of Fractional Difference Operators for New Version of Brudno-Mazur Orlicz Bounded Consistency Theorem*	2024	Boletim da Sociedade Paranaense de Matematica	42				10.5269/bspm.62670	378712
230	Farooq U.B., Jha K.R., Sharma S.K.	Simplified Biasing AFSS Microwave Absorber	2024	2024 IEEE Wireless Antenna and Microwave Symposium, WAMS 2024					10.1109/WAMS59642.2024.10527916	
231	Nikhitha D., Kamboj K., Gupta A., Boora K., Kumar V.	Cost Analysis and Sustainability of Electrical Vehicles Vs Internal Combustion Engine based Vehicles for Two Wheelers	2024	2024 3rd International Conference for Innovation in Technology,					10.1109/INOCN60754.2024.10511677	
232	Maken P., Gupta A., Rana S.S.	Watermarking over medical images	2024	Advances in Computers					10.1016/bs.adcom.2024.04.001	652458

233	Singh K., Sharma S., Lone M.S.	Geometric invariants properties of osculating curves under conformal transformation in Euclidean space $\mathbb{R}^3$	2024	Demonstratio Mathematica	57	1			10.1515/dema-2023-0145	23914661
234	Sharma S., Kumar R., Kuaban G.S., Soodan B.S., Singh P.	Performance and cost evaluation of an adaptive queuing system with customer reneging and retention: steady-state and transient analysis	2024	International Journal of Services, Economics and Management	15	3	254	272	10.1504/IJSEM.2024.138336	17530822
235	Sharma S., Gupta M.K.	Supervised Learning Approaches for Deceit Identification: Exploring EEG as a Non-invasive Technique	2024	Lecture Notes in Networks and Systems	918		179	190	10.1007/978-981-97-0641-9_12	23673370
236	Bhat A., Shah R., Kumar R.	A Systematic Evaluation of Alternative Splicing and Cancer: A Review	2024	Alternative Splicing and Cancer			185	202		
237	Kothari R., Singh H.M., Gorla K., Raina S., Tyagi V.V., Ahmad S., Singh R., Sharma A., Sheoran S., Bruno F., Buddhi D.	Utilization of rice crop residue to fortify biogas production with mitigation of aerosols for sustainable environment: mechanism, potential strategies, and opportunities	2024	Biomass Conversion and Biorefinery					10.1007/s13399-024-05571-9	21906815
238	Firdous M., Sharma S., Mahajan A.	Breast Cancer Detection from Mammograms Using Deep Learning and Bio-inspired Optimization Algorithm	2024	Signals and Communication Technology	Part F2556		361	373	10.1007/978-3-031-47942-7_31	18604862

239	Haji L.J., Kumar S.	Feature Selection-Based Machine Learning Model for Malware Detection	2024	Signals and Communication Technology	Part F2556		509	520	10.1007/978-3-031-47942-7_43	18604862
240	Kesar A., Kumar Jena P., Kamaiah B., Victor Bekun F., Dehury T.	Correction to: Towards the Quest to Reduce Corruption in BRICS Nations: Is There a Synergy Between Corruption and Economic Growth? (Journal of the Knowledge Economy, (2024),	2024	Journal of the Knowledge Economy					10.1007/s13132-024-01980-3	18687865
241	Mahajan A., Kaushik B.	A Data Preprocessing and Stacking Ensemble Learning Model for Improved CHD Prediction	2024	Lecture Notes in Networks and Systems	953 LNNS		249	258	10.1007/978-3-031-56304-1_16	23673370
242	Bhat V.K., Singh M., Sharma K., Alkandari M., Hanna L.	On the Laplacian Energy of an Orbit Graph of Finite Groups	2024	Utilitas Mathematica	119	1	9	16	10.61091/um119-02	3153681
243	Balasubramanian K., Pandey A.K., Bhutto Y.A., Islam A., Kareri T., Rahman S., Buddhi D., Tyagi V.V.	Evolving Thermal Energy Storage Using Hybrid Nanoparticle: An Experimental Investigation on Salt Hydrate Phase Change Materials for Greener Future	2024	Energy Technology					10.1002/ente.202400248	21944288
244	Shafi M., Jha R.K., Jain S.	6G: Technology Evolution in Future Wireless Networks	2024	IEEE Access	12		57548	57573	10.1109/ACCESS.2024.3385230	21693536

