

S.no.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end	DOI	ISSN
1	Tewari A.K.	HARMONY IN NATURE: The Role of Right Understanding	2021	Journal of Dharma	46	4	515	532		2537222
2	Kumar R., Soodan B.S., Kuaban G.S., Czekalski P., Sharma S.	Performance Analysis of a Cloud Computing System using Queuing Model with Correlated Task Reneging	2021	Journal of Physics: Conference Series	2091	1			10.1088/1742-6596/2091/1/012003	17426588
3	Khajuria O., Sharma N.	Epigenetic targeting for lung cancer treatment via CRISPR/Cas9 technology	2021	Advances in Cancer Biology - Metastasis	3				10.1016/j.adcan.c.2021.100012	26673940
4	Sharma S.K., Bhat V.K.	Rotationally symmetrical plane graphs and their Fault-tolerant metric dimension	2021	Annals of the University of Craiova,	48	2	307	318		12236934
5	Sharma D., Tripathi N.	FEM Analysis of Microcantilever MEMS for Measuring Rheological Properties of Blood	2021	Micro and Nanosystems	13	4	458	466	10.2174/1876402912999201216114136	18764029
6	Kajal, Sharma V.K.	An Investigation for the Negative-Bias Temperature Instability Aware CMOS Logic	2021	Micro and Nanosystems	13	4	405	417	10.2174/1876402913666210125144339	18764029
7	Singh P., Mishra R.K., Singh B.	Tribological behaviour of lamb bone ash and boron carbide reinforced ZA-27 hybrid metal matrix composites under dry sliding conditions	2021	Surface Topography: Metrology and Properties	9	4			10.1088/2051-672X/ac3b1b	2051672X
8	Gupta R.K., Sahu Y., Kunhare N., Gupta A., Prakash D.	Deep Learning Based Mathematical Model for Feature Extraction to Detect Corona Virus Disease using Chest X-ray Images	2021	International Journal of Uncertainty, Fuzziness and	29	6	921	947	10.1142/S0218488521500410	2184885
9	Vimal V., Singh K.U., Kumar A., Gupta S.K., Rashid M., Saket R.K., Padmanaban S.	Clustering Isolated Nodes to Enhance Network's Life Time of WSNs for IoT Applications	2021	IEEE Systems Journal	15	4	5654	5663	10.1109/JSYST.2021.3103696	19328184
10	Pawar C.A., Sharma A.K., Prasad N.R., Suryawanshi S.S., Yewale M.A.	Murraya koenigii Assisted Synthesis of Bioactive Silver Nanomaterial	2021	Macromolecular Symposia	400	1			10.1002/masy.202100126	10221360
11	Sharma A., Sharma A., Malhotra R., Singh P., Chakraborty R.K., Mahajan S., Pandit A.K.	An accurate artificial intelligence system for the detection of pulmonary and extra pulmonary Tuberculosis	2021	Tuberculosis	131				10.1016/j.tube.2021.102143	14729792

12	Singh Y., Singh S.K., Hazra P.	The Quest for High-Efficiency Thermoelectric Generators for Extracting Electricity from Waste Heat	2021	JOM	73	12	4070	4084	10.1007/s11837-021-04976-5	10474838
13	Salgotra R., Abouhawwash M., Singh U., Saha S., Mittal N., Mahajan S., Pandit A.K.	Multi-population and dynamic-iterative cuckoo search algorithm for linear antenna array synthesis	2021	Applied Soft Computing	113				10.1016/j.asoc.2021.108004	15684946
14	Jha N., Prashar D., Rashid M., Gupta S.K., Saket R.K.	Electricity load forecasting and feature extraction in smart grid using neural networks	2021	Computers and Electrical Engineering	96				10.1016/j.compeleceng.2021.107479	457906
15	Gupta G., Ul Haq M.I., Raina A., Shafi W.K.	Rheological and Tribological Behavior of Sunflower Oil: Effect of Chemical Modification and Tungsten DiSulfide Nanoparticles	2021	Journal of Bio- and Tribo-Corrosion	7	4			10.1007/s40735-021-00593-6	21984220
16	Jamwal R.S., Mahajan N., Bhat G.R., Bhat A., Shah R., Verma S., Sharma M., Sharma B., Qadri R.A., Kumar R., Bhat A.	REV3L single nucleotide variants lead to increased susceptibility towards non-small cell lung cancer in the population of Jammu and Kashmir	2021	Cancer Epidemiology	75				10.1016/j.canep.2021.102047	18777821
17	Sharma M., Verma V., Bairwa N.K.	Genetic interaction between RLM1 and F-box motif encoding gene SAF1 contributes to stress response in <i>Saccharomyces cerevisiae</i>	2021	Genes and Environment	43	1			10.1186/s41021-021-00218-x	18807046
18	Khajuria P., Mahajan R., Prakash R.	Synthesis and luminescent properties of ZrO ₂ and Dy ³⁺ -activated ZrO ₂ powders	2021	Journal of Materials Science: Materials	32	23	27441	27448	10.1007/s10854-021-07120-w	9574522
19	Khan A., Gupta S., Gupta S.K.	Unmanned aerial vehicle-enabled layered architecture based solution for disaster management	2021	Transactions on Emerging Telecommunication	32	12			10.1002/ett.4370	21615748
20	Raina A., Haq M.I.U., Javaid M., Rab S., Haleem A.	4D Printing for Automotive Industry Applications	2021	Journal of The Institution of Engineers (India):	102	2	521	529	10.1007/s40033-021-00284-z	22502122
21	Park J., Kumar S., Han S.-H., Singh V.K., Nam S.-H., Yoo C.-Y., Lee Y.	Multivariate stoichiometric analysis of gadolinium-doped ceria using low-power low-resolution laser-induced breakdown spectroscopy	2021	Optik	247				10.1016/j.ijleo.2021.167919	304026

22	Thappa S., Chauhan A., Anand Y., Anand S.	Thermal and geometrical assessment of parabolic trough collector-mounted double-evacuated receiver tube system	2021	Clean Technologies and Environmental Policy	23	10	2861	2881	10.1007/s10098-021-02205-w	1618954X
23	Shah A.A., Dar A.B.	Exploring diversification opportunities across commodities and financial markets: Evidence from time-frequency based spillovers	2021	Resources Policy	74				10.1016/j.resourpol.2021.102317	3014207
24	Raina A., Irfan Ul Haq M., Anand A., Sudhanraj J.	Lubrication Characteristics of Oils Containing Nanoadditives: Influencing Parameters, Market Scenario and Advancements	2021	Journal of The Institution of Engineers (India): Series D	102	2	575	587	10.1007/s40033-021-00272-3	22502122
25	Singh H.M., Tyagi V.V., Kothari R., Azam R., Khare P., Sari A.	Novel approach for harvesting of microalgal biomass using electric geyser waste material deposit as flocculant in coupling with poultry excreta leachate	2021	Bioresource Technology	341				10.1016/j.biortech.2021.125646	9608524
26	Raj K., Jasrotia S., Mursaleen M.	Applications of Orlicz–Pettis theorem in vector valued multiplier spaces of generalized weighted mean fractional difference operators	2021	Advances in Difference Equations	2021	1			10.1186/s13662-021-03531-5	16871839
27	Lin W., Ma Z., Li K., Tyagi V.V., Pandey A.K.	A dynamic simulation platform for fault modelling and characterisation of building integrated photovoltaics	2021	Renewable Energy	179		963	981	10.1016/j.renene.2021.07.035	9601481
28	Shah A.A., Dar A.B., Bhanumurthy N.R.	Are precious metals and equities immune to monetary and fiscal policy uncertainties?	2021	Resources Policy	74				10.1016/j.resourpol.2021.102260	3014207
29	Chouhan S.S., Singh U.P., Jain S.	Automated Plant Leaf Disease Detection and Classification Using Fuzzy Based Function Network	2021	Wireless Personal Communications	121	3	1757	1779	10.1007/s11277-021-08734-3	9296212
30	Gupta V., Singh B., Mishra R.K.	Microstructural and mechanical characterization of novel AA7075 composites reinforced with rice husk ash and carbonized eggshells	2021	Proceedings of the Institution of Mechanical Engineers, Part L:	235	12	2666	2680	10.1177/14644207211031265	14644207
31	Gupta V., Singh B., Mishra R.K.	Tribological characteristics of AA7075 composites reinforced with rice husk ash and carbonized eggshells	2021	Proceedings of the Institution of Mechanical Engineers, Part L:	235	11	2600	2613	10.1177/14644207211025810	14644207

32	Bhat G.R., Sethi I., Bhat A., Verma S., Bakshi D., Sharma B., Nazir M., Dar K.A., Abrol D., Shah R., Kumar R.	Genetic evaluation of the variants using MassARRAY in non-small cell lung cancer among North Indians	2021	Scientific Reports	11	1			10.1038/s41598-021-90742-1	20452322
33	Singh P., Mishra R.K., Singh B.	Microstructural and mechanical characterization of lamb bone ash and boron carbide reinforced ZA-27 hybrid metal matrix composites	2021	Proceedings of the Institution of Mechanical Engineers, Part L:	235	11	2516	2530	10.1177/14644207211007506	14644207
34	Srivastava A., Gupta S.K., Najim M., Sahu N., Aggarwal G., Mazumdar B.D.	DSSAM: digitally signed secure acknowledgement method for mobile ad hoc network	2021	Eurasip Journal on Wireless Communications and Networking	2021	1			10.1186/s13638-021-01894-7	16871472
35	Majhi P.K., Kothari R., Pandey A., Tyagi V.V.	Adsorptive behavior of free and immobilized Chlorella pyrenoidosa for decolorization	2021	Biomass Conversion and Biorefinery	11	6	3023	3036	10.1007/s13399-020-00770-6	21906815
36	Sharma S.K., Raza H., Bhat V.K.	Computing Edge Metric Dimension of One-Pentagonal Carbon Nanocone	2021	Frontiers in Physics	9				10.3389/fphy.2021.749166	2296424X
37	Goel V., Hans V.S., Singh S., Kumar R., Pathak S.K., Singla M., Bhattacharyya S., Almatrafi E., Gill R.S., Saini R.P.	A comprehensive study on the progressive development and applications of solar air heaters	2021	Solar Energy	229		112	147	10.1016/j.solener.2021.07.040	0038092X
38	Sakshi Popli, Jha R.K., Jain S.	A comprehensive survey on Green ICT with 5G-NB-IoT: Towards sustainable planet	2021	Computer Networks	199				10.1016/j.comnet.2021.108433	13891286
39	Popli S., Jha R.K., Jain S.	Green NOMA assisted NB-IoT based urban farming in multistory buildings	2021	Computer Networks	199				10.1016/j.comnet.2021.108410	13891286
40	Bhushan I., Yadav A.K., Mehta M., Suden P., Khanna P.K.	Assessment of water quality of the mansar lake using physico-chemical parameters and nsf-wqi indicator, ut Jammu & Kashmir, India	2021	Water and Energy International	64r	8	16	21		9744207
41	Chadha A., Kaushik B.	A Survey on Prediction of Suicidal Ideation Using Machine and Ensemble Learning	2021	Computer Journal	64	11	1617	1632	10.1093/comjnl/bxz120	104620

