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3.4.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years (5)

3.4.3.1: Number of research papers in the Journals notified on UGC website during the last five years

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Synthesis chemical methods for deposition of ZnO, CdO and CdZnO thin films to facilitate further research	Mariappan R	PY	Journal of Alloys and Compounds	2022	9258388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136027017&doi=10.1016%2Fj.jallcom.2022.166511&partnerID=40&md5=a01a621ce257ba5581dc7a8f6c42d69c
2	Silica nanoparticles derived from Arundo donax L. ash composite with Titanium dioxide nanoparticles as an efficient nanocomposite for photocatalytic degradation dye	Sivakumar K.	CY	Chemosphere	2022	456535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135964687&doi=10.1016%2Fj.chemosphere.2022.135951&partnerID=40&md5=d0f49f1219f9b9adb1beb331149ba7cd
3	Analysis of positive correlation in magnitude and time measurement for earthquake using electric signals	Regin R	CS	Earth Science Informatics	2022	18650473	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122668264&doi=10.1007%2Ffs12145-021-00754-8&partnerID=40&md5=3d34f4fa76d40ef116fcff0408bbaeec
4	Optimization of binary acids pretreatment of corncob biomass for enhanced recovery of cellulose to produce bioethanol	Kavitha S.	BT	Fuel	2022	162361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127512447&doi=10.1016%2Fj.fuel.2022.124060&partnerID=40&md5=7b56ac14d7f19fa98f21350a8c840254
5	An enhanced hybrid ant colony optimization routing protocol for vehicular ad-hoc networks	Thangavelu M.	EC	Journal of Ambient Intelligence and Humanized Computing	2022	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103676157&doi=10.1007%2Ffs12652-021-03176-y&partnerID=40&md5=c3ca7759dd4d4be535ba7e36a49301b73
6	An enhanced distance and residual energy-based congestion aware ant colony optimization routing for vehicular ad hoc networks	Thangavelu M.	EC	International Journal of Communication Systems	2022	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128200489&doi=10.1002%2Fdfac.5179&partnerID=40&md5=3fab6ac58e5f33ea0adba7ed8d984dc1
7	Monitoring and analysis of the recovery rate of Covid-19 positive cases to prevent dangerous stage using IoT and sensors	Kumar K R	BA	International Journal of Pervasive Computing and Communications	2022	17427371	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090114206&doi=10.1108%2FijPCC-07-2020-0088&partnerID=40&md5=4be0e38c05b60ea54e094cca2590e97
8	Fractional Fourier Transform to Stability Analysis of Fractional Differential Equations with Prabhakar Derivatives	Deepa S.	MA	Azerbaijan Journal of Mathematics	2022	22186816	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137368175&partnerID=40&md5=5d56c23b5301d5c4beb744266e1617fd
9	Fetal health classification from cardiocogographic data using machine learning	Rajan R.	CS	Expert Systems	2022	2664720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120306959&doi=10.1111%2Ffexsy.12899&partnerID=40&md5=d5c8a223f89adf810618ada2d94e416a
10	Investigation on Tetracycline degradation and bactericidal properties of binary and ternary ZnO/NiO/g-C3N4 composites prepared by a facile co-precipitation method	Jayaprakash R.N.	PY	Journal of Environmental Chemical Engineering	2022	22133437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127238792&doi=10.1016%2Fj.jece.2022.107368&partnerID=40&md5=818d8ed1a16ddf76368e3cbbc9bde4af
11	Smart assistance to dyslexia students using artificial intelligence based augmentative alternative communication	Muthu B.A.	CS	International Journal of Speech Technology	2022	13812416	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120634336&doi=10.1007%2Ffs10772-021-09921-0&partnerID=40&md5=07835f25888a964347d4ba82c9d11542
12	Human–computer interaction based visual feedback system for augmentative and alternative	Sivaparthipan C.B.	CS	International Journal of Speech Technology	2022	13812416	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117219480&doi=10.1007%2Ffs10772-021-09901-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	communication						4&partnerID=40&md5=b99b388681b114ef0c840f4943f51141
13	An Enhanced Bio-Inspired Routing Algorithm for Vehicular Ad Hoc Networks	Thangavelu M.	EC	Trends in Sciences	2022	27740226	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130708330&doi=10.48048%2ftis.2022.4188&partnerID=40&md5=eded0f5b7166ac919dc6dd9e563a779f
14	Interactive teaching using human-machine interaction for higher education systems	Sivaparthipan C.B.	CS	Computers and Electrical Engineering	2022	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125652639&doi=10.1016%2fj.compeleceng.2022.107811&partnerID=40&md5=806a8ab5b9f91721249d28f7e1482c9
15	Investigative calorimetric studies and kinetic parameters estimation using analytical methods for self-reactive hazardous chemicals in a chemical manufacturing plant	Das M.	CH	Journal of Loss Prevention in the Process Industries	2022	9504230	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124263591&doi=10.1016%2fj.jlp.2022.104743&partnerID=40&md5=7becfc0b778bc1ce363922de9e35e4d4
16	Human machine interaction-assisted smart educational system for rural children	Muthu B.	CS	Computers and Electrical Engineering	2022	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125125899&doi=10.1016%2fj.compeleceng.2022.107812&partnerID=40&md5=bd26206587e1965495abc37d285ca2c7
17	Adaptive neuro fuzzy inference system to enhance the classification performance in smart irrigation system	Manikandan M.	CS	Computational Intelligence	2022	8247935	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120558157&doi=10.1111%2fcoin.12492&partnerID=40&md5=59cb39084c74e1227176c80017a1f3f8
18	Design of efficient location-based multipath self-adaptive balancer router using particle swarm optimization in wireless sensor network	Vivekanandhan V.	CS	International Journal of Communication Systems	2022	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122285187&doi=10.1002%2fdac.5060&partnerID=40&md5=36afdaa829128fde193dd51521f1ff92
19	An Evaluation of E-Learning and User Satisfaction	Kumar K.R.	BA	International Journal of Web-Based Learning and Teaching Technologies	2022	15481093	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124352525&doi=10.4018%2fijwltt.20220301.0a3&partnerID=40&md5=eacc0d0cde711d0f2d33cfb32310dcad
20	An insight - A statistical investigation of consolidated bioprocessing of Allium ascalonicum leaves to ethanol using Hangateiclostridium thermocellum KSMK1203 and synthetic consortium	Manivasagan V.	BT	Renewable Energy	2022	9601481	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123892960&doi=10.1016%2fj.renene.2022.01.047&partnerID=40&md5=cef6d6dbde6d2f178ce697281d29624
21	Mobility speed prediction using ARIMA and RNN for random walk mobility model in mobile ad hoc networks	Thangavelu M.	EC	Concurrency and Computation: Practice and Experience	2022	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115844601&doi=10.1002%2fcpe.6625&partnerID=40&md5=3029c389e883da3e0d1ce4810066722f
22	Fuzzy-based intelligent crop prediction over climate fluctuation using IoT	Sivaparthipan C.B.	CS	Cloud IoT Systems for Smart Agricultural Engineering	2022	9781003185413; 9781032028279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136274414&doi=10.1201%2f9781003185413-10&partnerID=40&md5=995620cbab9200f9a3cb40a41e31e256
23	Musa acuminata nanoemulgel: Formulation, in vitro kinetics and antimicrobial studies	Veeramani G.	CH	Bioinspired, Biomimetic and Nanobiomaterials	2022	9781665494991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121981094&doi=10.1680%2fjibn.21.00026&partnerID=40&md5=3cd9f6f7301efa0b45b4c2b9b284b4b6
24	IoT based smart and intelligent smart city energy optimization	Sivaparthipan C.B.	CS	Sustainable Energy Technologies and Assessments	2022	9781665478847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119091004&doi=10.1016%2fj.seta.2021.101724&partnerID=40&md5=639bd4f485410f2a631ddba800e7d2f1
25	Analysis Of Machine Learning Algorithm for	Fathima G.	CS	2022 3rd International	2022	9781665494991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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	Prognostication of Parkinson's Disease Using Speech Articulation			Conference for Emerging Technology, INCET 2022			85136321940&doi=10.1109%2Fincet54531.2022.9824822&partnerID=40&md5=6bc5a1d4fbae6bc0da55f33ad9954b37
26	Identifying the Character-Defining Elements in the Traditional Houses of Chettinadu Region, Tamil Nadu, India	Rajivkumar S.	AR	Advances in Science, Technology and Innovation	2022	9781665484251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135840368&doi=10.1007%2F978-3-030-99480-8_5&partnerID=40&md5=39faae39745bb2951eecd8a607fbd7a
27	Facile NMI-MsCl mediated synthesis of novel pyrazole derivatives bearing heteroaryl amides as potent antimicrobial agents	Sivakumar K.	CY	Arkivoc	2022	9781665480352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135169274&doi=10.24820%2Fark.5550190.p011.756&partnerID=40&md5=152e4f05e9c840b05b0748f3a5a6d1c8
28	An enhanced Gray Wolf Optimization for cluster head selection in wireless sensor networks	Muniraj A.	EC	International Journal of Communication Systems	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134400229&doi=10.1002%2Fdac.5300&partnerID=40&md5=6aa2b5f14b6803df2be64b08e0544272
29	Efficient routing and performance amelioration using Hybrid Diffusion Clustering Scheme in heterogeneous wireless sensor network	Sumathi A.	EC	International Journal of Communication Systems	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133200346&doi=10.1002%2Fdac.5281&partnerID=40&md5=6c88271f5cfa691a7e88f0e6e3858f4f
30	Blockchain Assisted Disease Identification of COVID-19 Patients with the Help of IDA-DNN Classifier	Fathima G.	CS	Wireless Personal Communications	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133011348&doi=10.1007%2F978-3-030-99831-7&partnerID=40&md5=17edace931a0ae5a2bf800bda266ac2e
31	Detecting Credit Card Fraud Using Majority Voting-Based Machine Learning Approach	Sivanantham S.	IT	Smart Innovation, Systems and Technologies	2022	9781728170299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132043106&doi=10.1007%2F978-981-19-0011-2_30&partnerID=40&md5=f9a6c3a4bfbdd858ec8c7694af6b6b44
32	Secured Energy Proficient and Clustering Methodology for Wireless Sensor Networks	Sakthidevi I.	IT	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	2022	9781665478847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130096766&doi=10.1109%2Ficscds53736.2022.9760941&partnerID=40&md5=d7177c343f9a26a3ec52e3c3fb294664
33	HOFT-MP: A Multipath Routing Algorithm Using Hybrid Optimal Fault Tolerant System for WSNs Using Optimization Techniques	Sumathi A.	EC	Neural Processing Letters	2022	9781665405201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129799765&doi=10.1007%2F978-3-030-99831-3&partnerID=40&md5=5616c071c6a03948411457a6785e5222
34	Ocean knowledge representation through integration of big data employing semantic web technologies	Thangavelu M.	EC	Earth Science Informatics	2022	9781665429214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129500903&doi=10.1007%2F978-3-030-99831-8&partnerID=40&md5=e97a916c56949171d2a14a707815e1d1
35	Information retrieval through a knowledge base system: Semantic web based approach in South-Eastern Coastal areas of India	Thangavelu M.	EC	Songklanakarin Journal of Science and Technology	2022	9781665429214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129180560&partnerID=40&md5=3aa9769940a1266a1049369e8d64545d
36	A Similarity Measure for Classification of Text Extracted from Image using Machine Learning	Lilly Florence M.	CS	Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022	2022	9781665410281	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129156035&doi=10.1109%2Ficcmcs53470.2022.9753797&partnerID=40&md5=546427320a75b34c982edf74dd695682
37	Using Wireless Sensor Networks to Improve Coastguard Productivity Improvements in Transmissions with Cognition	Regin R.	CS	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS	2022	9781665484251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128950953&doi=10.1109%2Ficears53579.2022.9752137&partnerID=40&md5=014004c1bcaad8a4fe3f7

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				2022			3a6dd53a8fb
38	Estimation and Prediction of Crop Yielding Rate Using Machine Learning Techniques	Swamydoss D.	CA	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	2022	9781665480352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128714779&doi=10.1109%2fICCCI54379.2022.9741032&partnerID=40&md5=bf4519d77ef2b2878199fea138f587b0
39	Online shopping behavior analysis for smart business using big data analytics and blockchain security	Sivaparthipan C.B.	CS	International Journal of Modeling, Simulation, and Scientific Computing	2022	9781799831136; 9781799831112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128531500&doi=10.1142%2fS1793962322500532&partnerID=40&md5=edc37f68e5f77c2bd83ec1155b877ac8
40	IoT enabled Primary Skin Cancer Prediction Using Pigmented Lesions	Rajan R.	CS	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128214935&doi=10.1109%2fICAIS53314.2022.9743043&partnerID=40&md5=c03fc158fc79f58fafa1d2e38b37c347
41	Agriculture Crop Selection and Yield Prediction using Machine Learning Algorithms	Swamydoss D.	CA	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128203428&doi=10.1109%2fICAIS53314.2022.9742846&partnerID=40&md5=f66b51047bd933f6eada552c5688f070
42	Reliability Model for Joint Production and Preventive Maintenance System based on IoT	Regin R.	CS	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128178797&doi=10.1109%2fICAIS53314.2022.9742819&partnerID=40&md5=7ea3795d11ade0c316fd2b7a89d0a3c8
43	Preparation and characterization of hydroxyapatite from portunus sanguinolentus crab shell	Rohan J.	CH	Journal of Ceramic Processing Research	2022	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127318596&doi=10.36410%2fjcp.2022.23.1.22&partnerID=40&md5=8ce801e56a2a505bdfaa95a1fe121a49
44	Context-Aware Augmented Reality Using Human–Computer Interaction Models	Fathima G.	CS	Journal of Control and Decision	2022	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123732653&doi=10.1080%2f23307706.2022.2026260&partnerID=40&md5=a89594d10d5590518027a231ba362575
45	Dysgraphia Classification based on the Non-Discrimination Regularization in Rotational Region Convolutional Neural Network	Ghouse F.	CS	International Journal of Intelligent Engineering and Systems	2022	9780323901789; 9780323901796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123527087&doi=10.22266%2fIJIES2022.0228.06&partnerID=40&md5=99d4fc5ff48a0c4598caf09c1c9cc7e8
46	Mahgoub transform and hyers-ulam stability of nth order linear differential equations	Deepa S.	MA	AIMS Mathematics	2022	9780323901789; 9780323901796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122290714&doi=10.3934%2fmath.2022278&partnerID=40&md5=945b6d5399294d28349fd8610848c510
47	Investigation on Micromechanical Behavior of High-Performance Fiber Concrete	Sureshbabu S.	CE	Lecture Notes in Civil Engineering	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122035948&doi=10.1007%2f978-981-16-6403-8_15&partnerID=40&md5=c1f7ec632e64f247c21110b382a0f3b3
48	Hyers-ulam-mittag-leffler stability of fractional differential equations with two caputo derivative using fractional fourier transform	Deepa S.	MA	AIMS Mathematics	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118369394&doi=10.3934%2fmath.2022103&partnerID=40&md5=7ecf1b938a2dad4db7d48ddeb523837b
49	Broad-spectrum survey of medicinal plants as a potential source of anticancer agents [Estudio de amplio espectro de plantas medicinales como fuente potencial de agentes contra el cáncer]	Manivasagan V.	BT	Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117154229&doi=10.37360%2fBLACPM.22.21.1.01&partnerID=40&md5=a189d7de9e6d7379254e2751865cddb9