245	SHARMA S.K., BHAT V.K.	SOME PLANAR GRAPHS WITH TEN-SIDED FACES AND THEIR METRIC DIMENSION	2024	Turkish World Mathematical Society Journal of Applied and Engineering	14	2	834	845		21461147
246	Vij R., Arora S.	A Systematic Review on Deep Learning Techniques for Diabetic Retinopathy Segmentation and Detection Using Ocular Imaging Modalities	2024	Wireless Personal Communications	134	2	1153	1229	10.1007/s11277-024-10968-w	9296212
247	Kumar S., Banka H., Kaushik B.	Lightweight group authentication protocol for secure RFID system	2024	Multimedia Tools and Applications					10.1007/s11042-024-19013-1	13807501
248	Pathak S.K., Tyagi V.V.	Comparative thermal performance: An experimental study of self-stored U-pipe vacuum tube collectors operated in closed mode	2024	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	3861	3883	10.1080/15567036.2024.2322015	15567036
249	Gupta V., Thappa S., Verma S.K., Anand S., Jameel A., Anand Y.	Modelling of Embedded Cracks by NURBS-Based Extended Isogeometric Analysis	2024	Smart Innovation, Systems and Technologies	373		187	203	10.1007/978-981-99-6866-4_14	21903018
250	Khajuria P., Sharma V.D., Khajuria A., Prakash R., Choudhary R.J.	Synthesis and Spectroscopic Investigations of Sm ³⁺ Activated ZrO ₂ and Na ₂ ZrO ₃ as Warm Light Phosphors	2024	Journal of Fluorescence					10.1007/s10895-024-03617-9	10530509

251	Chopra C., Sharma D., Kumar V., Bhushan I.	Contraceptives Association with Vaginal Microbiome and RTI: A Cross-Sectional Survey in Females of Jammu and Kashmir, India	2024	Indian Journal of Microbiology					10.1007/s12088-024-01226-5	468991
252	Sharma R.M., Krishna V.R., Saikia T., Suri A., Rivera R., Mavaluru D.	Blockchain-based trusted dispute resolution service architecture	2024	Artificial Intelligence, Blockchain, Computing and Security -	1		670	678	10.1201/9781003393580-100	
253	Kesar A., Jena P.K., Kamaiah B., Bekun F.V., Dehury T.	Towards the Quest to Reduce Corruption in BRICS Nation: Is There a Synergy Between Corruption and Economic Growth?	2024	Journal of the Knowledge Economy					10.1007/s13132-024-01857-5	18687865
254	Sharma D., Bhat A.H.	Performance evaluation of DSTATCOM using retransformation of Clarke transformation technique for supply and load perturbations	2024	International Journal of Power and Energy Conversion	15	1	42	56	10.1504/IJPEC.2024.136848	17571154
255	Kapoor K., Eswaramoorthy M., Goyal D., Nikhil P.G., Bharti P.P.	Enhancing Photovoltaic Connector Reliability: A Comparative Review of Studies with Practical Recommendations	2024	Lecture Notes in Electrical Engineering	1109		219	240	10.1007/978-981-99-8289-9_17	18761100
256	Abas B., Iqbal S., Bukhari S., Villivalam S., Khan M.	A Retrospective of Workplace Deviance in Hospitality: A Two-tier Literature Review	2024	Vision					10.1177/09722629231220990	9722629

257	Sharma E., Malhotra I., Gandotra A.	Navigating Motherhood through Surrogacy: Biological Citizenship and Maternal Agency in Meera Syal's The House of Hidden Mothers (2015)	2024	South Asian Review					10.1080/02759527.2024.2308424	2759527
258	Maqbool M., Sharma V.K.	Review of Carbon Nanotube Field Effect Transistor for Nanoscale Regime	2024	Current Nanoscience	20	4	459	470	10.2174/1573413719666230510101913	15734137
259	Panigrahi A., Khaire R., Hota S., Taggar R., Kumar A.	Sustainability of banking professionals through the mediating role of employee engagement among organisational citizenship behaviour and job satisfaction	2024	Environment and Social Psychology	9	3			10.54517/esp.v9i3.2026	24247979
260	Singh P., Mishra R.K., Singh B., Gupta V.	Mechanical and tribological properties of zinc-aluminium (ZA-27) metal matrix composites: a review	2024	Advances in Materials and Processing Technologies					10.1080/2374068X.2024.2304394	2374068X
261	Singh P., Balasubramanian D., Venugopal I.P., Tyagi V.V., Goel V., Wae-Hayee M., Kalam M.A., Varuvel E.G.	A comprehensive review on the applicability of hydrogen and natural gas as gaseous fuel for dual fuel engine operation	2024	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	1559	1587	10.1080/15567036.2023.2298004	15567036
262	Farooq U., Bhanja N., Rather S.R., Dar A.B.	From pollution to prosperity: Using inverted N-shaped environmental Kuznets curve to predict India's environmental improvement milestones	2024	Journal of Cleaner Production	434				10.1016/j.jclepro.2023.140175	9596526