42	Gupta R.S., Tyagi A., Anand S.	Optimal allocation of electric vehicles charging infrastructure, policies and future trends	2021	Journal of Energy Storage	43				10.1016/j.est.2021.103291	2352152X
43	Sharma M., Chopra C., Mehta M., Sharma V., Mallubhotla S., Sistla S., Sistla J.C., Bhushan I.	An insight into vaginal microbiome techniques	2021	Life	11	11			10.3390/life1111229	20751729
44	Kumar S., Bhoulal S., Sharma V., Gupta R., Singh Joorel J.P.	Estimating the problem of non-response and measurement error in sample survey	2021	Journal of Statistics Applications and Probability	10	3	665	675	10.18576/JSAP/100306	20908423
45	Khajuria P., Mahajan R., Prakash R., Choudhary R.J., Phase D.M.	Spectral and optical properties of Ruddlesden-Popper-type Ba ₃ Zr ₂ O ₇ phosphors doped with Eu ³⁺ ion	2021	Applied Physics A: Materials Science and Processing	127	11			10.1007/s00339-021-04956-1	9478396
46	Kumar S., Banka H., Kaushik B., Sharma S.	A review and analysis of secure and lightweight ECC-based RFID authentication protocol for Internet of Vehicles	2021	Transactions on Emerging Telecommunications Technologies	32	11			10.1002/ett.4354	21615748
47	Roy T., Wanchoo S.K., Pal K.	Synergetic proton-conducting effect of sulfonated PEEK-MO ₂ -CNT membranes for PEMFC applications	2021	Ionics	27	11	4859	4873	10.1007/s11581-021-04259-8	9477047
48	Pandey A.K., Reji Kumar R., B K., Laghari I.A., Samykano M., Kothari R., Abusorrah A.M., Sharma K., Tyagi V.V.	Utilization of solar energy for wastewater treatment: Challenges and progressive research trends	2021	Journal of Environmental Management	297				10.1016/j.jenvman.2021.113300	3014797
49	Jasrotia S., Singh U.P., Raj K.	Compatible results on boundedness of matrix operators on weighted Copson sequence spaces	2021	Boletín de la Sociedad Matemática	27	3			10.1007/s40590-021-00367-7	1405213X
50	Puri A., Kumar Gupta M.	Knowledge discovery from noisy imbalanced and incomplete binary class data	2021	Expert Systems with Applications	181				10.1016/j.eswa.2021.115179	9574174

51	Sharma V.K.	Optimal design for 1:2n demultiplexer using QCA nanotechnology with energy dissipation analysis	2021	International Journal of Numerical Modelling:	34	6			10.1002/jnm.2907	8943370
52	Yadav A.K., Jena P.K., Sahni B., Mukhopadhyay D.	Comparative study on maternal healthcare services utilisation in selected Empowered Action Group states of India	2021	Health and Social Care in the Community	29	6	1948	1959	10.1111/hsc.13309	9660410
53	Bhat A.A., Majumdar K.	Structural equation modeling of residents' attitudes and tourism development: a SET based - study of the Kashmir region in India	2021	International Journal of Social Economics	48	10	1492	1515	10.1108/IJSE-12-2020-0815	3068293
54	Sultan A., Saurabh, Bhat A., Gautam K.	Collaboration Competency as a Driver for Improving Performance of Small-Medium Enterprises in Resource Constraint Economies: An Exploratory Study	2021	SCMS Journal of Indian Management	18	4	57	67		9733167
55	Sharma V.K.	Simulation Analysis and Performance Comparison for the Memory Cells	2021	Journal of Electrical and Electronics	14	2	53	58		18446035
56	Pandey M., Gupta A.	A systematic review of the automatic kidney segmentation methods in abdominal images	2021	Biocybernetics and Biomedical Engineering	41	4	1601	1628	10.1016/j.bbe.2021.10.006	2085216
57	Bali M.S., Gupta K., Koundal D., Zaguia A., Mahajan S., Pandit A.K.	Smart architectural framework for symmetrical data offloading in IoT	2021	Symmetry	13	10			10.3390/sym13101889	20738994
58	Devi M., Raj K., Mursaleen M.	Product type operators involving radial derivative operator acting between some analytic function spaces	2021	Mathematics	9	19			10.3390/math9192447	22277390
59	Sharma S.K., Bhat V.K.	On Some Plane Graphs and Their Metric Dimension	2021	International Journal of Applied and Computational	7	5			10.1007/s40819-021-01141-z	23495103

60	Singh G., Tyagi V.V., Chopra K., Pandey A.K., Sharma R.K., Sari A.	Correction to: Energetic and exergetic assessment of two- and three-stage spray drying units for milk processing industry (Journal of the Brazilian Society of Mechanical Sciences and Engineering, (2021), 43, 7, (359), 10.1007/s40430-021-03015-3)	2021	Journal of the Brazilian Society of Mechanical Sciences and Engineering	43	10			10.1007/s40430-021-03130-1	16785878
61	Kothari R., Sahab S., Singh H.M., Singh R.P., Singh B., Pathania D., Singh A., Yadav S., Allen T., Singh S., Tyagi V.V.	COVID-19 and waste management in Indian scenario: challenges and possible solutions	2021	Environmental Science and Pollution Research	28	38	52702	52723	10.1007/s11356-021-15028-5	9441344
62	Singh S.K., Kaushik S.C., Tyagi V.V., Tyagi S.K.	Comparative Performance and parametric study of solar still: A review	2021	Sustainable Energy Technologies and Assessments	47				10.1016/j.seta.2021.101541	22131388
63	Shoket H., Pandita M., Sharma M., Kumar R., Rakwal A., Wazir S., Verma V., Salunke D.B., Bairwa N.K.	Genetic interaction between F-box motif encoding YDR131C and retrograde signaling-related RTG1 regulates the stress response and apoptosis in <i>Saccharomyces cerevisiae</i>	2021	Journal of Biochemical and Molecular Toxicology	35	10			10.1002/jbt.22864	10956670
64	Tyagi V.V., Chopra K., Kalidasan B., Chauhan A., Stritih U., Anand S., Pandey A.K., Sari A., Kothari R.	Phase change material based advance solar thermal energy storage systems for building heating and cooling applications: A prospective research approach	2021	Sustainable Energy Technologies and Assessments	47				10.1016/j.seta.2021.101318	22131388
65	Shah A.A., Paul M., Bhanja N., Dar A.B.	Dynamics of connectedness across crude oil, precious metals and exchange rate: Evidence from time and frequency domains	2021	Resources Policy	73				10.1016/j.resourpol.2021.102154	3014207
66	Sharma S., Kaul A., Ahmed S., Sharma S.	A detailed tutorial survey on VANETs: Emerging architectures, applications, security issues, and solutions	2021	International Journal of Communication	34	14			10.1002/dac.4905	10745351
67	Sannigrahi S., Ghatak S.R., Acharjee P.	Integration of Sectionalizing Switches in Reconfigured Distribution System	2021	2021 IEEE 4th International Conference on Computing, Power					10.1109/GUCO N50781.2021.9573764	

68	Sharma S.K., Bhat V.K.	On metric dimension of plane graphs j_n , k_n and l_n	2021	Journal of Algebra Combinatorics Discrete Structures	8	3	197	212	10.13069/jacod esmath.100084 2	2148838X
69	Altaf I., Kaul A.	Vulnerable road user safety: A systematic review and mesh-networking based vehicle ad hoc system using hybrid of neuro-fuzzy and genetic algorithms	2021	International Journal of Communication Systems	34	13			10.1002/dac.49 07	10745351
70	Raoof I., Gupta M.K.	A Study of Semi Supervised based approaches for Motor Imagery Signal Generation	2021	Proceedings of the 3rd International Conference on Inventive Research in Computing			1312	1316	10.1109/ICIRCA 51532.2021.954 4962	
71	Sharma D., Vashishtha A., Gupta M.K.	Review of credit risk and credit scoring models based on computing paradigms in financial institutions	2021	Journal of Credit Risk	17	3	63	77	10.21314/JCR.2 021.006	17446619
72	Jayalakshmi S., Singh R.A., Mohan S., Sankaranarayanan S., Konovalov S., Chen X., Gupta M.	Mechanical Properties and Tribological Behavior of Magnesium Metal Matrix Composites With Micron-Sized and Nano-Sized Reinforcements	2021	Encyclopedia of Materials: Metals and Alloys			26	45	10.1016/B978-0- 12-819726- 4.00045-4	
73	Mehta M., Sharma M., Pathania K., Jena P.K., Bhushan I.	Degradation of synthetic dyes using nanoparticles: a mini-review	2021	Environmental Science and Pollution Research	28	36	49434	49446	10.1007/s11356- 021-15470-5	9441344
74	Singh P., Mishra R.K., Singh B.	Tribological behaviour of eggshell ash and boron carbide reinforced ZA-27 hybrid metal matrix composites under dry sliding conditions	2021	Surface Topography: Metrology and Properties	9	3			10.1088/2051- 672X/ac1916	2051672X
75	Kumar G., Singh U.P., Jain S.	Hybrid evolutionary intelligent system and hybrid time series econometric model for stock price forecasting	2021	International Journal of Intelligent Systems	36	9	4902	4935	10.1002/int.224 95	8848173
76	Priya I., Sharma I., Sharma S., Gupta S., Arora M., Bhat G.H.R., Mahajan R., Kapoor N.	Genetic association of DISC1 variant rs3738401 with susceptibility to Schizophrenia risk in North Indian population	2021	Meta Gene	29				10.1016/j.mgen e.2021.100923	22145400
77	Kajal, Sharma V.K.	Design and Simulation for NBTI Aware Logic Gates	2021	Wireless Personal Communications	120	2	1525	1542	10.1007/s11277- 021-08522-z	9296212