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50	Ontology based ocean knowledge representation for semantic information retrieval	Thangavelu M.	EC	Computers, Materials and Continua	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117052948&doi=10.32604%2fcmc.2022.020095&partnerID=40&md5=4bb941f4b38d0981acc06b535c6aa2ad
51	Recent development of low cost nebulizer sprayed Cd1-xZnxO nanoparticles	Mariappan R.	PY	Solid State Communications	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116938606&doi=10.1016%2fj.ssc.2021.114544&partnerID=40&md5=2a23a6f93610845697b954a608247a9b
52	Social media data analytics for business decision making system to competitive analysis	Muthu B.	CS	Information Processing and Management	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115033645&doi=10.1016%2fj.ipm.2021.102751&partnerID=40&md5=4c8e39ba76c17e0ff1f964c409c72575
53	Smart HR Competencies and Their Applications in Industry 4.0	Regin R.	IT	Intelligent Systems Reference Library	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114109680&doi=10.1007%2f978-3-030-76653-5_16&partnerID=40&md5=951556a4a2738fa98811cd063ced692
54	An Insight Silver Nanoparticles synthesis and characterization from Leucas aspera for antiuro lithic activity	Manivasagan. V	BT	Positif Journal	2022	0048-4911	https://doi.org/10.37896/psj30.9/1417
55	In Vitro Studies on Phytochemical Screening, Antioxidant, Anti-Inflammatory and Anticancer Properties of <i>Morinda tinctoria Roxb.</i>	Manivasagan. V	BT	Positif Journal	2022	0048-4912	https://doi.org/10.37896/psj30.9/1420
56	A critical review on pyrolysis method as sustainable conversion of waste plastics into fuels	Manivasagan. V	BT	Fuel	2022	162361	https://www.sciencedirect.com/science/article/abs/pii/S0016236122037140
57	Optimization of binary acids pretreatment of corncob biomass for enhanced recovery of cellulose to produce bioethanol	Kavitha. S	BT	Fuel	2022	162361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127512447&doi=10.1016%2fj.fuel.2022.124060&partnerID=40&md5=7b56ac14d7f19fa98f21350a8c840254
58	An insight - A statistical investigation of consolidated bioprocessing of <i>Allium ascalonicum</i> leaves to ethanol using <i>Hangateiclostridium</i> thermocellum KSMK1203 and synthetic consortium	Saranya. K	BT	Renewable Energy	2022	9601481	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123892960&doi=10.1016%2fj.renene.2022.01.047&partnerID=40&md5=cef6d6dbde6d2fd178ce697281d29624
59	Broad-spectrum survey of medicinal plants as a potential source of anticancer agents [Estudio de amplio espectro de plantas medicinales como fuente potencial de agentes contra el cáncer]	Manivasagan. V	BT	Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	2022	0717-7917	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117154229&doi=10.37360%2fBFLACPM.22.21.1.01&partnerID=40&md5=a189d7de9e6d7379254e2751865cddb9
60	Dysgraphia Classification Based On The Non-Discrimination Regularization In Rotational Region Convolutional Neural Network	Fathima G.	CS	International Journal of Intelligent Engineering and Systems	2022	21853118	https://inass.org/publications/
61	Analysis of positive correlation in magnitude and time measurement for earthquake using electric signals	Regin R	CS	Earth Science Informatics	2022	18650473	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122668264&doi=10.1007%2fs12145-021-00754-8&partnerID=40&md5=3d34f4fa76d40ef116fcff0408bbaee
62	Fetal health classification from cardiocographic data using machine learning	Rajan R.	CS	Expert Systems	2022	2664720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120306959&doi=10.1111%2fexsy.12899&partnerID=40&md5=d5c8a223f89adf810618ada2d94e416a

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
63	Smart assistance to dyslexia students using artificial intelligence based augmentative alternative communication	Muthu B.A.	CS	International Journal of Speech Technology	2022	13812416	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120634336&doi=10.1007%2fs10772-021-09921-0&partnerID=40&md5=07835f25888a964347d4ba82c9d11542
64	Human–computer interaction based visual feedback system for augmentative and alternative communication	Sivaparthipan C.B.	CS	International Journal of Speech Technology	2022	13812416	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117219480&doi=10.1007%2fs10772-021-09901-4&partnerID=40&md5=b99b388681b114ef0c840f4943f51141
65	Interactive teaching using human-machine interaction for higher education systems	Sivaparthipan C.B.	CS	Computers and Electrical Engineering	2022	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125652639&doi=10.1016%2fj.compeleceng.2022.107811&partnerID=40&md5=806a8ab5b9f91721249d28ff7e1482c9
66	Human machine interaction-assisted smart educational system for rural children	Muthu B.	CS	Computers and Electrical Engineering	2022	457906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125125899&doi=10.1016%2fj.compeleceng.2022.107812&partnerID=40&md5=bd26206587e1965495abc37d285ca2c7
67	Adaptive neuro fuzzy inference system to enhance the classification performance in smart irrigation system	Vivekanandhan V.	CS	Computational Intelligence	2022	8247935	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120558157&doi=10.1111%2fcoin.12492&partnerID=40&md5=59cb39084c74e1227176c80017a1f3f8
68	Design of efficient location-based multipath self-adaptive balancer router using particle swarm optimization in wireless sensor network	Manikandan M.	CS	International Journal of Communication Systems	2022	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122285187&doi=10.1002%2fdac.5060&partnerID=40&md5=36afdaa829128fde193dd51521f1ff92
69	Fuzzy-based intelligent crop prediction over climate fluctuation using IoT	Sivaparthipan C.B.	CS	Cloud IoT Systems for Smart Agricultural Engineering	2022	9781003185413; 9781032028279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136274414&doi=10.1201%2f9781003185413-10&partnerID=40&md5=995620cbac9200f9a3cb40a41e31e256
70	IoT based smart and intelligent smart city energy optimization	Sivaparthipan C.B.	CS	Sustainable Energy Technologies and Assessments	2022	9781665478847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119091004&doi=10.1016%2fj.seta.2021.101724&partnerID=40&md5=639bd4f485410f2a631ddba800e7d2f1
71	AI Based Self-Learning Intelligent Information Leak Protection System For Insurance Companies	Fathima G.	CS	International journal of All Research Educational and Scientific Methods(IJARESM)	2022	24556211	http://www.ijaresm.com/index.org/
72	Automating The Technical Interview Using Semantic Similarity Matching,Speech Recognition And BERT	Fathima G.	CS	International Journal of Advanced Research in computer and communication Engineering	2022	22781021	https://ijarce.com/indexing/
73	Single Exposure High Dynamic Range Image Reconstruction Based On DWT Algorithm	Fathima G.	CS	International Journal of Advanced Research in computer and communication Engineering	2022	22781021	https://ijarce.com/indexing/
74	Analysis Of Machine Learning Algorithm for Prognostication of Parkinson's Disease Using Speech Articulation	Fathima G.	CS	2022 3rd International Conference for Emerging Technology, INCET 2022	2022	9781665494991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136321940&doi=10.1109%2fincet54531.2022.9824822&partnerID=40&md5=6bc5a1d4fbae6bc0da55f33ad9954b37
75	Blockchain Assisted Disease Identification of COVID-19 Patients with the Help of IDA-DNN	Fathima G.	CS	Wireless Personal Communications	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133011348&doi=10.1007%2fs11277-022-09831-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	Classifier						7&partnerID=40&md5=17edace931a0ae5a2bf800bda266ac2e
76	A Similarity Measure for Classification of Text Extracted from Image using Machine Learning	Lilly Florence M.	CS	Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022	2022	9781665410281	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129156035&doi=10.1109%2fICCMC53470.2022.9753797&partnerID=40&md5=546427320a75b34c982edf74dd695682
77	Using Wireless Sensor Networks to Improve Coastguard Productivity Improvements in Transmissions with Cognition	Regin R.	CS	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	2022	9781665484251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128950953&doi=10.1109%2fICEARS53579.2022.9752137&partnerID=40&md5=014004c1bcaad8a4fe3f73a6dd53a8fb
78	Online shopping behavior analysis for smart business using big data analytics and blockchain security	Sivaparthipan C.B.	CS	International Journal of Modeling, Simulation, and Scientific Computing	2022	9781799831136; 9781799831112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128531500&doi=10.1142%2fS1793962322500532&partnerID=40&md5=edc37f68e5f77c2bd83ec1155b877ac8
79	IoT enabled Primary Skin Cancer Prediction Using Pigmented Lesions	Rajan R.	CS	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128214935&doi=10.1109%2fICAIS53314.2022.9743043&partnerID=40&md5=c03fc158fc79f58fafa1d2e38b37c347
80	Reliability Model for Joint Production and Preventive Maintenance System based on IoT	Regin R.	CS	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128178797&doi=10.1109%2fICAIS53314.2022.9742819&partnerID=40&md5=7ea3795d11ade0c316fd2b7a89d0a3c8
81	Context-Aware Augmented Reality Using Human-Computer Interaction Models	Fathima G.	CS	Journal of Control and Decision	2022	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123732653&doi=10.1080%2f23307706.2022.2026260&partnerID=40&md5=a89594d10d5590518027a231ba362575
82	Social media data analytics for business decision making system to competitive analysis	Muthu B.	CS	Information Processing and Management	2022	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115033645&doi=10.1016%2fj.ipm.2021.102751&partnerID=40&md5=4c8e39ba76c17e0ff1f964c409c72575
83	Efficient routing and performance amelioration using Hybrid Diffusion Clustering Scheme in heterogeneous wireless sensor network	Sumathi A.	EC	International Journal of Communication Systems	2022	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133200346&doi=10.1002%2fdac.5281&partnerID=40&md5=6c88271f5cfa691a7e88f0e6c3858f4f
84	Multi-Faceted Clustering with Enhanced Multi-channel Allocation for Optimal Path Selection in Wireless Sensor Networks	Sumathi A.	EC	Wireless Personal Communications	2022	0929-6212	https://link.springer.com/article/10.1007/s11277-022-10087-4
85	HOFT-MP: A Multipath Routing Algorithm Using Hybrid Optimal Fault Tolerant System for WSNs Using Optimization Techniques	Sumathi A.	EC	Neural Processing Letters	2022	13704621	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129799765&doi=10.1007%2fs11063-022-10852-3&partnerID=40&md5=5616c071c6a03948411457a6785e5222
86	Information retrieval through a knowledge base system: Semantic web based approach in South-Eastern Coastal areas of India	Menakadevi T.	EC	Songklanakarin Journal of Science and Technology	2022	1253395	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129180560&partnerID=40&md5=3aa9769940a1266a1049369e8d64545d
87	An Enhanced Bio-Inspired Routing Algorithm for Vehicular Ad Hoc Networks	Menakadevi T.	EC	Trends in Sciences	2022	27740226	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130708330&doi=10.48048%2ftis.2022.4188&partnerID=40&md5=eded0f5b7166ac919dc6dd9e563a779f
88	Mobility speed prediction using ARIMA and RNN	Menakadevi T.	EC	Concurrency and Computation:	2022	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	for random walk mobility model in mobile ad hoc networks			Practice and Experience			85115844601&doi=10.1002%2fcpe.6625&partnerID=40&md5=3029c389e883da3c0d1ce4810066722f
89	Ocean knowledge representation through integration of big data employing semantic web technologies	Menakadevi T.	EC	Earth Science Informatics	2022	18650473	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129500903&doi=10.1007%2fs12145-022-00813-8&partnerID=40&md5=e97a916c56949171d2a14a707815e1d1
90	An enhanced hybrid ant colony optimization routing protocol for vehicular ad-hoc networks	Menakadevi T.	EC	Journal of Ambient Intelligence and Humanized Computing	2022	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103676157&doi=10.1007%2fs12652-021-03176-y&partnerID=40&md5=c3ca7759dd4dbe535ba7e36a49301b73
91	An enhanced distance and residual energy-based congestion aware ant colony optimization routing for vehicular ad hoc networks	Menakadevi T.	EC	International Journal of Communication Systems	2022	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128200489&doi=10.1002%2fdac.5179&partnerID=40&md5=3fab6ac58e5f33ea0adba7ed8d984dc1
92	Ontology based ocean knowledge representation for semantic information retrieval	Menakadevi T.	EC	Computers, Materials and Continua	2022	15462218	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117052948&doi=10.32604%2fcm.2022.020095&partnerID=40&md5=4bb941f4b38d0981acc06b535c6aa2ad
93	An enhanced Gray Wolf Optimization for cluster head selection in wireless sensor networks	Ashokkumar A	EC	International Journal of Communication Systems	2022	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134400229&doi=10.1002%2fdac.5300&partnerID=40&md5=6aa2b5f14b6803df2be64b08e0544272
94	Information retrieval through a knowledge base system: Semantic web based approach in South-Eastern Coastal areas of India	Anitha velu	EC	Songklanakarinn Journal of Science and Technology	2022	1253395	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129180560&partnerID=40&md5=3aa9769940a1266a1049369e8d64545d
95	Experimental study on flexural behavior on various Fibre Reinforced concrete beams	M Kathirvel	CE	International Journal of Engineering and techniques	2022	2395-1303	http://www.ijetjournal.org/archives/ijet-v8i3p47.html
96	Comparative study of flat slab and conventional slab using ETABS	M Kathirvel	CE	International Journal of engineering and techniques	2022	2395-1303	http://www.ijetjournal.org/archives/ijet-v8i3p48.html
97	Comparative study on fibre Reinforced concrete	M Kathirvel	CE	International Journal of Engineering and Techniques	2022	2349-6002	https://www.ijert.org/Article?manuscript=153570
98	Degradation of formaldehyde from wastewater by batch re-circulation process using a photocatalytic reactor	Ezhilkumar P.	CH	Desalination and Water Treatment	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-851123164374&doi=10.5004%2fdwt.2021.27903&partnerID=40&md5=0df67c43e675afd09c9223ba516c2f01
99	Biohydrogen from organic wastes as a clean and environment-friendly energy source: Production pathways, feedstock types, and future prospects	Fetcia Jackulin C.	CH	Bioresource Technology	2021	9781799868729	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115994965&doi=10.1016%2fj.biortech.2021.126021&partnerID=40&md5=e1e46f0924f6f6ccf2871402e68ba517
100	An influence of temperature on structural, morphological, thermal, optical and photoluminescence properties of LaPO ₄ nanoparticles	Mariappan R.	PY	Optik	2021	9781728115252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114259510&doi=10.1016%2fj.ijleo.2021.167860&partnerID=40&md5=8ab4253aef6f29a5b67ba2b939d9d9ad
101	Mittag–Leffler–Hyers–Ulam Stability of Delay Fractional Differential Equation via Fractional Fourier Transform	Mohanapriya A.	MA	Results in Mathematics	2021	9781728115252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112275208&doi=10.1007%2fs00025-021-01491-6&partnerID=40&md5=d0f7aa5a5bcd92ac933301ab76952663
102	Cloud-assisted Parkinson disease identification system for remote patient monitoring and diagnosis in the smart healthcare applications	Thangavelu M.	EC	Concurrency and Computation: Practice and Experience	2021	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107540192&doi=10.1002%2fcpe.6419&partnerID=40&md5=f1b69bf4e490e29e65c44a2798cfcd4c