263	Kour D., Khan S.S., Ramniwas S., Kumar S., Rai A.K., Rustagi S., Chaubey K.K., Singh S., Yadav A.N., Ahluwalia A.S.	Beneficial fungal communities for sustainable development: Present scenario and future challenges	2024	Journal of Applied Biology and Biotechnology	12	1	1	9	10.7324/JABB.2024.148256	2347212X
264	Sharma V.K.	4:2 Compressor Design for Low Leakage Applications in FinFET Technology	2024	IETE Journal of Research	70	7	6361	6369	10.1080/03772063.2023.2294873	3772063
265	Poornima, Pandita S., Mishra H.G., Bhat A.A.	Demystifying dark tourism to develop a future agenda for research: a structured review with bibliometric and TCCM analysis	2024	Journal of Heritage Tourism	19	3	397	427	10.1080/1743873X.2023.2279134	1743873X
266	Singh K., Kumar A., Gupta M.K.	Process Simulation	2024	Computational Science and Its Applications			163	177	10.1201/9781003347484-7	
267	Kajal, Sharma V.K.	NBTI Effect Survey for Low Power Systems in Ultra-Nanoregime	2024	Current Nanoscience	20	3	298	313	10.2174/0115734137252023230919054547	15734137
268	Atri A., Singh V., Khurshid T.	Design of Low Power 11T SRAM Cell Using CNTFET Technology	2024	Smart Innovation, Systems and Technologies	372		205	216	10.1007/978-981-99-6774-2_19	21903018

269	Zargar A.A., Tripathi N.	Cooling High-Powered LEDs Using an Innovative Fully Automated Heat Pipe System	2024	Smart Innovation, Systems and Technologies	372		151	161	10.1007/978-981-99-6774-2_14	21903018
270	Goel V., Dwivedi A., Singh Mehra K., Kumar Pathak S., Tyagi V.V., Bhattacharyya S., Pandey A.K.	Solar drying systems for Domestic/Industrial Purposes: A State-of-Art review on topical progress and feasibility assessments	2024	Solar Energy	267				10.1016/j.solen.2023.112210	0038092X
271	Singh H., Chopra C., Singh H., Malgotra V., Khurshid Wani A., Singh Dhanjal D., Sharma I., Nepovimova E., Alomar S., Singh R., Sharma V., Kuca K.	Gut-brain axis and Alzheimer's disease: Therapeutic interventions and strategies	2024	Journal of Functional Foods	112				10.1016/j.jff.2023.105915	17564646
272	Bhat S.A., Ahmad R., Biswas P., Kour P., Attri R., Mir M.A.	Synthesis and Spectral Study of Ce ³⁺ Activated Sr ₃ (VO ₄) ₂ Nanophosphor	2024	Springer Proceedings in Materials	27		401	406	10.1007/978-981-99-4878-9_56	26623161
273	Sharma S., Taggar T., Gupta M.K.	Early Detection of Alzheimer's Disease Using Advanced Machine Learning Techniques: A Comprehensive Review	2024	Smart Innovation, Systems and Technologies	364		477	486	10.1007/978-981-99-5180-2_37	21903018
274	Wani A.K., Chopra C., Dhanjal D.S., Akhtar N., Singh H., Bhau P., Singh A., Sharma V., Pinheiro R.S.B., Américo-Pinheiro J.H.P., Singh R.	Metagenomics in the fight against zoonotic viral infections: A focus on SARS-CoV-2 analogues	2024	Journal of Virological Methods	323				10.1016/j.jviro.2023.114837	1660934