78	Kumar R., Sharma S.	Transient analysis of a Markovian queuing model with multiple-heterogeneous servers, and customers' impatience	2021	OPSEARCH	58	3	540	556	10.1007/s12597-020-00495-0	303887
79	Sharma P., Biswas P., Singh P., Kamni	Effect of transition metal Mn ²⁺ ion doping on the structural, spectral and photoluminescent properties of NaSrVO ₄ prepared by combustion synthesis	2021	Journal of Alloys and Compounds	872				10.1016/j.jallcom.2021.159626	9258388
80	Choudhary A., Jasrotia S., Raj K.	APPLICATIONS OF FRACTIONAL DIFFERENCE OPERATOR TO DEVELOP BINOMIAL DIFFERENCE SEQUENCE SPACES AND THEIR TOEPLITZ DUALS	2021	Indian Journal of Mathematics	63	2	243	261		195324
81	Sharma B., Angurana S., Bhat A., Verma S., Bakshi D., Bhat G.R., Jamwal R.S., Amin A., Qadri R.A., Shah R., Kumar R.	Genetic analysis of colorectal carcinoma using high throughput single nucleotide polymorphism genotyping technique within the population of Jammu and Kashmir	2021	Molecular Biology Reports	48	8	5889	5895	10.1007/s11033-021-06583-8	3014851
82	Subramanian J., Ramachandra A.S., Raina A., Haq M.I.U., Sharma S.M., Chen X.	Polymeric nanostructures for prospective tribological application in miniaturized devices: A review	2021	Current Nanomaterials	6	2	85	89	10.2174/2405461505999201208213019	24054615
83	Sharma S., Kaushik B.	A survey on nature-inspired algorithms and its applications in the Internet of Vehicles	2021	International Journal of Communication	34	12			10.1002/dac.4895	10745351
84	Javid I., Chauhan A., Thappa S., Verma S.K., Anand Y., Sawhney A., Tyagi V.V., Anand S.	Futuristic decentralized clean energy networks in view of inclusive-economic growth and sustainable society	2021	Journal of Cleaner Production	309				10.1016/j.jclepro.2021.127304	9596526
85	Sharma A., Jha R.K.	A Comprehensive Survey on Security Issues in 5G Wireless Communication Network using Beamforming Approach	2021	Wireless Personal Communications	119	4	3447	3501	10.1007/s11277-021-08416-0	9296212

86	Goel V., Kumar R., Bhattacharyya S., Tyagi V.V., Abusorrah A.M.	A comprehensive parametric investigation of hemispherical cavities on thermal performance and flow-dynamics in the triangular-duct solar-assisted air- heater	2021	Renewable Energy	173		896	912	10.1016/j.renene.2021.04.006	9601481
87	Khan S.I., Qadir Z., Munawar H.S., Nayak S.R., Budati A.K., Verma K.D., Prakash D.	UAVs path planning architecture for effective medical emergency response in future networks	2021	Physical Communication	47				10.1016/j.phycom.2021.101337	18744907
88	Singh D., Jha K.R., Sharma S.K.	Nearly omni-directional compressed multiband flexible and conformal dipole antenna	2021	International Journal of RF and Microwave	31	8			10.1002/mmce.22732	10964290
89	B K., Pandey A.K., Shahabuddin S., George M., Sharma K., Samykano M., Tyagi V.V., Saidur R.	Synthesis and characterization of conducting Polyaniline@cobalt-Paraffin wax nanocomposite as nano-phase change material: Enhanced thermophysical properties	2021	Renewable Energy	173		1057	1069	10.1016/j.renene.2021.04.050	9601481
90	Kumar S., Park J., Singh V.K., Nam S.-H., Yoo C.-Y., Lee Y.	Univariate and multivariate analyses of Gd in gadolinia-doped ceria using laser- induced breakdown spectroscopy	2021	Optik	240				10.1016/j.ijleo.2021.166909	304026
91	Mujtaba A., Jena P.K., Joshi D.P.P.	Growth and determinants of CO2 emissions: evidence from selected Asian emerging economies	2021	Environmental Science and Pollution Research	28	29	39357	39369	10.1007/s11356-021-13078-3	9441344
92	Ganie A.H., Singh S.	A picture fuzzy similarity measure based on direct operations and novel multi- attribute decision-making method	2021	Neural Computing and Applications	33	15	9199	9219	10.1007/s00521-020-05682-0	9410643
93	Yadav A.K., Sahni B., Jena P.K.	Education, employment, economic status and empowerment: Implications for maternal health care services utilization in India	2021	Journal of Public Affairs	21	3			10.1002/pa.2259	14723891
94	Hassan S.U., Mishra B., Bhat A.A.	The economy under majoritarian and coalition governments in fragile states of India: A case study of Jammu and Kashmir (India)	2021	Journal of Public Affairs	21	3			10.1002/pa.2255	14723891

95	Kothari R., Ahmad S., Pathak V.V., Pandey A., Kumar A., Shankarayan R., Black P.N., Tyagi V.V.	Algal-based biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach	2021	Biomass Conversion and Biorefinery	11	4	1419	1442	10.1007/s13399-019-00533-y	21906815
96	Raina N., Sharma P., Slathia P.S., Thakur R., Raina V., Slathia G., Rani N., Sharma S., Bhagat P., Manhas R., Pathak A.K.	Use of nanomaterials in plants to coup with abiotic stress conditions	2021	Nanobiotechnology: Mitigation of Abiotic Stress in Plants			527	559	10.1007/978-3-030-73606-4_23	
97	Jamwal S., Jasrotia S., Raj K.	Some applications of asymptotically equivalence of a double sequence of sets in various aspects	2021	Acta Mathematica Universitatis Comenianae	90	3	309	325		8629544
98	Hambarde S., Tsai C.-L., Pandita R.K., Bacolla A., Maitra A., Charaka V., Hunt C.R., Kumar R., Limbo O., Le Meur R., Chazin W.J., Tsutakawa S.E., Russell P., Schlacher K., Pandita T.K., Tainer J.A.	EXO5-DNA structure and BLM interactions direct DNA resection critical for ATR-dependent replication restart	2021	Molecular Cell	81	14	2989	3.01E+12	10.1016/j.molcel.2021.05.027	10972765
99	Vaid P., Bhadu S.K., Vaid R.M.	Intrusion detection system in Software defined Network using machine learning approach - Survey	2021	Proceedings of the 6th International Conference on Communication and			803	807	10.1109/ICCCE51350.2021.9489141	
100	Malhotra I., Thakur R.	Atypical athletic corporeality and clinical embodied deviance: A case study of dutee chand	2021	Rupkatha Journal on Interdisciplinary Studies in	13	3			10.21659/rupkatha.v13n3.41	9752935
101	Saurabh D., Bharadwaj R., Pandey D.M., Pandey D.D.K.	RESEARCHING RESOURCE APPROACHES IN SOCIAL ENTERPRISES	2021	Journal of Management Information and	25	7	1	20		15247252

102	Pandey A.K., George M., Rahim N.A., Tyagi V.V., Shahabuddin S., Saidur R.	Preparation, characterization and thermophysical properties investigation of A70/polyaniline nanocomposite phase change material for medium temperature solar applications	2021	Energy and Built Environment	2	3	271	277	10.1016/j.enbe nv.2020.09.001	26661233
103	Sharma J., Koul A., Sharma S., Shankarayan R., Mallubhotla S.	In vitro propagation of Nanorrhinum ramosissimum (Wall.) Betsche: A traditionally important medicinal plant	2021	Kuwait Journal of Science	48	3			10.48129/kjs.v4 8i3.9100	23074108
104	Singh G., Tyagi V.V., Chopra K., Pandey A.K., Sharma R.K., Sari A.	Energetic and exergetic assessment of two- and three-stage spray drying units for milk processing industry	2021	Journal of the Brazilian Society of Mechanical Sciences and	43	7			10.1007/s40430- 021-03015-3	16785878
105	Mahajan V., Sharma J.	Self-learning and self-satisfaction: Exploring the relationship through knowledge-sharing behaviour	2021	International Journal of Knowledge	17	3	50	67	10.4018/IJKM.2 021070104	15480666
106	Sinha A.K., Anand A.	Development of a supply chain configuration model for new product development: a multi-objective solution approach	2021	Soft Computing	25	13	8371	8389	10.1007/s00500- 021-05761-x	14327643
107	Mahajan R., Prakash R., Choudhary R.J., Phase D.M.	Structural, electronic and optical characterization of Eu ³⁺ /Dy ³⁺ single and co-doped Mg ₂ P ₂ O ₇ phosphors	2021	Physica Scripta	96	7			10.1088/1402- 4896/abfa42	318949
108	Bhat A., Bhat G.R., Verma S., Sharma B., Bakshi D., Abrol D., Singh S., Qadri R.A., Shah R., Kumar R.	Evaluation of 17 genetic variants in association with leukemia in the north Indian population using MassARRAY Sequenom	2021	Journal of Biochemical and Molecular Toxicology	35	7			10.1002/jbt.227 92	10956670
109	Pandita M., Shoket H., Rakewal A., Wazir S., Kumar P., Kumar R., Bairwa N.K.	Genetic interaction between glyoxylate pathway regulator UCC1 and La-motif- encoding SRO9 regulates stress response and growth rate improvement in <i>Saccharomyces cerevisiae</i>	2021	Journal of Biochemical and Molecular Toxicology	35	7			10.1002/jbt.227 81	10956670
110	Maken P., Gupta A.	A method for automatic classification of gender based on text- independent handwriting	2021	Multimedia Tools and Applications	80	16	24573	24602	10.1007/s11042- 021-10837-9	13807501