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103	Organizational business intelligence and decision making using big data analytics	Sivaparthipan C.B.	CS	Information Processing and Management	2021	3064573	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113560004&doi=10.1016%2fj.ipm.2021.102725&partnerID=40&md5=70d4a1ad6277f3588ca498c1dd950aab
104	Review on rare earth metals doped LaPO ₄ for optoelectronic applications	Mariappan R.	PY	Solid State Communications	2021	381098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113352035&doi=10.1016%2fj.ssc.2021.114457&partnerID=40&md5=3ac476590af808cf766cd1749487ced
105	Surface improved agro-based material for the effective separation of toxic Ni(II) ions from aquatic environment	Manivasagan V.	BT	Chemosphere	2021	456535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108111007&doi=10.1016%2fj.chemosphere.2021.131215&partnerID=40&md5=2fa7e033a8e1374c556f3c84d76d3ecd
106	Investigation of Structural, Optical and Antibacterial Activity of ZnS Nanoparticles	Mariappan R.	PY	Journal of Cluster Science	2021	10407278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094832844&doi=10.1007%2fs10876-020-01923-3&partnerID=40&md5=38258e4e59717fac032c4f050fcdfc59
107	Bio-inspired algorithms for industrial robot control using deep learning methods	Muthu B.	CS	Sustainable Energy Technologies and Assessments	2021	22131388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113615168&doi=10.1016%2fj.seta.2021.101473&partnerID=40&md5=5aa6b502bfb73eaf432ccee0bb5ff600
108	Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning	Muthu B.	CS	ACM Transactions on Asian and Low-Resource Language Information Processing	2021	23754699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-851120338111&doi=10.1145%2f3439799&partnerID=40&md5=e75ef07f03b9d14eabcb3da9d65d519
109	Multilabel land cover aerial image classification using convolutional neural networks	Rajan R	CS	Arabian Journal of Geosciences	2021	18667511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112597912&doi=10.1007%2fs12517-021-07791-z&partnerID=40&md5=03c777e3d7bca2a9945cfba1ba170ba4
110	Design of Internet of Things and big data analytics-based disaster risk management	Muthu B.A.	CS	Soft Computing	2021	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111495405&doi=10.1007%2fs00500-021-05953-5&partnerID=40&md5=e4386feb49185332885d80d1642765a3
111	Dynamic distributed iterative computational model for payment information management in shared logistics using blockchain-assisted Internet of Things approach	Sivaparthipan C.B.	CS	Soft Computing	2021	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109252972&doi=10.1007%2fs00500-021-05960-6&partnerID=40&md5=a7b8282464b569dde9dc5c5a0785f2fc
112	Group Based Dual Mode Key Management Scheme for Secure Communication in Vehicular Ad Hoc Networks	Thangavelu M.	IT	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104835227&doi=10.1007%2fs11277-021-08498-w&partnerID=40&md5=70578a765e4f3921cb8b57adf2a2a83
113	Stimulation of Bacillus sp. by lipopeptide biosurfactant for the degradation of aromatic amine 4-Chloroaniline	Fetcia Jackulin C.	CH	Journal of Hazardous Materials	2021	3043894	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104941744&doi=10.1016%2fj.jhazmat.2021.125716&partnerID=40&md5=a4abcc019a0147fb56f04abc383daf1b
114	Influence of silicon carbide mixed used engine oil dielectric fluid on EDM characteristics of AA7075/SiCp/B4Cphybrid composites	Sakthivel M.	AE	Materials Research Express	2021	20531591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114020765&doi=10.1088%2f2053-1591%2fac1d1c&partnerID=40&md5=c571bd47bcbf94897c132e0323d7a912

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115	Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks	Sivaparthipan C.B.	CS	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103351329&doi=10.1007%2fs11277-021-08397-0&partnerID=40&md5=f9eb7e322a6a5a2a08fbaa90db376164
116	Corrosion rate and surface hardness optimization in wire electrical discharge machining of AISI A2 tool steel in various conductive states and mediums	Jose S.H.	ME	Materials Research Express	2021	20531591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111183648&doi=10.1088%2f2053-1591%2fac0eb8&partnerID=40&md5=7f48c067b3501afd177683cbfbf049ad
117	Study on consolidated bioprocessing of pre-treated Nannochloropsis gaditana biomass into ethanol under optimal strategy	Manivasagan V.	BT	Renewable Energy	2021	9601481	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102853136&doi=10.1016%2fj.renene.2021.03.015&partnerID=40&md5=556933529d20e86356a76bb6e074425c
118	Node replacement based energy optimization using enhanced salp swarm algorithm (ES2A) in wireless sensor networks	Regin R.	IT	Journal of Engineering Science and Technology	2021	18234690	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109544465&partnerID=40&md5=abe4c2b8263654206162d3bc983ffaf4
119	Importance of implementing smart renewable energy system using heuristic neural decision support system	Muthu B.	CS	Sustainable Energy Technologies and Assessments	2021	22131388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104984003&doi=10.1016%2fj.seta.2021.101185&partnerID=40&md5=8d99569954874100f2972948805ab8bb
120	Big data and artificial intelligence based early risk warning system of fire hazard for smart cities	Muthu B.A.	CS	Sustainable Energy Technologies and Assessments	2021	22131388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101928414&doi=10.1016%2fj.seta.2020.100986&partnerID=40&md5=cd9749dc408c0582f30215b750ee10ff
121	An educational tool for enhanced mobile e-Learning for technical higher education using mobile devices for augmented reality	Regin R.	IT	Microprocessors and Microsystems	2021	1419331	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099630805&doi=10.1016%2fj.micpro.2021.104030&partnerID=40&md5=b1702b6ea9dd34ae7cba9c619939b74c
122	Bit-swapping linear feedback shift register (LFSR) for power reduction using pre-charged XOR with multiplexer technique in built-in self-test	Murugan S.V.	EC	Journal of Ambient Intelligence and Humanized Computing	2021	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086711755&doi=10.1007%2fs12652-020-02222-5&partnerID=40&md5=e855acea58a4451c1adb41c927f99b70
123	Evaluating the performance of various deep reinforcement learning algorithms for a conversational chatbot	Florence L.	CS	2021 2nd International Conference for Emerging Technology, INCET 2021	2021	9781728170299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113347858&doi=10.1109%2fINCET51464.2021.9456321&partnerID=40&md5=931bbb1d2ed45d592fc5a836465d57b0
124	Antioxidant and Anticancer Activities of Roots of Catharanthus roseus (L.) G.Don	Kavitha S.	BT	Research Journal of Chemistry and Environment	2021	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108233001&partnerID=40&md5=21ca4d3dc01c0252b4a0fd48ee98771f
125	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies	Thangavelu M.	EC	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102419929&doi=10.1007%2fs11277-021-08365-8&partnerID=40&md5=f705a9a85318c30660cb88db74ae9875
126	Production Planning and Scheduling of Mediating Effect of Electronic Applications	Regin R.	IT	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021	9781665405201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108025734&doi=10.1109%2fICACCS51430.2021.9441711&partnerID=40&md5=05c291b038f7c94d6a73961c12ff2cce5
127	An Efficient Python Approach for Simulation of	Regin R.	IT	2021 7th International	2021	9781665405201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	Poisson Distribution			Conference on Advanced Computing and Communication Systems, ICACCS 2021			85108022621&doi=10.1109%2FICACCS51430.2021.9441895&partnerID=40&md5=53e3445e204d52a8c5607296296411f7
128	Efficient Classification for Neural Machines Interpretations based on Mathematical models	Regin R.	IT	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021	9781665405201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108021936&doi=10.1109%2FICACCS51430.2021.9441718&partnerID=40&md5=30dd52e9cd254c5110c11caea3c54612
129	Optimization Technique Approach to Resolve Food Sustainability Problems	Regin R.	IT	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	2021	9781665429214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105409457&doi=10.1109%2FICCIKE51210.2021.9410735&partnerID=40&md5=2edc1ce22c0dd8f8d0c8b1fbf09b9949
130	Maximum Information Measure Policies in Reinforcement Learning with Deep Energy-Based Model	Regine R.	IT	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	2021	9781665429214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105391984&doi=10.1109%2FICCIKE51210.2021.9410756&partnerID=40&md5=aa29121c9083e71ecf8714bc762900f5
131	Involvement of Distance Measure in Assessing and Resolving Efficiency Environmental Obstacles	Regin R.	IT	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	2021	9781665429214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105366381&doi=10.1109%2FICCIKE51210.2021.9410765&partnerID=40&md5=58f5636ed6587b9a00b4d956b08821ea
132	Sustainable use of biowaste for synthesis of silver nanoparticles and its incorporation into gelatin-based nanocomposite films for antimicrobial food packaging applications	Manivasagan V.	BT	Journal of Food Process Engineering	2021	1458876	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099110492&doi=10.1111%2Fjffe.13641&partnerID=40&md5=a71a3d8541235f4a9c7bd69dd1e7b043
133	Route optimization for efficient data transmission using time desire strategy in wireless network	Thilagavathy D.	IT	Journal of Ambient Intelligence and Humanized Computing	2021	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082793295&doi=10.1007%2Fs12652-020-01819-0&partnerID=40&md5=a7cbdb0ca654ed973e580e194970ef7
134	Multi-disease prediction model using improved SVM-radial bias technique in healthcare monitoring system	Thangavelu M.	EI	Journal of Ambient Intelligence and Humanized Computing	2021	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077250586&doi=10.1007%2Fs12652-019-01652-0&partnerID=40&md5=8779b58bef79bbe97369279159ac8c0
135	Cloth consultant robot with temperature weather report using uipath - RPA	Sujatha S.	EI	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	2021	9780738111834	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104412423&doi=10.1109%2FICICV50876.2021.9388480&partnerID=40&md5=16ec29d8884c885cc3b66a08b26b6c13
136	Big data analytics in cloud platform	Sathishkumar S.	IT	Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing	2021	9781799831136; 9781799831112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128097571&doi=10.4018%2F978-1-7998-3111-2.ch010&partnerID=40&md5=126cf0fc9feaf1de4c0c70d6f55cbaf5
137	Big data issues: Gathering, governance, GDPR, security, and privacy	Sathishkumar S.	IT	Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing	2021	9781799831136; 9781799831112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127368188&doi=10.4018%2F978-1-7998-3111-2.ch008&partnerID=40&md5=c33c0e8a3a7053d164db7372a185d531