275	Sharma M., Kaul A.	A review of detecting malware in android devices based on machine learning techniques	2024	Expert Systems	41	1			10.1111/exsy.13482	2664720
276	Varshney M., Sharma A., Prakash D., Verma K.D.	Dielectric, magnetic and structural properties of Co doped CeO2 powders	2024	Journal of Physics and Chemistry of Solids	184				10.1016/j.jpcs.2023.111721	223697
277	Bali A., Singh U.P., Kumar R., Jain S.	Neural networks-based adaptive output-feedback control design for nonlinear systems with dead zone output and uncertain disturbances	2024	International Journal of Control	97	10	2272	2283	10.1080/00207179.2023.2263591	207179
278	Lal S., Bhat V.K., Sharma S.	Topological indices and graph entropies for carbon nanotube Y-junctions	2024	Journal of Mathematical Chemistry	62	1	73	108	10.1007/s10910-023-01520-5	2599791
279	Verma S.K., Gupta V., Thappa S., Gupta N., Gupta A., Dogra V.K., Anand Y., Anand S.	Integrated Modeling Approach for Developing Sustainable Buildings: A State of the Art	2024	Lecture Notes in Civil Engineering	431 LNCE		169	179	10.1007/978-981-99-4665-5_18	23662557
280	Narula G., Dogra V.K., Sharma R., Sapkal V., Bharadwaj K., Sharma A.	Captive Use Mini Hydropower Project for Pumping Station	2024	Lecture Notes in Civil Engineering	371 LNCE		131	137	10.1007/978-981-99-4045-5_11	23662557

281	Lal S., Kumar Bhat V., Sharma K., Sharma S.	Topological indices of lead sulphide using polynomial technique	2024	Molecular Physics	122	3			10.1080/00268976.2023.2249131	268976
282	Saroj, Paltasingh K.R.	What promotes production contract in Indian agriculture? Managing market risk versus profit orientation	2024	Agricultural Economics (United Kingdom)	55	1	140	153	10.1111/agec.12791	1695150
283	Verma S.K., Gupta V., Thappa S., Anand S., Gupta N., Anand Y.	Thermal Performance Analysis of a Commercial Space Exposed to Solar Radiations in the Composite Climatic Conditions	2024	Heat Transfer Engineering	45	10	915	932	10.1080/01457632.2023.2227808	1457632
284	Khan A., Gupta S., Gupta S.K.	UAV-Enabled Disaster Management: Applications, Open Issues, And Challenges	2024	GMSARN International Journal	18	1	44	53		19059094
285	Raoof I., Gupta M.K.	Domain-independent short-term calibration based hybrid approach for motor imagery electroencephalograph classification: a comprehensive review	2024	Multimedia Tools and Applications	83	3	9181	9226	10.1007/s11042-023-15900-1	13807501
286	Mishra A., Gupta S.K.	Intelligent classification of coal seams using spontaneous combustion susceptibility in IoT paradigm	2024	International Journal of Coal Preparation and Utilization	44	7	757	779	10.1080/19392699.2023.2217747	19392699

287	Sharma S.K., Bhat V.K., Khalifa H.A.E.-W., Alanzi A.M.	Mixed Metric Dimension of Certain Carbon Nanocone Networks	2024	Polycyclic Aromatic Compounds	44	3	2046	2061	10.1080/10406638.2023.2211734	10406638
288	Sharma S.K., Singh M., Bhat V.K.	Vertex-Edge Partition Resolvability for Certain Carbon Nanocones	2024	Polycyclic Aromatic Compounds	44	3	1745	1759	10.1080/10406638.2023.2206142	10406638
289	Narrania D., Raj K.	Approximation via statistical measurable convergence with respect to power series for double sequences	2024	Forum Mathematicum	36	1	53	64	10.1515/forum-2022-0368	9337741
290	Charak V., Sinha A.K., Anand A.	A holistic approach of reconfigurable mould based fused deposition modelling for producing overhanging parts	2024	Australian Journal of Mechanical Engineering	22	4	810	824	10.1080/14484846.2023.2176967	14484846
291	Farooq U., Paul M., Dar A.B.	On the nexus between growth and disaggregated ecological footprints-empirical evidence from India	2024	Journal of Environmental Planning and Management	67	7	1461	1493	10.1080/09640568.2023.2171279	9640568
292	Sharma S.K., Bhat V.K., Singh P.	On metric dimension of some planar graphs with $2n$ odd sided faces	2024	Discrete Mathematics, Algorithms and Applications	16	1			10.1142/S1793830922501853	17938309

293	Sharma D.	Analysis and Control of DC-Capacitor Voltages for the Neutral-Point Clamped Rectifier	2024	IETE Journal of Research	70	1	852	861	10.1080/03772063.2022.2116358	3772063
294	Gupta V., Singh B., Mishra R.K.	Machinability assessment of AA7075 composite reinforced with rice husk ash using spark erosion machining process	2024	Advances in Materials and Processing Technologies	10	2	1252	1263	10.1080/2374068X.2022.2121075	2374068X
295	Bhardwaj R., Srivastava S.	Dynamic Capabilities of Social Enterprises: A Qualitative Meta-Synthesis and Future Agenda	2024	Journal of Social Entrepreneurship	15	2	400	428	10.1080/19420676.2021.1972030	19420676