111	Singh V., Arya S.K., Kumar M.	A Common-Gate Current-Reuse UWB LNA for Wireless Applications in 90 nm CMOS	2021	Wireless Personal Communications	119	2	1405	1423	10.1007/s11277-021-08287-5	9296212
112	Syed F., Gupta S.K., Hamood Alsamhi S., Rashid M., Liu X.	A survey on recent optimal techniques for securing unmanned aerial vehicles applications	2021	Transactions on Emerging Telecommunication	32	7			10.1002/ett.4133	21615748
113	Sharma D., Gupta S.K., Rashid A., Gupta S., Rashid M., Srivastava A.	A novel approach for securing data against intrusion attacks in unmanned aerial vehicles integrated heterogeneous network using functional encryption technique	2021	Transactions on Emerging Telecommunications Technologies	32	7			10.1002/ett.4114	21615748
114	Singh D., Jha K.R.	Single Layer Active FSS based Wideband Absorber	2021	2021 International Conference on Intelligent					10.1109/CONIT51480.2021.9498488	
115	Pandit Jibran Z.A., Jha K.R.	Design of Active Tunable Wide Frequency Covering Absorber	2021	2021 International Conference on Intelligent					10.1109/CONIT51480.2021.9498388	
116	Shah M.F., Waqas M., Kakkar V.	A Novel Design of Reversible Toffoli Gate in Quantum-Dot Cellular Automata	2021	2021 International Conference on Intelligent					10.1109/CONIT51480.2021.9498499	
117	Kajal, Sharma V.K.	A Novel Low Power Technique for FinFET Domino or Logic	2021	Journal of Circuits, Systems and	30	7			10.1142/S0218126621501176	2181266
118	Sharma R., Khan R.A.	Sulfate resistance of self compacting concrete incorporating copper slag as fine aggregates with mineral admixtures	2021	Construction and Building Materials	287				10.1016/j.conbuildmat.2021.122985	9500618
119	Hekimoğlu G., Sarı A., Kar T., Keleş S., Kaygusuz K., Yıldırım N., Tyagi V.V., Sharma R.K., Saleh T.A.	Carbonized waste hazelnut wood-based shape-stable composite phase change materials for thermal management implementations	2021	International Journal of Energy Research	45	7	10271	10284	10.1002/er.6514	0363907X
120	Shafi M., Kumar Jha R.	AR-Based Half-Duplex Attack in beyond 5G Networks	2021	IEEE Systems Journal	15	2	1693	1704	10.1109/JSYST.2020.2990363	19328184
121	Saini K., Raj K.	On generalization for Tribonacci Trigintaduonions	2021	Indian Journal of Pure and Applied	52	2	420	428	10.1007/s13226-021-00067-y	195588

122	Singh A., Dhillon A., Kumar N., Hossain M.S., Muhammad G., Kumar M.	eDiaPredict: An Ensemble-based Framework for Diabetes Prediction	2021	ACM Transactions on Multimedia Computing, Communications	17	2s			10.1145/3415155	15516857
123	Koul S., Jasrotia S.S., Mishra H.G.	Acceptance of digital payments among rural retailers in India	2021	Journal of Payments Strategy and	15	2	201	213		17501806
124	Gupta R., Das A.K.	Some variants of normal Čech closure spaces via canonically closed sets	2021	Mathematics	9	11			10.3390/math9111225	22277390
125	Trivedi M., Gupta A.	Automatic monitoring of the growth of plants using deep learning-based leaf segmentation	2021	International Journal of Applied Science and	18	2	1	9	10.6703/IJASE.202106_18(2).003	17272394
126	Saini K., Raj K.	Applications of Statistical Convergence in Complex Uncertain Sequences via Deferred Riesz Mean	2021	International Journal of Uncertainty,	29	3	337	351	10.1142/S021848852150015X	2184885
127	Raina A., Irfan UI Haq M., Anand A., Mohan S., Kumar R., Jayalakshmi S., Arvind Singh R.	Nanodiamond particles as secondary additive for polyalphaolefin oil lubrication of steel–aluminium contact	2021	Nanomaterials	11	6			10.3390/nano11061438	20794991
128	Rajput P., Singh P., Vashishtha P., Kamni	Investigation on structural, morphological and luminescent properties of Mg ²⁺ -doped ZnO nanophosphors prepared by simple combustion synthesis	2021	Bulletin of Materials Science	44	2			10.1007/s12034-021-02438-x	2504707
129	Lone S., Bhardwaj A., Pandit A.K., Gupta S., Mahajan S.	A Review of Graphene Nanoribbon Field-Effect Transistor Structures	2021	Journal of Electronic Materials	50	6	3169	3186	10.1007/s11664-021-08859-y	3615235
130	Singh S., Sharma S.	On a generalized entropy and dissimilarity measure in intuitionistic fuzzy environment with applications	2021	Soft Computing	25	11	7493	7514	10.1007/s00500-021-05709-1	14327643
131	Pandey A.K., Ali Laghari I., Reji Kumar R., Chopra K., Samykano M., Abusorrah A.M., Sharma K., Tyagi V.V.	Energy, exergy, exergoeconomic and enviroeconomic (4-E) assessment of solar water heater with/without phase change material for building and other applications: A comprehensive review	2021	Sustainable Energy Technologies and Assessments	45				10.1016/j.seta.2021.101139	22131388

132	Mujtaba A., Jena P.K.	Analyzing asymmetric impact of economic growth, energy use, FDI inflows, and oil prices on CO2 emissions through NARDL approach	2021	Environmental Science and Pollution Research	28	24	30873	30886	10.1007/s11356-021-12660-z	9441344
133	Mushtaq U., Sharma V.K.	Performance analysis for reliable nanoscaled FinFET logic circuits	2021	Analog Integrated Circuits and Signal	107	3	671	682	10.1007/s10470-020-01765-z	9251030
134	Singh P., Bhat V.K.	Adjacency matrix and Wiener index of zero divisor graph $\Gamma(\mathbb{Z}_n)$	2021	Journal of Applied Mathematics and	66	01-Feb	717	732	10.1007/s12190-020-01460-2	15985865
135	Ashok M., Gupta A.	A Systematic Review of the Techniques for the Automatic Segmentation of Organs-at-Risk in Thoracic Computed Tomography Images	2021	Archives of Computational Methods in Engineering	28	4	3245	3267	10.1007/s11831-020-09497-z	11343060
136	Kumar V.D.A., Kumar A., Batth R.S., Rashid M., Gupta S.K., Raghuraman M.	Efficient data transfer in edge envisioned environment using artificial intelligence based edge node algorithm	2021	Transactions on Emerging Telecommunications Technologies	32	6			10.1002/ett.4110	21615748
137	Kumar V., Kumar Jha R., Jain S.	ANGUISH: Security attack in narrowband-Internet of Things (NB-IoT) using game theory and hardware analysis	2021	Transactions on Emerging Telecommunication	32	6			10.1002/ett.3987	21615748
138	Sharma S., Kaul A.	VANETs Cloud: Architecture, Applications, Challenges, and Issues	2021	Archives of Computational	28	4	2081	2102	10.1007/s11831-020-09447-9	11343060
139	Nisar S., Yousuf P., Masoodi T., Wani N.A., Hashem S., Singh M., Sageena G., Mishra D., Kumar R., Haris M., Bhat A.A., Macha M.A.	Chemokine-cytokine networks in the head and neck tumor microenvironment	2021	International Journal of Molecular Sciences	22	9			10.3390/ijms22094584	16616596
140	Aggarwal A., Kumar N., Vidyarthi D.P., Buyya R.	Fog-Integrated Cloud Architecture enabled multi-attribute combinatorial reverse auctioning framework	2021	Simulation Modelling Practice and Theory	109				10.1016/j.simpact.2021.102307	1569190X
141	Kumar S., Ngo V.T., Park J., Ham K.-S., Singh V.K., Nam S.-H., Lee Y.	Improving Analytical Performance of Laser-induced Breakdown Spectroscopy for Strontium, the Minor Impurity Element, in Salts Using Multiple Filter-Paper Sampling	2021	Bulletin of the Korean Chemical Society	42	5	779	785	10.1002/bkcs.12259	2532964

142	Mahajan S., Mittal N., Pandit A.K.	Image segmentation using multilevel thresholding based on type II fuzzy entropy and marine predators algorithm	2021	Multimedia Tools and Applications	80	13	19335	19359	10.1007/s11042-021-10641-5	13807501
143	Ahmad S., Kothari R., Singh H.M., Tyagi V.V., Singh B., Sari A.	Experimental investigation of microalgal harvesting with low cost bottom ash: Influence of temperature and pH with zeta potential and thermodynamic function	2021	Environmental Technology and Innovation	22				10.1016/j.eti.2021.101376	23521864
144	Singh P., Sharma R.K., Ansu A.K., Goyal R., Sari A., Tyagi V.V.	A comprehensive review on development of eutectic organic phase change materials and their composites for low and medium range thermal energy storage applications	2021	Solar Energy Materials and Solar Cells	223				10.1016/j.solmat.2020.110955	9270248
145	Padha V., Jena P.K., Mishra B.R., Mahalik M.K.	Is monetary policy safeguarding financial stability in India?	2021	Journal of Public Affairs	21	2			10.1002/pa.2196	14723891
146	Sharma S., Sharma A., Jamwal G., Kumar Awasthi R.	The effect of V-shape protruded and dimple textured on the load-carrying capacity and coefficient of friction of hydrodynamic journal bearing: A comparative numerical study	2021	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of	235	5	997	1011	10.1177/1350650120935007	13506501
147	Bhat A.A., Mishra R.K.	Demographic characteristics and residents' attitude towards tourism development: A case of Kashmir region	2021	Journal of Public Affairs	21	2			10.1002/pa.2179	14723891
148	Kumar G., Jain S., Singh U.P.	Stock Market Forecasting Using Computational Intelligence: A Survey	2021	Archives of Computational	28	3	1069	1101	10.1007/s11831-020-09413-5	11343060
149	Sari A., Saleh T.A., Hekimoğlu G., Tyagi V.V., Sharma R.K.	Microencapsulated heptadecane with calcium carbonate as thermal conductivity-enhanced phase change material for thermal energy storage	2021	Journal of Molecular Liquids	328				10.1016/j.molliq.2021.115508	1677322
150	Singh S., Ganie A.H.	Applications of picture fuzzy similarity measures in pattern recognition, clustering, and MADM	2021	Expert Systems with Applications	168				10.1016/j.eswa.2020.114264	9574174
151	Pandita H., Kumar Gondhi N.	A literature survey of sentiment analysis based on E-commerce reviews	2021	Proceedings - 5th International Conference on Computing			1767	1772	10.1109/ICCMC51019.2021.9418330	