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
138	Technologies for Systematic Procedure Generation of Enhanced Wound Care Devices Through Discriminative Intelligence	Rajan R.	CS	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125415263&doi=10.1109%2fICECA52323.2021.9675886&partnerID=40&md5=a92ac0b4bc604633e88f4b5c21ec7380
139	Orthographic Comparison Revealed by Ambient Sentiment Classification	Rajan R.	CS	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125389567&doi=10.1109%2fICECA52323.2021.9675995&partnerID=40&md5=4593e1734e0131cb54ff3b66b7f5fe4c
140	Investigation Relationship between Network Congestion and Vehicle Density in VANETs	Menakadevi T.	CS	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125366685&doi=10.1109%2fICECA52323.2021.9675972&partnerID=40&md5=53eb56799ad37d14e47f1aaff0bbc6fe
141	Impact of Strength Picture on Convolving with Regulation	Rajan R.	CS	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124206584&doi=10.1109%2fISMAC52330.2021.9640851&partnerID=40&md5=cae3faec6ba7b26c1e654b5b264fdd64
142	Optimize the Residual Signal Transmission Based on Moving Vector Classification for Video Coding	Regin R.	CS	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124205329&doi=10.1109%2fISMAC52330.2021.9640930&partnerID=40&md5=57ec4903388bec463c0acc27d4bc54f
143	Biogas recovery from sludge	Kavitha S.	BT	Clean Energy and Resource Recovery: Wastewater Treatment Plants as Biorefineries, Volume 2	2021	9780323901789; 9780323901796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123887544&doi=10.1016%2fB978-0-323-90178-9.00008-1&partnerID=40&md5=f51a7b81068d3482c97811b3cfa3f27
144	Wastewater to biogas recovery	Kavitha S.	BT	Clean Energy and Resource Recovery: Wastewater Treatment Plants as Biorefineries, Volume 2	2021	9780323901789; 9780323901796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123882259&doi=10.1016%2fB978-0-323-90178-9.00029-9&partnerID=40&md5=e44d016c3047965ab99aaf3aea81d1ee
145	Application of Access Control Framework in Cloud Reliability	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123222174&doi=10.1109%2fICOSEC51865.2021.9591973&partnerID=40&md5=fdc93c04dcafa322297f7414f51df22c
146	Brain Tumor Analysis Using Advanced Textural Feature Extraction Algorithm	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123216656&doi=10.1109%2fICOSEC51865.2021.9591739&partnerID=40&md5=611f37ac826b8ae65b02378a4ed8b51d
147	Predicting Network Congestion with Machine Learning	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123211397&doi=10.1109%2fICOSEC51865.2021.9591897&partnerID=40&md5=c8e468c5cdfedeeff681c38e620ef5a09

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
148	Detection and Localization of Early-Stage Lung Tumor Using K-Means Clustering and Object Counting	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123195137&doi=10.1109%2fICSECE51865.2021.9591798&partnerID=40&md5=44a23df5a2767a8d9f107c082bad5098
149	Rainfall Prediction Using Deep Mining Strategy for Detection	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123194706&doi=10.1109%2fICSECE51865.2021.9591879&partnerID=40&md5=8d385d075ecfa7f9c674a8245c0e141e
150	Applications of Two Separate Methods to Deal with a Small Dataset and a High Risk of Generalization	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123188930&doi=10.1109%2fICSECE51865.2021.9591870&partnerID=40&md5=11f8b9087fc50065fec2f08cbe6f93ae
151	Technical Support for Detection and Prediction of Rainfall	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123164935&doi=10.1109%2fICSECE51865.2021.9591762&partnerID=40&md5=34f705994d7093b08680ade611a9f30e
152	Impact of Convolutional Neural Networks to Detect Visual Trends and Generate Real Price Swings	Regin R.	IT	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123161429&doi=10.1109%2fICSECE51865.2021.9591959&partnerID=40&md5=8a67604fbc0de0caff06fab855c8ab45
153	Fault Detection in Wireless Sensor Network Based on Deep Learning Algorithms	Regin R.	IT	EAI Endorsed Transactions on Scalable Information Systems	2021	20329407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1122846792&doi=10.4108%2feai.3-5-2021.169578&partnerID=40&md5=5669e864f8f737360bb467ae35b17f00
154	Research on Intelligent Trash Can Garbage Classification Scheme Based on Improved YOLOv3 Target Detection Algorithm	Muthu B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122042410&doi=10.1142%2fS0219265921440047&partnerID=40&md5=f5ae3b0d20d84bce251b1d82a2fa8cb9
155	Extensive classification of visual art paintings for enhancing education system using hybrid SVM-ANN with sparse metric learning based on kernel regression	Sivaparthipan C.B.	CS	International Journal of Interactive Multimedia and Artificial Intelligence	2021	19891660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121685012&doi=10.9781%2ffijimai.2021.10.001&partnerID=40&md5=04c3ee35e10bf65743ab0d85fc9db057
156	Improvement of Association Algorithm and Its Application in Audit Data Mining	Sivaparthipan C.B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121101861&doi=10.1142%2fS0219265921440023&partnerID=40&md5=3531307339af03af703ac0e73e87cb6b
157	Application of Automobile Modelling Optimization Design Based on Virtual Reality Technology	Sivaparthipan C.B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120891517&doi=10.1142%2fS0219265921430076&partnerID=40&md5=ecc94ca0e25bfd3feb27f8bf5fe23796
158	Analysis of physical health with internet of things-based computational narrowband physical health framework	Sivaparthipan C.B.	CS	Technology and Health Care	2021	9287329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118736818&doi=10.3233%2fTHC-213002&partnerID=40&md5=4d52ab84ea97a0e325091b3dc16c3439
159	Frontiers in telemedicine and internet of things in health monitoring	Muthu B.	CS	Technology and Health Care	2021	9287329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118691389&doi=10.3233%2fTHC-213018&partnerID=40&md5=6e470f655fe835816b36

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							8922a12dc2bf
160	Sentiment analysis of tweets on the COVID-19 pandemic using machine learning techniques	Kumar K.R.	BA	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies	2021	9781799868729	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118516147&doi=10.4018%2f978-1-7998-6870-5.ch021&partnerID=40&md5=8e0464d503b2c0c0d8a3e2b46a4f0e37
161	Knowledge-based systems for blockchain-based cognitive cloud computing model for security purposes	Muthu B.	CS	International Journal of Modeling, Simulation, and Scientific Computing	2021	17939623	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118484052&doi=10.1142%2fS1793962322410021&partnerID=40&md5=57ba2435f5d8efc25262099c6ab02459
162	Deep Learning-Assisted Heuristic Data Management in the E-Commerce Recommendation System	Muthu B.A.	CS	Arabian Journal for Science and Engineering	2021	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116989905&doi=10.1007%2fs13369-021-06081-w&partnerID=40&md5=15a41e66ae43aa6a86f2f830f201121a
163	An integrated approach for sustainable development of wastewater treatment and management system using IoT in smart cities	Rajan R.	CS	Soft Computing	2021	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114763951&doi=10.1007%2fs00500-021-06244-9&partnerID=40&md5=f908eff28f414ff04a1a3596c8190111
164	Human-Computer Interaction on IoT-Based College Physical Education	Sivaparthipan C.B.	CS	Arabian Journal for Science and Engineering	2021	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114349567&doi=10.1007%2fs13369-021-05895-v&partnerID=40&md5=672c80e952c230540b9886dc62481c9d
165	Machine Learning-Based Holistic Privacy Decentralized Framework for Big Data Security and Privacy in Smart City	Muthu B.A.	CS	Arabian Journal for Science and Engineering	2021	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112578872&doi=10.1007%2fs13369-021-06028-1&partnerID=40&md5=74c4fb15157edc2dc192c34e11589fce
166	Bigdata assisted energy conversion model for innovative city application	Sivaparthipan C.B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112371935&doi=10.1142%2fS0219265921410085&partnerID=40&md5=1d6fc435e343d9b8a35c00d1f4571700
167	Rule precision index classifier: an associative classifier with a novel pruning measure for intrusion detection	Sivanantham S.	IT	Personal and Ubiquitous Computing	2021	16174909	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111112480&doi=10.1007%2fs00779-021-01599-0&partnerID=40&md5=8a4709260d96402e231f038dd6660756
168	Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT	Rajan R.	CS	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109905339&doi=10.1007%2fs11277-021-08721-8&partnerID=40&md5=8b100d5c15d458523ff7ebb6366496a8
169	Sentimental analysis in student-teacher communication for effective learning	Sivaparthipan C.B.	CS	Aggression and Violent Behavior	2021	13591789	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109108148&doi=10.1016%2fj.avb.2021.101629&partnerID=40&md5=32ffc71178de36982dde332266b8a15b
170	Encrypted Network Traffic Classification and Resource Allocation with Deep Learning in Software Defined Network	Rajan R.	IT	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103390660&doi=10.1007%2fs11277-021-08403-5&partnerID=40&md5=8ef4a4402ce3817c5ee124540758d9af
171	A Genetic Programming Approach to Binary Classification Problem	Regin R.	IT	EAI Endorsed Transactions on Energy Web	2021	16155548	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102516846&doi=10.4108%2feai.13-7-

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							2018.165523&partnerID=40&md5=6d549b3dd6c37c0156eb3844856bdb70
172	Mitigation of Carbon Dioxide Gas from a DI Diesel Engine Fuelled with Honge Biodiesel for Agriculture	Senthil Kumar K.	ME	Lecture Notes in Mechanical Engineering	2021	21954356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096616887&doi=10.1007%2F978-981-15-7557-0_3&partnerID=40&md5=a6e05bfab956ff9be4d385080c49b899
173	Hybrid approach using machine learning techniques in credit card fraud detection	Sivanantham S.	IT	Advances in Intelligent Systems and Computing	2021	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091123303&doi=10.1007%2F978-981-15-5029-4_19&partnerID=40&md5=8d406ffec314c4685b821a03027a8ac0
174	Enhancement of ultrasound assisted aqueous extraction of polyphenols from waste fruit peel using dimethyl sulfoxide as surfactant: Assessment of kinetic models	Kavitha S.	BT	Chemosphere	2021	456535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090039469&doi=10.1016%2Fj.chemosphere.2020.128071&partnerID=40&md5=9d13cc7c3448cab62a0146c3b548ddc2
175	Surface improved agro-based material for the effective separation of toxic Ni(II) ions from aquatic environment	Manivasagan. V	BT	Chemosphere	2021	456535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108111007&doi=10.1016%2Fj.chemosphere.2021.131215&partnerID=40&md5=2fa7e033a8e1374c556f3c84d76d3eccd
176	Study on consolidated bioprocessing of pre-treated Nannochloropsis gaditana biomass into ethanol under optimal strategy	Manivasagan. V	BT	Renewable Energy	2021	9601481	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102853136&doi=10.1016%2Fj.renene.2021.03.015&partnerID=40&md5=556933529d20e86356a76bb6e074425c
177	Antioxidant and Anticancer Activities of Roots of Catharanthus roseus (L.) G.Don	Kavitha. S	BT	Research Journal of Chemistry and Environment	2021	9720626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108233001&partnerID=40&md5=21ca4d3dc01c0252b4a0fd48ee98771f
178	Sustainable use of biowaste for synthesis of silver nanoparticles and its incorporation into gelatin-based nanocomposite films for antimicrobial food packaging applications	Manivasagan. V	BT	Journal of Food Process Engineering	2021	1458876	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099110492&doi=10.1111%2Fjfpe.13641&partnerID=40&md5=a71a3d8541235f4a9c7bd69dd1e7b043
179	In-Vitro Evaluation of Anti-Cancer Activity of Actinidia Deliciosa And Brassica Juncea on Human Lung Carcinoma Cells (A549)	Manivasagan. V	BT	Gorteria Journal,	2021	0017-2294	https://gorteria.com/
180	Phytochemical, Antioxidant & Antimicrobial Investigation of Withania somnifera for its Therapeutic Uses.	Manivasagan. V	BT	PENSEE	2021	0031-4773	https://penseereseach.com/
181	Study of Germination Potential and Genetic Purity of Rice (Oryza Sativa) F1 Hybrid by Quality Assurance and Molecular Methods	Manivasagan. V	BT	Journal of Huazhong University of Science and Technology	2021	1671-4512.	http://hustjournal.com/
182	Molecular Systematic Investigations of Three Fin Fish Cichlid Species of Oreochromis niloticus (NileTilapia), Genetically Improved Farmed Tilapia, (GIFT) and Astronotus ocellatus (Oscar Cichlid) , NanoBioScience Platinum	Manivasagan. V	BT	Letters in Applied nono science Open Access Journal	2021	2284-6808,	https://nanobioletters.com/wp-content/uploads/2021/05/22846808104.28502860.pdf
183	Organizational business intelligence and decision making using big data analytics	Sivaparthipan C.B.	CS	Information Processing and Management	2021	3064573	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113560004&doi=10.1016%2Fj.ipm.2021.102725&partnerID=40&md5=70d4a1ad6277f3588ca498c1dd950aab

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
184	Bio-inspired algorithms for industrial robot control using deep learning methods	Sivaparthipan C.B	CS	Sustainable Energy Technologies and Assessments	2021	22131388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113615168&doi=10.1016%2fj.seta.2021.101473&partnerID=40&md5=5aa6b502bfb73eaf432ccee0bb5ff600
185	Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning	Muthu B.	CS	ACM Transactions on Asian and Low-Resource Language Information Processing	2021	23754699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120338111&doi=10.1145%2f3439799&partnerID=40&md5=e75ef07f03b9d14eabcab3da9d65d519
186	Multilabel land cover aerial image classification using convolutional neural networks	Rajan R	CS	Arabian Journal of Geosciences	2021	18667511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112597912&doi=10.1007%2fs12517-021-07791-z&partnerID=40&md5=03c777e3d7bca2a9945cfba1ba170ba4
187	Design of Internet of Things and big data analytics-based disaster risk management	Muthu B.A.	CS	Soft Computing	2021	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111495405&doi=10.1007%2fs00500-021-05953-5&partnerID=40&md5=e4386feb49185332885d80d1642765a3
188	Dynamic distributed iterative computational model for payment information management in shared logistics using blockchain-assisted Internet of Things approach	Sivaparthipan C.B.	CS	Soft Computing	2021	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109252972&doi=10.1007%2fs00500-021-05960-6&partnerID=40&md5=a7b8282464b569dde9dc5c5a0785f2fc
189	Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks	Sivaparthipan C.B.	CS	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103351329&doi=10.1007%2fs11277-021-08397-0&partnerID=40&md5=f9eb7e322a6a5a2a08fbaa90db376164
190	Importance of implementing smart renewable energy system using heuristic neural decision support system	Muthu B.	CS	Sustainable Energy Technologies and Assessments	2021	22131388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104984003&doi=10.1016%2fj.seta.2021.101185&partnerID=40&md5=8d99569954874100f2972948805ab8bb
191	Big data and artificial intelligence based early risk warning system of fire hazard for smart cities	Muthu B.A.	CS	Sustainable Energy Technologies and Assessments	2021	22131388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101928414&doi=10.1016%2fj.seta.2020.100986&partnerID=40&md5=cd9749dc408c0582f30215b750ee10ff
192	Evaluating the performance of various deep reinforcement learning algorithms for a conversational chatbot	Florence L.	CS	2021 2nd International Conference for Emerging Technology, INCET 2021	2021	9781728170299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113347858&doi=10.1109%2fINCET51464.2021.9456321&partnerID=40&md5=931bbb1d2ed45d592fc5a836465d57b0
193	Technologies for Systematic Procedure Generation of Enhanced Wound Care Devices Through Discriminative Intelligence	Rajan R.	CS	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125415263&doi=10.1109%2fICECA52323.2021.9675886&partnerID=40&md5=a92ac0b4bc604633e88f4b5c21ec7380
194	Orthographic Comparison Revealed by Ambient Sentiment Classification	Rajan R.	CS	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125389567&doi=10.1109%2fICECA52323.2021.9675995&partnerID=40&md5=4593e1734e0131cb54ff3b66b7f5fe4c
195	Investigation Relationship between Network Congestion and Vehicle Density in VANETs	Menakadevi T.	CS	Proceedings of the 5th International Conference on	2021	9781665435246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125366685&doi=10.1109%2fICECA52323.2021.96

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196	Impact of Strength Picture on Convolving with Regulation	Rajan R.	CS	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124206584&doi=10.1109%2FISMAC52330.2021.9640851&partnerID=40&md5=cae3faec6ba7b26c1e654b5b264fdd64
197	Optimize the Residual Signal Transmission Based on Moving Vector Classification for Video Coding	Regin R.	CS	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124205329&doi=10.1109%2FISMAC52330.2021.9640930&partnerID=40&md5=57ec4903388becc463c0acc27d4bc54f
198	Research on Intelligent Trash Can Garbage Classification Scheme Based on Improved YOLOv3 Target Detection Algorithm	Muthu B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122042410&doi=10.1142%2FIS0219265921440047&partnerID=40&md5=f5ae3b0d20d84bce251b1d82a2fa8cb9
199	Extensive classification of visual art paintings for enhancing education system using hybrid SVM-ANN with sparse metric learning based on kernel regression	Sivaparthipan C.B.	CS	International Journal of Interactive Multimedia and Artificial Intelligence	2021	19891660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121685012&doi=10.9781%2Fijimai.2021.10.001&partnerID=40&md5=04c3ee35e10bf65743ab0d85fc9db057
200	Improvement of Association Algorithm and Its Application in Audit Data Mining	Sivaparthipan C.B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121101861&doi=10.1142%2FIS0219265921440023&partnerID=40&md5=3531307339af03af703ac0e73e87cb6b
201	Application of Automobile Modelling Optimization Design Based on Virtual Reality Technology	Sivaparthipan C.B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120891517&doi=10.1142%2FIS0219265921430076&partnerID=40&md5=ecc94ca0e25bfd3feb27f8bf5fe23796
202	Analysis of physical health with internet of things-based computational narrowband physical health framework	Sivaparthipan C.B.	CS	Technology and Health Care	2021	9287329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118736818&doi=10.3233%2FTHC-213002&partnerID=40&md5=4d52ab84ea97a0e325091b3dc16c3439
203	Frontiers in telemedicine and internet of things in health monitoring	Muthu B.	CS	Technology and Health Care	2021	9287329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118691389&doi=10.3233%2FTHC-213018&partnerID=40&md5=6e470f655fe835816b368922a12dc2bf
204	Knowledge-based systems for blockchain-based cognitive cloud computing model for security purposes	Muthu B.	CS	International Journal of Modeling, Simulation, and Scientific Computing	2021	17939623	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118484052&doi=10.1142%2FIS1793962322410021&partnerID=40&md5=57ba2435f5d8efc25262099c6ab02459
205	Deep Learning-Assisted Heuristic Data Management in the E-Commerce Recommendation System	Muthu B.A.	CS	Arabian Journal for Science and Engineering	2021	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116989905&doi=10.1007%2Fs13369-021-06081-w&partnerID=40&md5=15a41e66ae43aa6a86f2f830f201121a
206	An integrated approach for sustainable development of wastewater treatment and	Rajan R.	CS	Soft Computing	2021	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114763951&doi=10.1007%2Fs00500-021-06244-

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	management system using IoT in smart cities						9&partnerID=40&md5=f908eff28f414ff04a1a3596c8190111
207	Human–Computer Interaction on IoT-Based College Physical Education	Sivaparthipan C.B.	CS	Arabian Journal for Science and Engineering	2021	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114349567&doi=10.1007%2fs13369-021-05895-v&partnerID=40&md5=672c80e952c230540b9886dc62481c9d
208	Machine Learning-Based Holistic Privacy Decentralized Framework for Big Data Security and Privacy in Smart City	Muthu B.A.	CS	Arabian Journal for Science and Engineering	2021	2193567X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112578872&doi=10.1007%2fs13369-021-06028-1&partnerID=40&md5=74c4fb15157edc2dc192c34e11589fce
209	Bigdata assisted energy conversion model for innovative city application	Sivaparthipan C.B.	CS	Journal of Interconnection Networks	2021	2192659	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112371935&doi=10.1142%2fS0219265921410085&partnerID=40&md5=1d6fc435e343d9b8a35c00d1f4571700
210	Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT	Rajan R.	CS	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109905339&doi=10.1007%2fs11277-021-08721-8&partnerID=40&md5=8b100d5c15d458523f7ebb6366496a8
211	Sentimental analysis in student-teacher communication for effective learning	Sivaparthipan C.B.	CS	Aggression and Violent Behavior	2021	13591789	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109108148&doi=10.1016%2fj.avb.2021.101629&partnerID=40&md5=32ffc71178de36982dde332266b8a15b
212	Bit-swapping linear feedback shift register (LFSR) for power reduction using pre-charged XOR with multiplexer technique in built in self-test	Vijay Murugan S.	EC	Journal of Ambient Intelligence and Humanized Computing	2021	18685137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086711755&doi=10.1007%2fs12652-020-02222-5&partnerID=40&md5=e855acea58a4451c1adb41c927f99b70
213	Cloud-assisted Parkinson disease identification system for remote patient monitoring and diagnosis in the smart healthcare applications	Menakadevi T.	EC	Concurrency And Computation-Practice & Experience	2021	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107540192&doi=10.1002%2fcpe.6419&partnerID=40&md5=f1b69bf4e490e29e65c44a2798cfd4c
214	Group Based Dual Mode Key Management Scheme for Secure Communication in Vehicular Ad Hoc Networks	Menakadevi.T	EC	Wireless Personal Communications	2021	0929-6212	https://link.springer.com/article/10.1007/s11277-021-08498-w
215	An Improved Direct Digital Synthesizer Using Hybrid Wave Pipelining and CORDIC algorithm for Software Defined Radio	Menakadevi.T	EC	Circuits Systems and Signal Processing	2021	0278-081X	https://link.springer.com/article/10.1007/s00034-012-9495-x
216	Multi-disease prediction model using improved SVM-radial bias technique in healthcare monitoring system	Menakadevi.T	EC	Journal of Ambient Intelligence and Humanized Computing	2021	1687-9724	https://link.springer.com/article/10.1007/s12652-019-01652-0#:~:text=The%20experimental%20results%20show%20that,and%20Diabetes%20disease%20dataset%20respectively.
217	A novel clustering technique to stop congestion occur vehicular ad-hoc networks using node density based on received signal strength	Menakadevi.T	EC	Peer-to-Peer Networking and Applications	2021	1936-6442	https://link.springer.com/article/10.1007/s12083-020-00958-7
218	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies	Menakadevi T.	EC	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102419929&doi=10.1007%2fs11277-021-08365-8&partnerID=40&md5=f705a9a85318c30660cb88db74ae9875

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219	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies	Anitha velu	EC	Wireless Personal Communications	2021	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102419929&doi=10.1007%2fs11277-021-08365-8&partnerID=40&md5=f705a9a85318c30660cb88db74ae9875
220	Strengthening of concrete of beams using ternary blend with sugar cane bagasse ash and Prosopis juliflora ash	M Kathirvel	CE	International Journal of , engineering and techniques	2021	2395-1303	http://www.ijetjournal.org/archives/ijet-v7i6p11.html
221	Experimental Study of Shear Behaviour of Hybrid Fiber Reinforced Concrete Beams	M Kathirvel	CE	, International Journal of Research in Engineering, Science and Management	2021	2581-5792	https://www.journals.resaim.com/ijresm/article/view/611
222	Experimental study on Strengthening Existing Column By RC Jacketing	M Kathirvel	CE	Journal for Science and Advance Research In Technology	2021	2395-1052	http://ijsart.com/Home/IssueDetail/43174
223	Spectroscopy Analysis for Quality Control Measurement in Waste Management	Regin R.	IT	Journal of Physics: Conference Series	2020	17426588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098538175&doi=10.1088%2f1742-6596%2f1712%2f1%2f012037&partnerID=40&md5=f46cae69b75cd395c24aba9508f44dac
224	A study on fractional differential equations using the fractional Fourier transform	Mohanapriya A.	MA	Advances in Difference Equations	2020	16871839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097394400&doi=10.1186%2f13662-020-03148-0&partnerID=40&md5=4c82814e2b7bc4ad49b12fa8c7d5e4a1
225	Fractional Fourier transform and stability of fractional differential equation on Lizorkin space	Mohanapriya A.	MA	Advances in Difference Equations	2020	16871839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092600591&doi=10.1186%2f13662-020-03046-5&partnerID=40&md5=1ad0eb9c36b720cd154812668d1e0264
226	Mittag-Leffler–Hyers–Ulam stability of differential equation using Fourier transform	Mohanapriya A.	MA	Advances in Difference Equations	2020	16871839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088783991&doi=10.1186%2f13662-020-02854-z&partnerID=40&md5=ebc3d76fdb78d2c8655b9459128e2534
227	Synthesis of some pharmacologically relevant coumarins linked with (hetero)aryl amides	Sivakumar K.	CY	AIP Conference Proceedings	2020	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096449095&doi=10.1063%2f5.0018033&partnerID=40&md5=b8a8acb28c62395b6d7e8ced92f5d9e8
228	Hybrid method for detection and classification of paddy leaf deficiency using modified k-means image segmentation	Mohanapriya A.	MA	Indian Journal of Computer Science and Engineering	2020	9765166	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098203903&doi=10.21817%2findjcsse%2f2020%2f11i6%2f201106010&partnerID=40&md5=779c89e583ad56282c72de5176a9402f
229	Thermal safety assessment for solid organic peroxides	Das M.	CH	Journal of Loss Prevention in the Process Industries	2020	9504230	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091951238&doi=10.1016%2fj.jlp.2020.104292&partnerID=40&md5=8dc31f851d68d8b3074640d3e7edc045
230	Nuclear structure of some even and odd nuclei using shell model calculations	Regin R.	IT	AIP Conference Proceedings	2020	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096547420&doi=10.1063%2f5.0030932&partnerID=40&md5=5522ae167bd7197e70d46a009754b7ec
231	Design of cost-effective wearable sensors with integrated health monitoring system	Poovendran R.	EC	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	9781728154640	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097828930&doi=10.1109%2fISMAC49090.2020.9243462&partnerID=40&md5=e1ef0f49f42463a4d8912ad69ee651a2
232	Screening of polyhydroxybutyrate producing	Narayanan M.	BT	Heliyon	2020	24058440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	indigenous bacteria from polluted lake soil						85094193528&doi=10.1016%2Fj.heliyon.2020.e05381&partnerID=40&md5=ac1f06e8266526cf03dd56b0a2c9e3b0
233	Recent advancements in rapid analysis of pesticides using nano biosensors: A present and future perspective	Madhesh P.	EC	Journal of Cleaner Production	2020	9596526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085271254&doi=10.1016%2Fj.jclepro.2020.122356&partnerID=40&md5=c76ab6a4a9aa8f39b87b402d4f2bc5af
234	Effect of dopant concentration on polyaniline/poly(4-styrene sulfonic acid) composite for ammonia gas detection	Mariappan R.	PY	Polymers and Polymer Composites	2020	9673911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077450381&doi=10.1177%2F0967391119895743&partnerID=40&md5=1d8a7912070a32fe07a67e1acb878fa3
235	Optimal Feature Selection for the Classification of Hyperspectral Imagery Using Adaptive Spectral–Spatial Clustering	Sumathi A.	EC	International Journal of Parallel Programming	2020	8857458	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055987255&doi=10.1007%2Fs10766-018-0607-5&partnerID=40&md5=e834221680bae90e9273b64cd801b5b2
236	An improved distance-based ant colony optimization routing for vehicular ad hoc networks	Menakadevi T.	EC	International Journal of Communication Systems	2020	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087301258&doi=10.1002%2Fdc.4502&partnerID=40&md5=f8df2d77cae1ebde32b98ec49cce1035
237	Application of artificial intelligence to predict flow assisted corrosion in nuclear/thermal power plant	Lishma P.L.	CH	Indian Journal of Chemical Technology	2020	0971457X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097802682&partnerID=40&md5=eff93036bd835bd0f2b6a3b8e238b483
238	Effect of rubber ash on mechanical properties of Al6061 based hybrid FGMMC	Ranganath G.	ME	Materials Research Express	2020	20531591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092426921&doi=10.1088%2F2053-1591%2Fabb8a1&partnerID=40&md5=a2c9210ffadfd9db776987c633bd1397
239	New generalization of hermite-hadamard type of inequalities for convex functions using fourier integral transform	Mohanapriya A.	MA	Thai Journal of Mathematics	2020	16860209	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091998151&partnerID=40&md5=750b41a7fecc15bce75d8bb63a1d8fca
240	IoT role in prevention of COVID-19 and health care workforces behavioural intention in India - an empirical examination	Kumar K.R.	BA	International Journal of Pervasive Computing and Communications	2020	17427371	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088706444&doi=10.1108%2Fijpcc-06-2020-0056&partnerID=40&md5=a6c75719f31d72e27f2baa4e634e54cc
241	Hyers-Ulam stability of first order linear differential equation using Fourier transform method	Mohanapriya A.	MA	Journal of Physics: Conference Series	2020	17426588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090794592&doi=10.1088%2F1742-6596%2F1597%2F1%2F012026&partnerID=40&md5=4a2d4f06260cff412021962c291a0546
242	The Fourier transform approach to Hyers-Ulam stability of differential equation of second order	Mohanapriya A.	MA	Journal of Physics: Conference Series	2020	17426588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090759492&doi=10.1088%2F1742-6596%2F1597%2F1%2F012027&partnerID=40&md5=7a56ca728c14ef89c41632fb417d8570
243	Robotic Arm for Extricate Operation in Bore well	William Raj L.D.	EC	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098286542&doi=10.1109%2FicSCAN49426.2020.9262297&partnerID=40&md5=45d9313a0384abaf0eab587183721293
244	Design of Nano Thermoelectric Generator for Wireless Nano-Sensor Network	Poovendran R.	EC	2020 International Conference on System, Computation, Automation and Networking,	2020	9781728162027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098260915&doi=10.1109%2FicSCAN49426.2020.9262300&partnerID=40&md5=bec23d5c1bedbefdbee9