152	Fazili M.M., Jahangir R., Jahangir R., Tripathi N.	Novel Parity Generator and Detector Design using Quantum Dots	2021	2021 6th International Conference for					10.1109/I2CT51 068.2021.94181 20	
153	Jahangir R., Fazili M.M., Tripathi N.	Energy and Power Analysis of Novel Nano Communication System	2021	2021 6th International Conference for					10.1109/I2CT51 068.2021.94179 73	
154	Ganie A.H., Singh S.	An innovative picture fuzzy distance measure and novel multi-attribute decision-making method	2021	Complex and Intelligent Systems	7	2	781	805	10.1007/s40747- 020-00235-3	21994536
155	Khursheed S., Kumar V., Singh V.K., Swart H.C., Sharma J.	Study of luminescence from terbium doped strontium borate nanophosphors in PMMA	2021	Applied Physics A: Materials Science and Processing	127	4			10.1007/s00339- 021-04340-z	9478396
156	Reddy P.N., Kavyateja B.V., Jindal B.B.	Structural health monitoring methods, dispersion of fibers, micro and macro structural properties, sensing, and mechanical properties of self-sensing concrete—A review	2021	Structural Concrete	22	2	793	805	10.1002/suco.2 02000337	14644177
157	Riyaz S., Naz S.F., Sharma V.K.	Multioperative reversible gate design with implementation of 1-bit full adder and subtractor along with energy dissipation analysis	2021	International Journal of Circuit Theory and Applications	49	4	990	1012	10.1002/cta.288 6	989886
158	Verma S., Gupta A.	Effective Prediction of Heart Disease Using Data Mining and Machine Learning: A Review	2021	Proceedings - International Conference on Artificial			249	253	10.1109/ICAIS5 0930.2021.9395 963	
159	Raina S., Gupta A.	A Study on Various Techniques for Plant Leaf Disease Detection Using Leaf Image	2021	Proceedings - International Conference on Artificial			900	905	10.1109/ICAIS5 0930.2021.9396 023	
160	Ashok M., Gupta A.	Deep learning-based techniques for the automatic segmentation of organs in thoracic computed tomography images: A Comparative study	2021	Proceedings - International Conference on Artificial			198	202	10.1109/ICAIS5 0930.2021.9396 016	

161	Hekimoğlu G., Nas M., Ouikhalfan M., Sari A., Tyagi V.V., Sharma R.K., Kurbetci, Saleh T.A.	Silica fume/capric acid-stearic acid PCM included-cementitious composite for thermal controlling of buildings: Thermal energy storage and mechanical properties	2021	Energy	219				10.1016/j.energy.2020.119588	3605442
162	Ahmed S., Naz S.F., Sharma S., Ko S.-B.	Design of quantum-dot cellular automata-based communication system using modular N-bit binary to gray and gray to binary converters	2021	International Journal of Communication Systems	34	4			10.1002/dac.4702	10745351
163	Mehta P.	The Asian region and COVID-19: approaches and gaps in controlling the virus	2021	Asian Education and Development Studies	10	2	185	197	10.1108/AEDS-05-2020-0090	20463162
164	Singh V.P., Pathania A.S., Sharma S., Malik F.A., Kumar A., Singh D., Vishwakarma R.A.	Total Synthesis and Conformational Analysis of Naturally Occurring Lipovelutibols along with Lead Optimization of Lipovelutibol D	2021	ACS Omega	6	9	6070	6080	10.1021/acsomega.0c04038	24701343
165	Hekimoğlu G., Nas M., Ouikhalfan M., Sari A., Kurbetci Ş., Tyagi V.V., Sharma R.K., Saleh T.A.	Thermal management performance and mechanical properties of a novel cementitious composite containing fly ash/lauric acid-myristic acid as form- stable phase change material	2021	Construction and Building Materials	274				10.1016/j.conbuildmat.2020.122105	9500618
166	Bhat S.M., Kakkar V.	Design and modeling of an ultra-efficient 3x3 SSG-1 reversible gate for nanoscale applications	2021	2021 International Conference on Emerging Smart			720	723	10.1109/ESCI50559.2021.9397042	
167	Kumar G., Jain S., Singh U.P.	Neuro-fuzzy and particle swarm optimization based hybrid approach for stock price forecasting	2021	2021 International Conference on Emerging Smart			753	758	10.1109/ESCI50559.2021.9396888	
168	Kumar R., Soodan B.S., Sharma S.	Modelling health care queue management system facing patients' impatience using queuing theory	2021	Reliability: Theory and Applications	16	1	161	175	10.24412/1932-2321-2021-161-161-175	19322321
169	Ul Haq M.I., Raina A., Mohan S., Anand A., Bin Abdollah M.F.	Potential of AA7075 as a tribological material for industrial applications - A review	2021	Indian Journal of Pure and Applied Physics	59	3	197	201		195596
170	Mohd Shah M.K., Mohan S., Othman I., Zakrymizam Yusuf M., Alexander C.	Investigation of tensile properties of bambusa vulgaris reinforced unsaturated polyester resin	2021	Indian Journal of Pure and Applied Physics	59	3	190	196		195596

171	Jayalakshmi S., Arvind Singh R., Mohan S., Sankaranarayanan S., Gomano V.M., Chen X., Gupta M.	Microstructure and mechanical properties of magnesium-aluminium (Mg-Al) alloys with high aluminium content (Al =10, 15, 20 wt. %)	2021	Indian Journal of Pure and Applied Physics	59	3	184	189		195596
172	Shah R., Verma S., Bhat A., Bhat G.R., Sharma V., Sharma I., Singh H., Kaul S., Rai E., Sharma S.	Newly identified genetic variant rs2294693 in UNC5CL gene is associated with decreased risk of esophageal carcinoma in the J&K Population-India	2021	Biocell	45	3	665	670	10.32604/BIOCELL.2021.09629	3279545
173	Singh V.K., Sharma N., Verma O.N., Singh V.K., Tripathi D.K., Lee Y., Kumar S., Rai P.K., Gondal M.A.	Review: Application of libs to elemental analysis and mapping of plant samples	2021	Atomic Spectroscopy	42	2	99	113	10.46770/AS.2020.201	1955373
174	Bhushan I., Sharma M., Mehta M., Badyal S., Sharma V., Sharma I., Singh H., Sistla S.	Bioactive compounds and probiotics—a ray of hope in COVID-19 management	2021	Food Science and Human Wellness	10	2	131	140	10.1016/j.fshw.2021.02.001	22134530
175	Singh H., Singh K., Vardhan S., Mohan S., Singh V.	A comprehensive review of aluminium matrix composite reinforcement and fabrication methodologies	2021	Functional Composites and Structures	3	1			10.1088/2631-6331/abddc8	26316331
176	Sharma J., Sharma S., Shankarayan R., Mallubhotla S.	ENHANCEMENT of SOLASODINE CONTENT USING SIGNAL MOLECULES in SHOOT CULTURES of Solanum nigrum	2021	Plant Cell Biotechnology and Molecular Biology	22	11-Dec	136	142		9722025
177	Gupta S., Bhat P., Kakkar V.	Point-of-care detection of tuberculosis using magnetoresistive biosensing chip	2021	Tuberculosis	127				10.1016/j.tube.2021.102055	14729792
178	Chopra K., Tyagi V.V., Pandey A.K., Ma Z., Ren H.	Energy, exergy, enviroeconomic & exergoeconomic (4E) assessment of thermal energy storage assisted solar water heating system: Experimental & theoretical approach	2021	Journal of Energy Storage	35				10.1016/j.est.2021.102232	2352152X
179	Ren H., Sun Y., Albdoor A.K., Tyagi V.V., Pandey A.K., Ma Z.	Improving energy flexibility of a net-zero energy house using a solar-assisted air conditioning system with thermal energy storage and demand-side management	2021	Applied Energy	285				10.1016/j.apenergy.2021.116433	3062619

180	Hekimoğlu G., Sarı A., Kar T., Keleş S., Kaygusuz K., Tyagi V.V., Sharma R.K., Al-Ahmed A., Al-Sulaiman F.A., Saleh T.A.	Walnut shell derived bio-carbon/methyl palmitate as novel composite phase change material with enhanced thermal energy storage properties	2021	Journal of Energy Storage	35				10.1016/j.est.2021.102288	2352152X
181	Verma O.N., Singh S., Singh V.K., Najim M., Pandey R., Singh P.	Influence of Ba Doping on the Electrical Behaviour of La _{0.9} Sr _{0.1} Al _{0.9} Mg _{0.1} O _{3-δ} System for a Solid Electrolyte	2021	Journal of Electronic Materials	50	3	1010	1021	10.1007/s11664-020-08653-2	3615235
182	Sharma V.K.	Optimal design for digital comparator using QCA nanotechnology with energy estimation	2021	International Journal of Numerical Modelling:	34	2			10.1002/jnm.2822	8943370
183	Kour N., Gupta S., Arora S.	A Survey of Knee Osteoarthritis Assessment Based on Gait	2021	Archives of Computational	28	2	345	385	10.1007/s11831-019-09379-z	11343060
184	Ren H., Ma Z., Li W., Tyagi V.V., Pandey A.K.	Optimisation of a renewable cooling and heating system using an integer-based genetic algorithm, response surface method and life cycle analysis	2021	Energy Conversion and Management	230				10.1016/j.enconman.2020.113797	1968904
185	Pathak A., Kothari R., Vinoba M., Habibi N., Tyagi V.V.	Fungal bioleaching of metals from refinery spent catalysts: A critical review of current research, challenges, and future directions	2021	Journal of Environmental Management	280				10.1016/j.jenvman.2020.111789	3014797
186	Jha R.K., Puja, Kour H., Kumar M., Jain S.	Layer based security in Narrow Band Internet of Things (NB-IoT)	2021	Computer Networks	185				10.1016/j.comnet.2020.107592	13891286
187	Singh S.K., Wagmare N.K., Khan S., Mishra R.K.	Mechanical properties of epoxy hybrid composites reinforced with agave fiber and zinc powder	2021	AIP Conference Proceedings	2317				10.1063/5.0036128	0094243X
188	Chadha A., Kaushik B.	Machine learning based dataset for finding suicidal ideation on twitter	2021	Proceedings of the 3rd International Conference on Intelligent Communication			823	828	10.1109/ICICV50876.2021.9388638	
189	Mahajan S., Raina A., Gao X.-Z., Pandit A.K.	Plant recognition using morphological feature extraction and transfer learning over SVM and adaboost	2021	Symmetry	13	2	1	16	10.3390/sym13020356	20738994