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				ICSCAN 2020			7c3d371827a
245	Multi-Purpose Intelligent Drudgery Reducing Ecobot	Poovendran R.	EC	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098253726&doi=10.1109%2fICSCAN49426.2020.9262372&partnerID=40&md5=e17f96c0056478c3ee4599c279f22ee
246	Architectural exploration of heterogeneous NoC with fault tolerant capacity	Poovendran R.	EC	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098237560&doi=10.1109%2fICSCAN49426.2020.9262453&partnerID=40&md5=b7c50fda3e5243c25038d369f240bc79
247	Performance Evaluation of Association Rule based Classification in Cancer Diagnosis	Sivanantham S.	IT	Proceedings of the 2nd International Conference on Inventive Research in Computing Applications, ICIRCA 2020	2020	9781728153742	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092061364&doi=10.1109%2fICIRCA48905.2020.9182947&partnerID=40&md5=9345d0f37f4c209a1f35d87ca595cc4a
248	Oxalate oxidase: An antilithiatic enzyme from staphylococcus pasteuri and its degradation studies	Saravanan S.	BT	International Journal of Pharmaceutical Research	2020	9752366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090676847&doi=10.31838%2fijpr%2f2020.12.03.207&partnerID=40&md5=bad3d3d6f063092eb3641e6672da9b7
249	Optimization Techniques in Network Slicing and Human Approach for Education Game	Swamydoss D.	CA	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	9781728155180	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089989655&doi=10.1109%2fICOEI48184.2020.9142935&partnerID=40&md5=645d6ca20a472f9a19c9153378f6af79
250	Thermal hazardous evaluation of autocatalytic reaction of cumene hydroperoxide alone and mixed with products under isothermal and non-isothermal conditions	Das M.	CH	Journal of Thermal Analysis and Calorimetry	2020	13886150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074968100&doi=10.1007%2fs10973-019-09017-7&partnerID=40&md5=bf9842e684eac99082d7f537315ea67d
251	Green synthesis of iron oxide nanoparticles using Hibiscus rosa-sinensis for fortifying wheat biscuits	Suresh A.	BT	SN Applied Sciences	2020	25233971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097762668&doi=10.1007%2fs42452-020-2477-x&partnerID=40&md5=25a85155dfb753c4147455e5c5db7d2e
252	Low area ASIC implementation of LUT–CLA–QTL architecture for cryptography applications	Balamanikandan A.	CS	Wireless Networks	2020	10220038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066895013&doi=10.1007%2fs11276-019-02017-3&partnerID=40&md5=d44783ea7a91b391b228423a800f0942
253	Synthesis and characterization of n-(4 sulfamoylphenyl) benzamide derivatives	Sivakumar K.	CY	Annals of Tropical Medicine and Public Health	2020	17556783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090704228&doi=10.36295%2fASRO.2020.23740&partnerID=40&md5=3445642e074b23d811d1f340255ce1a0
254	Energy Optimized Node Level Trust Based Data Transaction in Wireless Sensor Network	Menaka A.	IT	2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	9781728151977	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084670900&doi=10.1109%2fICACCS48705.2020.9074470&partnerID=40&md5=792c43cddab664d69820585f80ca3a85
255	Securing Technology and Government Services Enrollment - Stage	Sivanantham S.	IT	2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	9781728151977	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084668310&doi=10.1109%2fICACCS48705.2020.9074404&partnerID=40&md5=1f4c20d1b6dbc4658008a78536575861
256	Latent Fingerprint Enhancement for Investigation	Gowtham Raj M.	IT	2020 6th International	2020	9781728151977	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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				Conference on Advanced Computing and Communication Systems, ICACCS 2020			85084638851&doi=10.1109%2FICACCS48705.2020.9074191&partnerID=40&md5=187caca92623e9d4f54f65e91436f00
257	Synthesis and biological activities of nitro-hydroxy-phenylquinolines; validation of antibiotics effect over DNA gyrase inhibition and antimicrobial activity	Sivakumar K.	CY	Journal of Heterocyclic Chemistry	2020	0022152X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079067992&doi=10.1002%2Fjhct.3851&partnerID=40&md5=94d7dd55869402a37321ad8362932a68
258	A modified approach for the synthesis of biologically relevant 5-substituted-2-N-aryl-1,3-oxazole derivatives in mild conditions	Sivakumar K.	CY	Journal of Taibah University for Science	2020	16583655	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140491019&doi=10.1080%2F16583655.2020.1777782&partnerID=40&md5=6ef334da4dbf1861092adcc0a72e3b05
259	SYNTHESIS OF LAYERED ALUMINOSILICATE BY A DIRECT METHOD	Sundaram T.T.	CY	An Introduction to Aluminosilicates	2020	9781536173109; 9781536172508	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8e870466d32668fa3
260	Development of mobile car black box with synchronous action of vehicle control unit and android mobile using berlinite material	Dhanasekar R.	BA	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112722532&doi=10.1016%2Fj.matpr.2021.01.632&partnerID=40&md5=ea5ca834923b00fd9b871c3d323d76c7
261	Study and analysis of pile foundation supported on sandwich soil strata under dynamic condition	Babu S.S.	CE	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102451118&doi=10.1016%2Fj.matpr.2020.06.040&partnerID=40&md5=19c17b6799807f11ce73d0663e934767
262	Experimental investigation on expansive soils using electro kinetic geosynthetics (EKG) under cyclic loading	Babu S.	CE	Materials Today: Proceedings	2020	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102427921&doi=10.1016%2Fj.matpr.2020.06.349&partnerID=40&md5=d2fcb5aad77a5e76f6c6ba2d3450462d
263	Elephant intrusion warning system using iot and 6lowpan	Thangavelu M.	EC	International Journal of Sensors, Wireless Communications and Control	2020	22103279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099292161&doi=10.2174%2F210327909666191129092006&partnerID=40&md5=f3dd7d525d21299a8dd4d07b6168935f
264	Optimized Node Clustering based on Received Signal Strength with Particle Ordered-filter Routing Used in VANET	Regin R.	IT	Webology	2020	1735188X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099168320&doi=10.14704%2FWEB%2FV17I2%2FWEB17029&partnerID=40&md5=b9a99ea938a855b7f247032ae828d4a5
265	Detecting the Phishing Attack Using Collaborative Approach and Secure Login through Dynamic Virtual Passwords	Regin R.	IT	Webology	2020	1735188X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099124355&doi=10.14704%2FWEB%2FV17I2%2FWEB17049&partnerID=40&md5=2b63589ce2cfa2337dd5b2bbcbf78810
266	Zno-rgo nanocomposite as high-performance photocatalyst in dye degradation	Konga A.	CH	Indian Journal of Chemical Technology	2020	0971457X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097829822&partnerID=40&md5=86599936a0a327c66496a09219beff89
267	Mechanical properties of engineered cementitious composites developed with silica fume [Mechaniczne właściwości kompozytu cementowego z dodatkiem pyłu krzemionkowego]	Babu S.S.	CE	Cement, Wapno, Beton	2020	14258129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096210949&doi=10.32047%2FCWB.2020.25.4.3&partnerID=40&md5=c5101be81b8fc01246546ee19f21dcbe
268	A hybrid PSO-ABC algorithm for optimal load shedding and improving voltage stability	Tamilselvan V.	EE	International Journal of Manufacturing Technology and	2020	13682148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094172043&doi=10.1504%2FIJMTM.2020.109999

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				Management			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090748410&doi=10.37418%2famsj.9.5.77&partnerID=40&md5=42d32b6f0e7b3bed69a683b4b14fde87
269	Hermite-hadamard type of inequalities for harmonically convex function using fourier integral transform	Mohanapriya A.	MA	Advances in Mathematics: Scientific Journal	2020	18578365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090748410&doi=10.37418%2famsj.9.5.77&partnerID=40&md5=42d32b6f0e7b3bed69a683b4b14fde87
270	A novel method: Mixed matrix membrane – an overview	Rohan J.	CH	Journal of Ceramic Processing Research	2020	12299162	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090747801&doi=10.36410%2fjcp.2020.21.3.309&partnerID=40&md5=9e0ad7b51478324a414b7d899c0434bb
271	Performance of ground granulated blast-furnace slag based engineered cementitious composites [Właściwości inżynierskich kompozytów cementowych zawierających granulowany żużel wielkopieczowy]	Suresh Babu S.	CE	Cement, Wapno, Beton	2020	14258129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090633903&doi=10.32047%2fCWB.2020.25.2.2&partnerID=40&md5=9a06886354dcde73863f400ad42f385
272	Resource-based routing protocol for mobile adhoc networks	Menakadevi T.	EC	Songklanakarinn Journal of Science and Technology	2020	1253395	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085686035&partnerID=40&md5=31b48a824065b1b0a2b730ad690f3ebd
273	Photocatalytic degradation of synthetic organic reactive dye wastewater using GO-TiO2 nanocomposite	Konga A.K.	CH	Polish Journal of Environmental Studies	2020	12301485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081535559&doi=10.15244%2fjpoes%2f109027&partnerID=40&md5=732a899e697d8326a0e5fa30a78f4ac6
274	Survey on privacy-preserving and other security issues in data mining	Sathishkumar S.	IT	Lecture Notes in Networks and Systems	2020	23673370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079284838&doi=10.1007%2f978-981-15-0146-3_81&partnerID=40&md5=af1b4d64ccea6f69535ec61072a8134f
275	Survey on data mining and predictive analytics techniques	Sathishkumar S.	IT	Lecture Notes in Networks and Systems	2020	23673370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079278250&doi=10.1007%2f978-981-15-0146-3_94&partnerID=40&md5=5aeab5666a5826e0b4d45808980f01f6
276	Capacity enhancement using delay-sensitive protocol in MANETs	Sivakumar V.	EC	Lecture Notes in Networks and Systems	2020	23673370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079277922&doi=10.1007%2f978-981-15-0146-3_87&partnerID=40&md5=653eb6f31504603470736ae04c549382
277	Synthesis and discovery of pyrazolo-pyridine analogs as inflammation medications through pro- and anti-inflammatory cytokine and COX-2 inhibition assessments	Sivakumar K.	CY	Bioorganic Chemistry	2020	452068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076772800&doi=10.1016%2fj.bioorg.2019.103484&partnerID=40&md5=e9c9e16b41cd45e126debfd160539e2
278	Abrasive Water Jet Machining process: A state of art of review	Mohan M.	EC	Journal of Manufacturing Processes	2020	15266125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076307551&doi=10.1016%2fj.jmapro.2019.11.030&partnerID=40&md5=791ed203513d81c3f9a1c3ca315a0d01
279	Implementation of IDS Within a Crew Using ID3Algorithm in Wireless Sensor Local Area Network	Lilly Florence M.	CS	Lecture Notes in Networks and Systems	2020	23673370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075064559&doi=10.1007%2f978-3-030-33846-6_52&partnerID=40&md5=7ca6381bdc4aaecc9f350ab88095224
280	Solution and stability of a cubic type functional equation: Using direct and fixed point methods	Saravanan M.	EC	Kragujevac Journal of Mathematics	2020	14509628	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067300438&partnerID=40&md5=fd80b662ebc9f5f3