190	Singh G., Chopra K., Tyagi V.V., Pandey A.K., Ma Z., Ren H.	A comprehensive energy, exergy and enviroeconomic (3-E) analysis with carbon mitigation for multistage evaporation assisted milk powder production unit	2021	Sustainable Energy Technologies and Assessments	43				10.1016/j.seta.2020.100925	22131388
191	Chouhan S.S., Singh U.P., Sharma U., Jain S.	Leaf disease segmentation and classification of Jatropha Curcas L. and Pongamia Pinnata L. biofuel plants using computer vision based approaches	2021	Measurement: Journal of the International Measurement	171				10.1016/j.measurement.2020.108796	2632241
192	Sharma P., Singh P., Kamni	Spectroscopic and microscopic properties of KSrVO4: Mn ²⁺ synthesized by low-cost combustion method	2021	Physica B: Condensed Matter	602				10.1016/j.physb.2020.412500	9214526
193	Mohiuddine S.A., Raj K., Mursaleen M., Alotaibi A.	Linear isomorphic spaces of fractional-order difference operators	2021	Alexandria Engineering Journal	60	1	1155	1164	10.1016/j.aej.2020.10.039	11100168
194	Sharma S.K., Bhat V.K.	Metric dimension of heptagonal circular ladder	2021	Discrete Mathematics,	13	1			10.1142/S1793830920500950	17938309
195	Ansu A.K., Sharma R.K., Hagos F.Y., Tripathi D., Tyagi V.V.	Improved thermal energy storage behavior of polyethylene glycol-based NEOPCM containing aluminum oxide nanoparticles for solar thermal applications	2021	Journal of Thermal Analysis and Calorimetry	143	3	1881	1892	10.1007/s10973-020-09976-2	13886150
196	Khajuria P., Gopinathan R.	Unravelling bibliophiles' preference on the basis of bestseller lists in India	2021	Journal of Public Affairs	21	1			10.1002/pa.2138	14723891
197	Sethi I., Bhat G.R., Kumar R., Rai E., Sharma S.	Dual labeled fluorescence probe based qPCR assay to measure the telomere length	2021	Gene	767				10.1016/j.gene.2020.145178	3781119
198	Bakshi D., Katoch A., Chakraborty S., Shah R., Sharma B., Bhat A., Verma S., Bhat G.R., Nagpal A., Vaishnavi S., Goswami A., Kumar R.	ANKLE1 as New Hotspot Mutation for Breast Cancer in Indian Population and Has a Role in DNA Damage and Repair in Mammalian Cells	2021	Frontiers in Genetics	11				10.3389/fgene.2020.609758	16648021

199	Kajal, Sharma V.K.	Design and Simulation of FinFET Circuits at Different Technologies	2021	Proceedings of the 6th International Conference on Inventive					10.1109/ICICT50816.2021.9358487	
200	Mishra P.	Green IoT and NBloT	2021	Principles and Applications of Narrowband			273	300	10.4018/978-1-7998-4775-5.ch012	
201	Kumar V., Jha R.K., Jain S.	Security Issues in Narrowband-IoT: Towards Green Communication	2021	2021 International Conference on COMmunication			369	371	10.1109/COMSNETS51098.2021.9352739	
202	Kumar R.	Mind-Language and Epistemology: A Role of Language Acquisition	2021	Philosophical Readings	13	3	195	201	10.5281/zenodo.5549085	20364989
203	Ahmed S., Naz S.F.	Notice of Violation of IEEE Publication Principles: Design of Cost Efficient Modular Digital QCA Circuits using Optimized XOR Gate	2021	IEEE Transactions on Circuits and Systems II: Express Briefs					10.1109/TCSII.2020.3030180	15497747
204	Jha K.R., Jibran Z.A.P., Singh C., Sharma S.K.	4-Port MIMO Antenna Using Common Radiator on a Flexible Substrate for Sub-1GHz, Sub-6GHz 5G NR, and Wi-Fi 6 Applications	2021	IEEE Open Journal of Antennas and Propagation	2		689	701	10.1109/OJAP.2021.3083932	26376431
205	Haq M.I.U., Mohan S., Raina A., Jayalakshmi S., Singh R.A., Chen X., Konovalov S., Gupta M.	Mechanical and Tribological Properties of Aluminum Based Metal Matrix Nanocomposites	2021	Encyclopedia of Materials: Composites	1		402	414	10.1016/B978-0-12-819724-0.00048-3	
206	Paul K.K., Roy J.D., Sarkar S., Barai S.K., Sufian A., Gupta S.K., Srivastava A.	Smart Agriculture Using UAV and Deep Learning: A Systematic Review	2021	Internet of Things: Robotic and Drone Technology			1	16	10.1201/9781003181613-1	
207	Khatri R., Verma A., Verma P.K., Verma R.	Performance Evaluation of a Hybrid Medium Access Control Protocol for Machine-to-Machine Networks	2021	Proceedings of the 1st International Conference on Advances in Computing and			1	6	10.1109/ICACFC T53978.2021.9837337	
208	Jha K.R., Sharma S.K.	Reconfigurable MIMO Antennas	2021	Multifunctional Antennas and Arrays for Wireless			232	278	10.1002/9781119535096.ch7	

209	Kour G., Gorla K., Pathak A., Kothari R., Pathania D., Dhar S., Tyagi V.V.	Role of Incineration in the Production of Persistent Organic Pollutants: Is It Safe?	2021	Persistent Organic Pollutants in the Environment: Origin and Role			83	105	10.1201/9781003053170-4-4	
210	Sharma N., Gupta A., Gupta S.K., Raman Chandan R., Srivastava A., Yadav P.	Automatic Shopping Cart System using ZigBee Technology and RFID Module	2021	2021 IEEE International Conference on Technology, Research, and					10.1109/TRIBES52498.2021.9751668	
211	Jindal Bhushan B., Sharma S.	Geopolymer composites modified with nanomaterials	2021	Composite Materials: Manufacturing,			25	51	10.1016/B978-0-12-820512-9.00010-1	
212	Sudan T., Taggar R.	Recovering Supply Chain Disruptions in Post-COVID-19 Pandemic Through Transport Intelligence and Logistics Systems: India's Experiences and Policy Options	2021	Frontiers in Future Transportation	2				10.3389/ffutr.2021.660116	26735210
213	Mishra M., Ghosh S.K., Bhattacharyya S.	A multiband transmittive-type linear-to-circular polarization converter	2021	2021 IEEE Indian Conference on Antennas and			702	705	10.1109/InCAP52216.2021.9726294	
214	Rana N., Jha K.R., Sharma S.K.	A Gap Coupled Monopole MIMO Antenna for 5G NR and Wi-Fi 6 Applications	2021	2021 IEEE Indian Conference on Antennas and			232	235	10.1109/InCAP52216.2021.9726358	
215	Singh D., Jha K.R., Sharma S.K.	Dual Polarized Low Frequency Active Wideband Absorber Design	2021	2021 IEEE Indian Conference on Antennas and			699	701	10.1109/InCAP52216.2021.9726464	
216	Chib S., Sodhi G.K.	Comparative Analysis of Random PWM Techniques for Cascaded H-Bridge Multi-Level Inverters	2021	2021 5th International Conference on Electrical, Electronics, Communication,			242	246	10.1109/ICEECCOT52851.2021.9707952	

217	Kajal, Sharma V.K.	Reliability and PVT simulation of FinFET circuits using Cadence Virtuoso	2021	2021 5th International Conference on Electrical, Electronics, Communication,			344	349	10.1109/ICEECCOT52851.2021.9707937	
218	Haq S.U., Sharma V.K.	Challenges in Low Power VLSI Design: A Review	2021	Proceedings of the 5th International Conference on Electronics, Communication and			191	195	10.1109/ICECA52323.2021.9676055	
219	Kumar V., Sharma P., Kamaldeep K.	Smart Lighting System Using Arduino	2021	2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical,					10.1109/UPCON52273.2021.9667610	
220	Sharma S., Sharma J., Singh D., Sharma V., Mallubhotla S.	Effect of signal molecules for enhanced production of boeravinone B in shoot cultures of Boerhaavia diffusa (L.)	2021	Emirates Journal of Food and Agriculture	33	10	893	898	10.9755/ejfa.2021.v33.i10.2778	2079052X
221	Zahoor F., Hussin F.A., Khanday F.A., Ahmad M.R., Nawi I.M., Gupta S.	Carbon Nanotube Field Effect Transistor and Resistive Random Access Memory based 2-bit Ternary Comparator	2021	International Conference on Intelligent and Advanced Systems: Enhance the					10.1109/ICIAS49414.2021.9642541	
222	Dubey V., Sharma S.K., Sehgal S.	Measuring and benchmarking the efficiency of the Indian automobile sector	2021	International Journal of Productivity and	34	4	510	538	10.1504/IJPQM.2021.120601	17466474
223	Kamaldeep, Himanshu, Sirohi V., Jat G.L.	An Efficient method for Voltage Quality improvement in Asymmetrical Multilevel Inverter	2021	2021 4th International Conference on Recent Developments in			321	326	10.1109/RDCAP E52977.2021.9633753	
224	Sharma S., Sharma V.K.	Design of Full Adder and Parity Generator Based on Reversible Logic	2021	2021 IEEE International Conference on Emerging Trends in					10.1109/ETI4.051663.2021.9619268	

225	Wani I.M., Arora S.	A Knee X-ray Database for Osteoporosis Detection	2021	2021 9th International Conference on Reliability, Infocom Technologies and					10.1109/ICRITO 51393.2021.9596444	
226	Alsamhi S.H., Almalki F.A., AL-Dois H., Shvetsov A.V., Ansari M.S., Hawbani A., Gupta S.K., Lee B.	Multi-Drone Edge Intelligence and SAR Smart Wearable Devices for Emergency Communication	2021	Wireless Communications and Mobile Computing	2021				10.1155/2021/6710074	15308669
227	Sharma B., Angurana S., Shah R., Verma S., Bhat A., Bhat G.R., Bakshi D., Jamwal R.S., Tanwar M., Singh S., Bhat A., Vaishnavi S., Kumar R.	Genetic association of ARID5B with the risk of colorectal cancer within Jammu and Kashmir, India	2021	Genes and Genetic Systems	96	4	187	19A1	10.1266/ggs.21-00010	13417568
228	Vats A.	Bridging Black Male and Female Standpoints through Autoethnographic Cultural Symbiosis in Gloria Naylor's The Men of Brewster Place	2021	Rupkatha Journal on Interdisciplinary Studies in Humanities	13	3			10.21659/RUPKATHA.V13N3.11	9752935
229	Sharma S., Singh U.P., Raj K.	Applications of deferred Cesàro statistical convergence of sequences of fuzzy numbers of order (ξ, ω)	2021	Journal of Intelligent and Fuzzy Systems	41	6	7363	7372	10.3233/JIFS-211201	10641246
230	Gupta S., Gupta M.	Deep Learning for Brain Tumor Segmentation using Magnetic Resonance Images	2021	2021 IEEE Conference on Computational Intelligence in Bioinformatics and					10.1109/CIBCB49929.2021.9562890	
231	Kour G., Kothari R., Azam R., Majhi P.K., Dhar S., Pathania D., Tyagi V.V.	Conducting Polymer Based Nano-adsorbents for Removal of Heavy Metal Ions/Dyes from Wastewater	2021	Engineering Materials			135	157	10.1007/978-3-030-62090-5_7	16121317
232	Sharma A., Dwivedi A.V.	Language and identity: A linguistic study of women-centric hindi proverbs	2021	Dialectologia	27		205	227	10.1344/Dialectologia2021.27.9	20132247
233	Kumar S., Gupta S., Arora S.	Research Trends in Network-Based Intrusion Detection Systems: A Review	2021	IEEE Access	9		157761	157779	10.1109/ACCESS.2021.3129775	21693536

234	Sunil Raj B.A., Eswaramoorthy M.	Heat Transfer Analysis on V Trough Concentrator Based Solar Air Heater with Flexible Absorber Unit	2021	Applied Solar Energy (English translation of	57	1	68	80	10.3103/S0003701X21010072	0003701X
235	Sharma S., Kaushik B., Rahmani M.K.I., Ahmed M.E.	Cryptographic solution-based secure elliptic curve cryptography enabled radio frequency identification mutual authentication protocol for internet of vehicles	2021	IEEE Access	9		147114	147128	10.1109/ACCESS.2021.3124209	21693536
236	Jacob J., Pandey A.K., Rahim N.A., Selvaraj J., Samyano M., Tyagi V.V., Saidur R.	Investigation on thermophysical properties of metallic oxide nanoparticle dispersed in fatty acid	2021	Materials Today: Proceedings	47		2864	2868	10.1016/j.matpr.2021.03.639	22147853
237	Sharma B., Geetha K.A.	Casteing Gender: Intersectional Oppression of Dalit women	2021	Journal of International	22	10	1	7		15398706
238	Bhat A., Bhat G.R., Verma S., Shah R., Nagpal A., Sharma B., Bakshi D., Suri J., Singh S., Tanwar M., Vaishnavi S., Bhat A., Kumar R.	Polymorphism in the tp63 gene imparts a potential risk for leukemia in the North Indian population	2021	African Health Sciences	21	3	1243	1249	10.4314/ahs.v21i3.34	16806905
239	Sharma V.K.	A survey on low power design approaches in nanoscale regime	2021	Micro and Nanosystems	13	2	129	145	10.2174/1876402912999200623	18764029
240	Akber N., Paltasingh K.R.	Agricultural growth and investments in India: Assessment of recent trends, breaks and linkages	2021	Italian Review of Agricultural Economics	76	2	17	30	10.36253/rea-12057	356190
241	Walia G.S., Singh P., Singh M., Abouhawsash M., Park H.J., Kang B.-G., Mahajan S., Pandit A.K.	Three dimensional optimum node localization in dynamic wireless sensor networks	2021	Computers, Materials and Continua	70	1	305	321	10.32604/cmc.2022.019171	15462218
242	Mahajan S., Raina A., Abouhawsash M., Gao X.-Z., Pandit A.K.	Covid-19 detection from chest X-Ray images using advanced deep learning techniques	2021	Computers, Materials and Continua	70	1	1541	1556	10.32604/cmc.2022.019496	15462218
243	Sharma V.K.	A survey of leakage reduction techniques in CMOS digital circuits for nanoscale regime	2021	Australian Journal of Electrical and Electronics	18	4	217	236	10.1080/1448837X.2021.1966957	1448837X

244	Kichloo A.F., Aziz R., Haq M.I.U., Raina A.	Mechanical and physical behaviour of 3D printed polymer nanocomposites - A review	2021	International Journal of Industrial and Systems	38	4	484	502	10.1504/IJISE.2021.116929	17485037
245	Sharma R., Kaushik B., Gondhi N.K.	Offline Handwritten Dogra Script Recognition Using Convolutional Neural Network	2021	Smart Innovation, Systems and Technologies	224		789	797	10.1007/978-981-16-1502-3_79	21903018
246	Singh S.K., Karloopia J., Khan S., Mishra R.K.	Processing and characterization of hemp nanofiber thermoset polymer composite	2021	Materials Today: Proceedings	46		1341	1348	10.1016/j.matpr.2021.02.477	22147853
247	Kumar Singh S., Khan S., Kumar Mishra R., Karloopia J.	Fabrication and evaluation of mechanical properties of polymer matrix composite using nano fibers as a reinforcement	2021	Materials Today: Proceedings	46		1376	1383	10.1016/j.matpr.2021.02.488	22147853
248	Magotra S., Kaushik B., Kaul A.	Use of Classification Approaches for Takri Text Challenges	2021	Lecture Notes in Networks and	190		403	410	10.1007/978-981-16-0882-	23673370
249	Rai S.S., Das D., Ganguly K., Giri S., Mishra S.K.	Stage-wise responsiveness in supply chain: Reference from the Indian garment industry	2021	International Journal of Logistics Systems and	39	4	409	436	10.1504/IJLSM.2021.116847	17427967
250	Puri A., Gupta M.K.	Empirical Investigation of Resampling Techniques in an Intruder Detection System	2021	Advances in Science, Technology and Innovation			271	276	10.1007/978-3-030-66218-9_31	25228714
251	Bakshi A., Gupta S.	A Taxonomy on Biometric Security and Its Applications	2021	Advances in Science, Technology			211	218	10.1007/978-3-030-66218-9_24	25228714
252	Chaahat, Kumar Gondhi N., Kumar Lehana P.	An Evolutionary Approach for the Enhancement of Dermatological Images and Their Classification Using Deep Learning Models	2021	Journal of Healthcare Engineering	2021				10.1155/2021/8113403	20402295
253	Gupta R., Das A.K.	Some Variants of Strong Normality in Closure Spaces Generated via Relations	2021	Journal of Mathematics	2021				10.1155/2021/6917297	23144629
254	Xing B.-H., Sharma S.K., Bhat V.K., Raza H., Liu J.-B.	The Vertex-Edge Resolvability of Some Wheel-Related Graphs	2021	Journal of Mathematics	2021				10.1155/2021/1859714	23144629
255	Raina A., Mahajan S., Vanipriya C., Bhardwaj A., Pandit A.K.	COVID-19 Detection: An Approach Using X-Ray Images and Deep Learning Techniques	2021	Lecture Notes in Networks and Systems	202 LNNS		7	16	10.1007/978-981-16-0695-3_2	23673370
256	Lodh S., Mahajan S., Vanipriya C., Bhardwaj A., Pandit A.K.	Detection of Broken and Good Medical Tablets Using Various Machine Learning Models	2021	Lecture Notes in Networks and Systems	202 LNNS		43	49	10.1007/978-981-16-0695-3_6	23673370

257	Raina A., Mahajan S., Vanipriya C., Bhardwaj A., Pandit A.K.	Classification and Detection of Leaves Using Different Image Processing Techniques	2021	Lecture Notes in Networks and Systems	202 LNNS		1	5	10.1007/978- 981-16-0695- 3_1	23673370
258	Jha K.R., Sharma S.K.	Multifunctional Antennas for 4G/5G Communications and MIMO Applications	2021	Multifunctional Antennas and Arrays for Wireless			279	320	10.1002/978111 9535096.ch8	
259	Choudhary A., Raj K., Mursaleen M.	Applications of Tauberian theorems for double sequences of fuzzy numbers via de la Vallée Poussin mean	2021	Journal of Intelligent and Fuzzy Systems	40	6	11799	11808	10.3233/JIFS- 202921	10641246
260	Gupta V., Verma S.K., Anand S., Gupta N., Anand Y.	Evaluation of thermal comfort and energy usage for an enclosed cavity indifferent climatic zones of India	2021	Energy Engineering: Journal of the Association of	118	5	1317	1331	10.32604/EE.20 21.016732	1998595
261	Gupta S., Kakkar V., Ahmed S., Khanday F.A., Sharma S., Singh S., Yoon B.	Modeling of On-Chip Biosensor for the in Vivo Diagnosis of Hypertension in Wireless Body Area Networks	2021	IEEE Access	9		95072	95082	10.1109/ACCES S.2021.3094227	21693536
262	Abrol V., Kushwaha M., Arora D., Mallubhotla S., Jaglan S.	Mutation, Chemoprofiling, Dereplication, and Isolation of Natural Products from Penicillium oxalicum	2021	ACS Omega					10.1021/acsom ega.1c00141	24701343
263	Saini K., Raj K., Mursaleen M.	Deferred Cesàro and deferred Euler equi- statistical convergence and its applications to Korovkin-type approximation theorem	2021	International Journal of General Systems	50	5	567	579	10.1080/030810 79.2021.194286 7	3081079
264	Bai S., Amirruddin A.K., Pandey A.K., Samykano M., Ahmad M.S., Sharma K., Tyagi V.V.	Advancements in the development of various types of dye-sensitized solar cells: A comparative review	2021	Energy Engineering: Journal of the Association of Energy Engineering	118	4	737	759	10.32604/EE.20 21.016157	1998595
265	Singh P., Sharma S., Sharma S.K., Bhat V.K.	Metric dimension and edge metric dimension of windmill graphs	2021	AIMS Mathematics	6	9	9138	9153	10.3934/math.2 021531	24736988
266	Raina S.S., Das A.K.	Some New Variants of Relative Regularity via Regularly Closed Sets	2021	Journal of Mathematics	2021				10.1155/2021/7 726577	23144629
267	Singh K.J., Nayyar A., Kapoor D.S., Mittal N., Mahajan S., Pandit A.K., Masud M.	Adaptive Flower Pollination Algorithm- Based Energy Efficient Routing Protocol for Multi-Robot Systems	2021	IEEE Access	9		82417	82434	10.1109/ACCES S.2021.3086628	21693536