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							3b036422f500431a
281	Enhancement of ultrasound assisted aqueous extraction of polyphenols from waste fruit peel using dimethyl sulfoxide as surfactant: Assessment of kinetic models	Kavitha. S	BT	Chemosphere	2020	456535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090039469&doi=10.1016%2fj.chemosphere.2020.128071&partnerID=40&md5=9d13cc7c3448cab62a0146c3b548ddc2
282	Low area ASIC implementation of LUT–CLA–QTL architecture for cryptography applications	Balamanikandan A.	EEE	Wireless Networks	2020	10220038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066895013&doi=10.1007%2fs11276-019-02017-3&partnerID=40&md5=d44783ea7a91b391b228423a800f0942
283	Implementation of IDS Within a Crew Using ID3Algorithm in Wireless Sensor Local Area Network	Lilly Florence M.	CS	Lecture Notes in Networks and Systems	2020	23673370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075064559&doi=10.1007%2f978-3-030-33846-6_52&partnerID=40&md5=7ca6381bdc4aaecc9f350ab88095224
284	Optimal feature selection for the classification of hyper spectral imagery using adaptive spectral-spatial clustering	Sumathi.A	EC	International Journal of Parallel Programming, Springer	2020	0885-7458	https://link.springer.com/article/10.1007/s10766-018-0607-5
285	Resource-based routing protocol for mobile adhoc networks	Menakadevi T.	EC	Songklanakar Journal of Science and Technology	2020	1253395	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085686035&partnerID=40&md5=31b48a824065b1b0a2b730ad690f3ebd
286	An improved distance-based ant colony optimization routing for vehicular ad hoc networks	Menakadevi T.	EC	International Journal of Communication Systems	2020	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087301258&doi=10.1002%2fdac.4502&partnerID=40&md5=f8df2d77cae1ebde32b98ec49cce1035
287	Elephant intrusion warning system using iot and flowpan	Menakadevi T.	EC	International Journal of Sensors, Wireless Communications and Control	2020	22103279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099292161&doi=10.2174%2f2210327909666191129092006&partnerID=40&md5=f3dd7d525d21299a8dd4d07b6168935f
288	Optimal feature selection for the classification of hyper spectral imagery using adaptive spectral-spatial clustering	Chidambaram S.	EC	International Journal of Parallel Programming, Springer	2020	0885-7458	https://link.springer.com/article/10.1007/s10766-018-0607-5
289	Design of cost-effective wearable sensors with integrated health monitoring system	Poovendran R.	EC	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-172815464-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097828930&doi=10.1109%2fISMAC49090.2020.9243462&partnerID=40&md5=e1ef0f49f42463a4d8912ad69ee651a2
290	Design of Nano Thermoelectric Generator for Wireless Nano-Sensor Network	Poovendran R.	EC	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	978-172816202-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098260915&doi=10.1109%2fICSCAN49426.2020.9262300&partnerID=40&md5=bec23d5c1bedbefdbee97c3d371827a
291	Multi-Purpose Intelligent Drudgery Reducing Ecobot	Poovendran R.	EC	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	978-172816202-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098253726&doi=10.1109%2fICSCAN49426.2020.9262372&partnerID=40&md5=e17f96c0056478c3ee4599c279f22ee
292	Architectural exploration of heterogeneous NoC with fault tolerant capacity	Poovendran R.	EC	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	978-172816202-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098237560&doi=10.1109%2fICSCAN49426.2020.9262453&partnerID=40&md5=b7c50fda3e5243c25038d369f240bc79
293	Robotic Arm for Extricate Operation in Bore well	David William Raj L.	EC	2020 International Conference on System, Computation,	2020	9781728162027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098286542&doi=10.1109%2fICSCAN49426.2020.9



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294	Review on Reinforced Concrete Column Jacketing	M Kathirvel	CE	International International Journal of All Research Education and Scientific Methods	2020	2455-6211	http://www.ijaresm.com/review-on-reinforced-concrete-column-jacketing
295	Comparative Nonlinear Static Analysis On Stiffness Regular And Stiffness Irregular Structure To Seismic Zone Using Etabs	M Kathirvel	CE	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138	https://ijrar.org/viewfull.php?&p_id=IJRAR2002072
296	Experimental study on Finite Element Analysis Nonlinear Composite Column	R Thirumalai	CE	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138	https://ijrar.org/papers/IJRAR2001972.pdf
297	Analytical and experimental study on strengthening of concrete filled steel tubular beam using frp composite	R Thirumalai	CE	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138	http://www.ijrar.org/papers/IJRAR2002013
298	Analytical and experimental study on laced Steel Concrete Composite Beam	R Thirumalai	CE	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138	http://www.ijrar.org/papers/IJRAR2001955
299	Performance Analysis of Concrete Properties due to the Influence of Recycled Aggregate Concrete	R Thirumalai	CE	Solid State Technology	2020	0038-111X	http://www.solidstatetechnology.us/index.php/JSST/article/view/1384
300	Fuzzy-based fault-tolerant and instant synchronization routing technique in wireless sensor network for rapid transit system	Karthick Raghunath K.M.	CS	Automatika	2019	51144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074965615&doi=10.1080%2f00051144.2019.1643963&partnerID=40&md5=d1a86f66cf57d474fdd1904662eb0cb
301	Structural, morphological and optical properties and solar cell applications of thioglycolic routed nano cobalt oxide material	Sivakumar K.	CY	Energy Reports	2019	23524847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062345860&doi=10.1016%2fj.egvr.2019.02.005&partnerID=40&md5=deaa1b64f070c6e3aa03e7b845d6639c
302	Enhanced secure sharing of PHR's in cloud using user usage based attribute based encryption and signature with keyword search	Florence M.L.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032475203&doi=10.1007%2fs10586-017-1276-7&partnerID=40&md5=429b738f80f41a1b663346fde35915de
303	Case Study on Aerodynamics Stability of Bixel Wing-In-Ground Effect Craft	Ahmad M.T	CH	IOP Conference Series: Materials Science and Engineering	2019	17578981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075256951&doi=10.1088%2f1757-899X%2f642%2f1%2f012001&partnerID=40&md5=c1eaa258205b607553d7af0f94f0de38
304	The effect of website quality factors on consumer delightfulness and purchase intentions: Substantiation from indian E-Tail visitors	Kumar K.R	BA	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074596994&doi=10.35940%2fijeat.A1370.109119&partnerID=40&md5=cd03689ac293ff2ae3300d7c360c391c
305	Reinforcing adhesive plastic-coated grins through FRP compounds	Saravanan A.K.	ME	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074567024&doi=10.35940%2fijeat.A1516.109119&partnerID=40&md5=1193d6af255e4e3eb8165c535803705a
306	Synthesis of Mesoporous Silicon with Uniform Pore Size Using the Ashes of Husks from Panicum Miliare Millet: A Novel Recyclable Bio-waste	Srinivasan V.	CY	Silicon	2019	1876990X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455738&doi=10.1007%2fs12633-015-9321-8&partnerID=40&md5=bc6a987f8b6871e3c9f86a21e6

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307	Modeling and simulation of solar PV energy conversion systems	Sumathi A.	EC	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075470856&doi=10.35940%2fjjeat.F1216.0986S319&partnerID=40&md5=16eec734f52e26a69f30d92ba123faf4
308	Automatic detection of tomato leaf deficiency and its result of disease occurrence through image processing	Mohanapriya S.	MA	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073387379&doi=10.35940%2fjijtee.K1539.0981119&partnerID=40&md5=60dac9de3bd7022d92de4275f28eb82b
309	An Improved video coding algorithm for deep learning-based video transmission using HEVC	Srinivasan A.	EC	Soft Computing	2019	14327643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066983338&doi=10.1007%2fs00500-019-04093-1&partnerID=40&md5=c60d4eb648b50de597a6995d988b37ea
310	Dynamic Clustering Mechanism to Avoid Congestion Control in Vehicular Ad Hoc Networks Based on Node Density	Menakadevi T.	EC	Wireless Personal Communications	2019	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065543829&doi=10.1007%2fs11277-019-06366-2&partnerID=40&md5=1f6e3c9695cf05f10888c1f05b43e963
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312	An area-efficient FFT processor for the OFDMA transceiver communication system	Sumathi S.	EC	Concurrency and Computation: Practice and Experience	2019	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057874066&doi=10.1002%2fcpe.4875&partnerID=40&md5=1ca5e59f4267cc60add22c8d49d97754
313	An area-efficient low-power SCM topology for high performance network-on Chip (NoC) architecture using an optimized routing design	Sumathi S.	EC	Concurrency and Computation: Practice and Experience	2019	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052659528&doi=10.1002%2fcpe.4760&partnerID=40&md5=a1189987d09dc460753b96aae6aa9c6b
314	Study on effectiveness of activated calcium oxide in pilot plant biodiesel production	Subramanian S.	CY	Journal of Cleaner Production	2019	9596526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064226377&doi=10.1016%2fj.jclepro.2019.03.244&partnerID=40&md5=15a8ac42b2efa1c4a6f9db9fcb96661e
315	Self tuning and control of plate heat exchanger via fuzzy-pid	Bagyalakshmi N.	EI	ARNP Journal of Engineering and Applied Sciences	2019	18196608	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091896529&partnerID=40&md5=17fef5811a1838973243b9d4fc316c8f
316	Improved catalytic performance of cobalt oxide for selective oxidation of benzyl alcohol	Sivakumar K	CY	SN Applied Sciences	2019	25233971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075921040&doi=10.1007%2fs42452-019-0549-6&partnerID=40&md5=e8446a9f265240bcd99b5c747fe87427
317	Securing Personal Health Record System in Cloud Using User Usage Based Encryption	Florence M.L.	CS	Journal of Medical Systems	2019	1485598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065499718&doi=10.1007%2fs10916-019-1301-x&partnerID=40&md5=99e72486f9fc897b436de5743a41ac60
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319	Futuristic speed prediction using auto-regression	Thangavelu M.	EC	International Journal of	2019	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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320	Privacy-preserving routing for wireless network using OPERA	Sivakumar V.	EC	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019	2019	9781538675953	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065563950&doi=10.1109%2ficcsp.2019.8697920&partnerID=40&md5=b923dbc05d79950ab96f0170b24ca34b
321	Preparation and Characterization of Nanocopper Ferrite and Its Green Catalytic Activity in Alcohol Oxidation Reaction	Sivakumar K.	CY	Journal of Superconductivity and Novel Magnetism	2019	15571939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048590730&doi=10.1007%2fs10948-018-4715-7&partnerID=40&md5=4dcd35c4015304f76045fc96294978df
322	Efficient and opportunistic routing in MANET using link lifetime prediction	Sivanantham S.	IT	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	9781538694398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074067110&doi=10.1109%2ficoei.2019.8862658&partnerID=40&md5=72881716254a2a3d7d2d2bffecca759
323	Urban Air Quality Analysis and Prediction Using Machine Learning	Fathima G.	CS	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2019	2019	9781728104188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084116835&doi=10.1109%2ficatiece45860.2019.9063845&partnerID=40&md5=f77b2918d8b3d0bf1443a87e25c69d1
324	Comparing the Performance of Adaptive Boosted Classifiers in Anomaly based Intrusion Detection System for Networks	Sivanantham S.	IT	Proceedings - International Conference on Vision Towards Emerging Trends in Communication and Networking, ViTECoN 2019	2019	9781538693537	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075836142&doi=10.1109%2fvitecon.2019.8899368&partnerID=40&md5=cb48b5e21912d22e38247588c01e0f36
325	Recommendation schemes for reliable trust based platoon services in VANET	Sivakumar V.	EC	Proceedings - International Conference on Vision Towards Emerging Trends in Communication and Networking, ViTECoN 2019	2019	9781538693537	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075832641&doi=10.1109%2fvitecon.2019.8899374&partnerID=40&md5=669c48165a9199c4587365459482e7a9
326	Design and analysis of a mesh-based adaptive wireless network-on chips architecture with irregular network routing	Poovendran R.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074801301&doi=10.1109%2ficscan.2019.8878783&partnerID=40&md5=d2788cd51f0ce95e8539fd7d2d0e3281
327	Design an energy-efficient wireless routers with Dbm noc architecture to minimize the communication latency	Poovendran R.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074784502&doi=10.1109%2ficscan.2019.8878701&partnerID=40&md5=c1f19403c39d00187456aaf0b82449ca
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329	Elegant way of designing printed circuit board via multilayer technique using ultiboard 12.0	David William Raj L.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074780167&doi=10.1109%2ficscan.2019.8878826&partnerID=40&md5=b368461b89f9efea06c7cd4de48247
330	Voice controlled door lock system using matlab	David William Raj	EC	2019 IEEE International	2019	9781728115252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-