268	Ahmed S., Gupta S., Suri A., Sharma S.	Adaptive energy efficient fuzzy: An adaptive and energy efficient fuzzy clustering algorithm for wireless sensor network-based landslide detection system	2021	IET Networks	10	1	1	12	10.1049/ntw2.12004	20474954
269	Jasrotia S., Singh U.P., Raj K.	Some new observations on Catalan almost convergent sequence spaces and the Catalan core	2021	Acta Scientiarum Mathematicarum	87	01-Feb	295	305	10.14232/actasm-020-793-6	16969
270	Sharma B.	Narratives of Dalit Women and 'the Outsider Within': Toward a Literary Practice of Dalit Feminist Standpoint	2021	Journal of International Women's Studies	22	4	25	40		15398706
271	Gupta V., Jameel A., Anand S., Anand Y.	Analysis of composite plates using isogeometric analysis: A discussion	2021	Materials Today: Proceedings	44		1190	1194	10.1016/j.matpr.2020.11.238	22147853
272	Sharma S., Singh R., Bhushan B.	CFD based thermal efficiency of square shape protruded roughened absorber plate for solar air heater	2021	Energy Sources, Part A: Recovery, Utilization and					10.1080/15567036.2021.1908460	15567036
273	Sharma B., Shah R., Jamwal R., Verma S., Bhat A., Bhat G., Bakshi D., Singh S., Angurana S., Bhat A., Vaishnavi S., Kumar R.	Evaluation of newly identified Ikaros family zinc finger 1 loci in colorectal cancer	2021	Journal of Cancer Research and Therapeutics	17	1	46	50	10.4103/jcrt.JCRT_844_20	9731482
274	Devi M., Sharma A.K., Raj K.	Inequalities Involving Essential Norm Estimates of Product-Type Operators	2021	Journal of Mathematics	2021				10.1155/2021/8811309	23144629
275	Jasrotia S., Singh U.P., Raj K.	Applications of statistical convergence of order $(\eta, \delta + \gamma)$ in difference sequence spaces of fuzzy numbers	2021	Journal of Intelligent and Fuzzy Systems	40	3	4695	4703	10.3233/JIFS-201539	10641246
276	Mehta P., Sharma J.	Moderation effect of social support and personal resources between emotional work and employee wellbeing	2021	Asia-Pacific Journal of Business Administration	13	2	235	255	10.1108/APJBA-07-2020-0252	17574323
277	Sharma E., Malhotra I.	"Wombs-for-Hire": Biopolitics and Neoliberal Eugenics of Indian Commercial Surrogacy Industry in Amulya Malladi's A House for Happy Mothers	2021	Media Watch	12	1	67	78	10.15655/mw/2021/v12i1/205459	9760911

278	Mishra M., Nama L., Ghosh S.K., Bhattacharyya S.	A Wideband Transmittive-Type Cross Polarization Converter for Terahertz Waves	2021	Lecture Notes in Networks and Systems	147		233	237	10.1007/978-981-15-8366-7_32	23673370
279	Ahmed S., Bhat S.M., Ko S.-B.	Design of Reversible Gate-Based Fingerprint Authentication System in Quantum-Dot Cellular Automata for Secure Nanocomputing	2021	Lecture Notes in Electrical Engineering	701		729	740	10.1007/978-981-15-8297-4_58	18761100
280	Kiloo M.M., Singh V., Gupta M.	A Low-Power Hara Inductor-Based Differential Ring Voltage-Controlled Oscillator	2021	Lecture Notes in Electrical Engineering	701		85	95	10.1007/978-981-15-8297-4_8	18761100
281	Dogra A., Jha R.K., Jain S.	A Survey on beyond 5G Network with the Advent of 6G: Architecture and Emerging Technologies	2021	IEEE Access	9		67512	67547	10.1109/ACCESS.2020.3031234	21693536
282	Sharma S., Majumdar K.	Efficiency of rice production and CO2 emissions: A study of selected Asian countries using DDF and SBM-DEA	2021	Journal of Environmental Planning and	64	12	2133	2153	10.1080/09640568.2020.1859997	9640568
283	Sharma S., Koul A., Sharma J., Sharma V., Mallubhotla S.	Comparative study of different nutrient supplements on in vitro regeneration and boeravinone b production in boerhaavia diffusa l.	2021	Journal of Animal and Plant Sciences	31	3	752	763	10.36899/JAPS.2021.3.0265	10187081
284	Raj K., Mohiuddine S.A.	Applications of lacunary sequences to develop fuzzy sequence spaces for ideal convergence and orlicz function	2021	European Journal of Pure and Applied Mathematics	13	5	1131	1148	10.29020/NYBG.EJPAM.V13I5.3708	13075543
285	Srivastava A., Kumar R., Gupta S.K., Rashid M., Umrao L.S.	Novel technique to detect network error or modification of votes during transmission in online voting system	2021	Journal of Discrete Mathematical Sciences and	24	3	729	743	10.1080/09720529.2020.1794514	9720529
286	Seth B., Dalal S., Le D.-N., Jaglan V., Dahiya N., Agrawal A., Sharma M.M., Prakash D., Verma K.D.	Secure cloud data storage system using hybrid paillier↓blowfish algorithm	2021	Computers, Materials and Continua	67	1	779	798	10.32604/cmc.2021.014466	15462218
287	Dar A.B., Ahmad F., Jha R.K.	Filterless optical millimeter-wave generation using cascaded-parallel Mach–Zehnder modulators with tunable frequency multiplication factor	2021	Optical and Quantum Electronics	53	1			10.1007/s11082-020-02666-1	3068919

288	Kumar K., Kumar R., Mahajan S., Pandit A.K.	Efficiency enhancement of K-multi constraints paths in hybrid video coder using information based quantization method	2021	Journal of Ambient Intelligence and Humanized Computing					10.1007/s12652-020-02766-6	18685137
289	Anand R., Raina A., Irfan UI Haq M., Mir M.J., Gulzar O., Wani M.F.	Synergism of TiO ₂ and Graphene as Nano-Additives in Bio-Based Cutting Fluid—An Experimental Investigation	2021	Tribology Transactions	64	2	350	366	10.1080/10402004.2020.1842953	10402004
290	Pandita S., Mishra H.G., Chib S.	Psychological impact of covid-19 crises on students through the lens of Stimulus-Organism-Response (SOR) model	2021	Children and Youth Services Review	120				10.1016/j.childyouth.2020.105783	1907409
291	Popli S., Jha R.K., Jain S.	Adaptive Small Cell position algorithm (ASPA) for green farming using NB-IoT	2021	Journal of Network and Computer	173				10.1016/j.jnca.2020.102841	10848045
292	Mahajan R., Prakash R., Kumar S., Kumar V., Choudhary R.J., Phase D.M.	Surface and luminescent properties of Mg ₃ (PO ₄) ₂ :Dy ³⁺ phosphors	2021	Optik	225				10.1016/j.ijleo.2020.165717	304026
293	Gangwar R., Rasool S., Mishra S.	Purified cellobiose dehydrogenase of Termitomyces sp. OE147 fuels cellulose degradation resulting in the release of reducing sugars	2021	Preparative Biochemistry and Biotechnology	51	5	488	496	10.1080/10826068.2020.1833343	10826068
294	Bharti S., Ghetya N.D., Dutta V.	Investigating microhardness and wear behavior of Al ₅₀ Si ₂ /ZrO ₂ surface composite produced by friction stir processing	2021	Materials Today: Proceedings	44		52	57	10.1016/j.matpr.2020.06.318	22147853
295	Sharma S., Kaushik B.	Corrigendum to “A survey on internet of vehicles: Applications, security issues & solutions” [Veh. Commun. 20 (2019) 100182] (Vehicular Communications (2019) 20, (S2214209619302293), (10.1016/j.vehcom.2019.100182))	2021	Vehicular Communications	27				10.1016/j.vehcom.2020.100289	22142096
296	Rashid W., Arora S., Gupta M.K.	Missing Value Imputation Approach Using Cosine Similarity Measure	2021	Advances in Intelligent Systems	1165		557	565	10.1007/978-981-15-5113-	21945357
297	Rashid W., Gupta M.K.	A perspective of missing value imputation approaches	2021	Advances in Intelligent Systems	1086		307	315	10.1007/978-981-15-1275-	21945357
298	Ali D., Gupta M.K.	Advanced deadline-sensitive scheduling approaches in cloud computing	2021	Advances in Intelligent Systems	1086		317	329	10.1007/978-981-15-1275-	21945357

299	Singh J.P., Jain S., Arora S., Singh U.P.	A Survey of Behavioral Biometric Gait Recognition: Current Success and Future Perspectives	2021	Archives of Computational Methods in	28	1	107	148	10.1007/s11831-019-09375-3	11343060
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