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331	Smart city and security issues- IoT perspectives	Sursh Babu S	CE	Proceedings of the 3rd International Conference on Computing Methodologies and Communication, ICCMC 2019	2019	9781538678084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072760711&doi=10.1109%2FICCMC.2019.8819711&partnerID=40&md5=e71a5211d16772e922418ee81795acc
332	Implementation of high speed and area efficient MAC unit for industrial applications	Ramesh S.M.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045025374&doi=10.1007%2Fs10586-018-2060-z&partnerID=40&md5=710db08f43a0c45e1a6d8e7bf96b3078
333	Modelling on the removal of Cr(VI) ions from aquatic system using mixed biosorbent (Pseudomonas stutzeri and acid treated Banyan tree bark)	Manivasagan V	BT	Journal of Molecular Liquids	2019	1677322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057765534&doi=10.1016%2Fj.molliq.2018.12.004&partnerID=40&md5=0c924462aa149eec2b3ec3a585a8af6e
334	Work-family conflict and depression among women working professionals	Kumar K.R.	BA	Journal of Computational and Theoretical Nanoscience	2019	15461955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064281201&doi=10.1166%2Fjctn.2019.7802&partnerID=40&md5=60a388438ecb5c4a7fdeed7831edecd5
335	A Stochastic Inventory Model with Two Queues and a Flexible Server	Kingsly S.J.	MA	International Journal of Applied and Computational Mathematics	2019	23495103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061980569&doi=10.1007%2Fs40819-019-0605-3&partnerID=40&md5=22d0e94d2bf76e7485bfa9ff767b0be0
336	Trust based resource selection with optimization technique	Saravana Kumar E.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042911201&doi=10.1007%2Fs10586-018-2362-1&partnerID=40&md5=78c082030b970861411295c30ff14759
337	Dyadic product and crow lion algorithm based coefficient generation for privacy protection on cloud	Sumathi A.	EC	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041633375&doi=10.1007%2Fs10586-017-1589-6&partnerID=40&md5=5a8d805f928629bb24be059abc605b81
338	Software defect prediction techniques using metrics based on neural network classifier	Florence L.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041529359&doi=10.1007%2Fs10586-018-1730-1&partnerID=40&md5=46500e2e009a8fdb5f1b2d85a3947516
339	3D printing: Overview of ABS evolvement	Selvamani S.K.	CE	AIP Conference Proceedings	2019	0094243X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060500498&doi=10.1063%2F1.5085984&partnerID=40&md5=3cb3928353d9090b350eef32d719f8ce
340	Photocatalytic degradation of Congo red dye using Visible Light Active (VLA) carbon doped titanium dioxide nanocomposite and its kinetics	Vuppala V.	CH	Technologies for Sustainable Development - Proceedings of the 7th Nirma University International Conference on Engineering, NUICONE 2019	2019	9780367337377	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117911885&partnerID=40&md5=b17ce95eab5132e5c5b35e5cca1fe0c0
341	Performance evaluation of DSSC's fabricated employing TiO ₂ and TiO ₂ -ZnO nanocomposite as the photoanodes	Venkatesham V.	CH	Materials Today: Proceedings	2019	22147853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113821868&doi=10.1016%2Fj.matpr.2020.09.711&partnerID=40&md5=633df8b132c44bac9937c94d138647c1
342	Memory efficient high speed systolic array	Sumathi A.	EC	Informacije MIDEM	2019	3529045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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	architecture design with multiplexed distributed arithmetic for 2D DTCWT computation on FPGA [Spominsko učinkovita arhitektura sistoličnega polja visokih hitrosti za 2D DTCWT računanja na FPGA]						85085761252&doi=10.33180%2finfmidem2019.301&partnerID=40&md5=21829708e08132b2abc70c7085f0d85
343	Stability of a class of fractional integro-differential equation	Palaniappan M.	MA	Fixed Point Theory	2019	15835022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084342772&doi=10.24193%2fpt-ro.2019.2.39&partnerID=40&md5=25ac80a7716d3bc2aa8b100d21752b60
344	A customer-based supply chain network design	Anand T.	AE	International Journal of Enterprise Network Management	2019	17481252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074116119&doi=10.1504%2fIJENM.2019.103153&partnerID=40&md5=17e86bb5c5cb7938628c884ee5f5ddf
345	Experimental investigation of cryogenically treated HSS tool in turning on AISI1045 using fuzzy logic-Taguchi approach	Sakthivel M.	IT	Bulletin of the Polish Academy of Sciences: Technical Sciences	2019	2397528	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072185210&doi=10.24425%2fbpasts.2019.130178&partnerID=40&md5=7ff5d5bc778c58c77008a794c4ec4fe
346	Efficient moving vehicle detection for intelligent traffic surveillance system using optimal probabilistic neural network	Smitha J.A.	IT	International Journal of Business Intelligence and Data Mining	2019	17438187	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068368070&doi=10.1504%2fIJBIDM.2019.100466&partnerID=40&md5=f1d36deb63fe05b96cca8df81e1b6706
347	Improved Bayesian regularisation using neural networks based on feature selection for software defect prediction	Florence M.L.	CS	International Journal of Computer Applications in Technology	2019	9528091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068028459&doi=10.1504%2fIJCAT.2019.100297&partnerID=40&md5=5640c4b80afa2de54bc08d161753c837
348	Mechanical properties, degradation and flue gas analysis of basalt and glass fiber reinforced recycled polypropylene	Sakthivel M.	IT	Materialpruefung/Materials Testing	2019	255300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067116368&doi=10.3139%2f120.111358&partnerID=40&md5=082f01b491bb5623a7c2f83c313e634c
349	Influence of cryogenic reaming process parameters on Titanium alloy by using grey relational analysis	Hariprasad T.	ME	FME Transactions	2019	14512092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065393429&doi=10.5937%2ffmet1903634S&partnerID=40&md5=ff620b7373dc4cb7da4f8de102895f4b
350	Effects of CuO and Oxidant on the Morphology and Conducting Properties of PANI:CuO Hybrid Nanocomposites for Humidity Sensor Application	Jayamurugan P	PY	Polymer Science - Series B	2019	15600904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064906419&doi=10.1134%2fS1560090419010020&partnerID=40&md5=46deb7696da4b56a2660034c315b3146
351	Wear behavior of sansevieria cylindrica and E-glass reinforced polyester composites	Sakthivel M.	ME	Materialpruefung/Materials Testing	2019	255300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063228805&doi=10.3139%2f120.111310&partnerID=40&md5=eb46b6819c511d9e090ac3c79a8dc146
352	Stability of functional equations in Šerstnev probabilistic normed spaces	Arasu V.	MA	Journal of Computational Analysis and Applications	2019	15211398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045527628&partnerID=40&md5=e8d3a44baac691d873ec7882aef6080c
353	Study on effectiveness of activated calcium oxide in pilot plant biodiesel production	Manivasagan V	BT	Journal of Cleaner Production	2019	9596526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064226377&doi=10.1016%2fj.jclepro.2019.03.244&partnerID=40&md5=15a8ac42b2efa1c4a6f9db9fcb96661e
354	Phytoremediation of Cr(VI) ion contaminated soil using Black gram (Vigna mungo): Assessment of	Manivasagan V.	BT	Journal of Environmental Chemical Engineering	2019	22133437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064217903&doi=10.1016%2fj.jece.2019.103052&p

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	removal capacity						artnerID=40&md5=69d1331e351228955fce72c7b55f001a
355	Modelling on the removal of Cr(VI) ions from aquatic system using mixed biosorbent (Pseudomonas stutzeri and acid treated Banyan tree bark)	Manivasagan. V	BT	Journal of Molecular Liquids	2019	1677322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074965615&doi=10.1080%2f00051144.2019.1643963&partnerID=40&md5=d1a86f66cf57d474fdd1904662eb0cb
356	Fuzzy-based fault-tolerant and instant synchronization routing technique in wireless sensor network for rapid transit system	Karthick Raghunath K.M.	CS	Automatika	2019	51144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032475203&doi=10.1007%2fs10586-017-1276-7&partnerID=40&md5=429b738f80f41a1b663346fde35915de
357	Enhanced secure sharing of PHR's in cloud using user usage based attribute based encryption and signature with keyword search	Florence M.L.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065499718&doi=10.1007%2fs10916-019-1301-x&partnerID=40&md5=99e72486f9fc897b436de5743a41ae60
358	Securing Personal Health Record System in Cloud Using User Usage Based Encryption	Florence M.L.	CS	Journal of Medical Systems	2019	1485598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084116835&doi=10.1109%2fICATIECE45860.2019.9063845&partnerID=40&md5=f77b2918d8b3d0bf11443a87e25c69d1
359	Urban Air Quality Analysis and Prediction Using Machine Learning	Fathima G.	CS	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2019	2019	9781728104188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045025374&doi=10.1007%2fs10586-018-2060-z&partnerID=40&md5=710db08f43a0c45e1a6d8e7bf96b3078
360	Implementation of high speed and area efficient MAC unit for industrial applications	Ramesh S.M.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042911201&doi=10.1007%2fs10586-018-2362-1&partnerID=40&md5=78c082030b970861411295c30ff14759
361	Trust based resource selection with optimization technique	Saravana Kumar E.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041529359&doi=10.1007%2fs10586-018-1730-1&partnerID=40&md5=46500e2e009a8fdb5f1b2d85a3947516
362	Software defect prediction techniques using metrics based on neural network classifier	Florence L.	CS	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068028459&doi=10.1504%2fIJCAT.2019.100297&partnerID=40&md5=5640c4b80afa2de54bc08d161753c837
363	Improved Bayesian regularisation using neural networks based on feature selection for software defect prediction	Florence M.L.	CS	International Journal of Computer Applications in Technology	2019	9528091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075470856&doi=10.35940%2fijeat.F1216.0986S319&partnerID=40&md5=16eec734f52e26a69f30d92ba123faf4
364	Modeling and simulation of solar PV energy conversion systems	Sumathi A.	EC	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057874066&doi=10.1002%2fcpe.4875&partnerID=40&md5=1ca5e59f4267cc60add22c8d49d97754
365	An area-efficient FFT processor for the OFDMA transceiver communication system	Sumathi A.	EC	Concurrency and Computation: Practice and Experience	2019	15320626	



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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
366	An area-efficient low-power SCM topology for high performance network-on Chip (NoC) architecture using an optimized routing design	Sumathi A.	EC	Concurrency and Computation: Practice and Experience	2019	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052659528&doi=10.1002%2fcpe.4760&partnerID=40&md5=a1189987d09dc460753b96aae6aa9c6b
367	Dyadic product and crow lion algorithm based coefficient generation for privacy protection on cloud	Sumathi A.	EC	Cluster Computing	2019	13867857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041633375&doi=10.1007%2fs10586-017-1589-6&partnerID=40&md5=5a8d805f928629bb24be059abc605b81
368	Memory efficient high speed systolic array architecture design with multiplexed distributed arithmetic for 2D DTCWT computation on FPGA [Spominsko učinkovita arhitektura sistoličnega polja visokih hitrosti za 2D DTCWT računanja na FPGA]	Sumathi A.	EC	Informacije MIDEM	2019	3529045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085761252&doi=10.33180%2finfmidem2019.301&partnerID=40&md5=21829708e08132b2abc70cf7085f0d85
369	Dynamic Clustering Mechanism to Avoid Congestion Control in Vehicular Ad Hoc Networks Based on Node Density	Menakadevi T.	EC	Wireless Personal Communications	2019	9296212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065543829&doi=10.1007%2fs11277-019-06366-2&partnerID=40&md5=1f6e3c9695cf05f10888c1f05b43e963
370	Futuristic speed prediction using auto-regression and neural networks for mobile ad hoc networks	Menakadevi T.	EC	International Journal of Communication Systems	2019	10745351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063752858&doi=10.1002%2fdac.3951&partnerID=40&md5=39975de8fbcb5152feba0517668c10a1
371	An area-efficient low-power SCM topology for high performance network-on Chip (NoC) architecture using an optimized routing design	Poovendran R.	EC	Concurrency and Computation: Practice and Experience	2019	15320626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052659528&doi=10.1002%2fcpe.4760&partnerID=40&md5=a1189987d09dc460753b96aae6aa9c6b
372	Design and analysis of a mesh-based adaptive wireless network-on chips architecture with irregular network routing	Poovendran R.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074801301&doi=10.1109%2fICSCAN.2019.8878783&partnerID=40&md5=d2788cd51ff0ce95e8539fd7d2d0e3281
373	Design an energy-efficient wireless routers with Dbm noc architecture to minimize the communication latency	Poovendran R.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074784502&doi=10.1109%2fICSCAN.2019.8878701&partnerID=40&md5=c1f19403c39d00187456aaaf0b82449ca
374	Voice controlled door lock system using matlab and arduino	David William Raj L.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074748171&doi=10.1109%2fICSCAN.2019.8878708&partnerID=40&md5=290ea8683c0c2d16d0626d81be076f08
375	Elegant way of designing printed circuit board via multilayer technique using ultiboard 12.0	David William Raj L.	EC	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074780167&doi=10.1109%2fICSCAN.2019.8878826&partnerID=40&md5=b368461b89f9efea06c7cd4de48247
376	Smart sensing techniques for health monitoring of existing bridge	M Kathirvel	CE	International journal of engineering techniques	2019	2395-1303	http://www.ijetjournal.org/vol5issueno.2p2.html
377	Optimal capacitor placement in radial distribution systems using flower pollination algorithm	Tamilselvan V.	EE	Alexandria Engineering Journal	2018	11100168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056571925&doi=10.1016%2fj.ajej.2018.01.004&partnerID=40&md5=fcbbc8bec8a4be4f088d845b59766a30
378	Experimental investigation on heat transfer characteristics of an oblique finned microchannel	Vinoth R.	ME	Heat and Mass Transfer/Waerme- und	2018	9477411	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049074607&doi=10.1007%2fs00231-018-2398-



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	heat sink with different channel cross sections			Stoffuebertragung			z&partnerID=40&md5=5d504fbfd3c33a8009db30c863ed69c
379	Investigation of Microstructural and Mechanical Properties of Al 5083-ZrSiO4-Gr Hybrid Composite	Hariprasad T.	ME	International Journal of Nanoscience	2018	0219581X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029904713&doi=10.1142%2fS0219581X17600298&partnerID=40&md5=ad3eb77a76c376fb8d7295b7e98dc193
380	Routing analysis for broadcasting in mobile Ad hoc network's through Ad hoc on-demand distance vector	Venu S.	ME	Journal of Computational and Theoretical Nanoscience	2018	15461955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048037427&doi=10.1166%2fjctn.2018.7285&partnerID=40&md5=a1a9b6922504d6afa91027e6df2d75bf
381	Ontology and NLP support for building disaster knowledge base	Abburu S.,	CA	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018	9781509050130	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047146733&doi=10.1109%2fCESYS.2017.8321236&partnerID=40&md5=a612de972b5dd2d264dc29a664ef5daa
382	Stability of a class of fractional integro-differential equation with nonlocal initial conditions	Muniyappan P	PY	Acta Mathematica Universitatis Comenianae	2018	8629544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044571866&partnerID=40&md5=fccebf90e2a4bf76bc7303c9118bb60
383	Reuse of waste printed circuit board in powder form as filler in natural rubber composite and its evaluation of mechanical properties	Shylin S., Jose H.	ME	Ecology, Environment and Conservation	2018	0971765X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043980011&partnerID=40&md5=305238d54431815771f3d324bd730b47
384	Effect of eco-friendly micro Basalt fiber filler loading on mechanical properties of hybrid polymer composites	Mohanraj D.	ME	Ecology, Environment and Conservation	2018	0971765X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043974339&partnerID=40&md5=2d3cb5134c234d830b1f79456b9a2e15
385	Heat transfer and pressure drop correlations of rectangular perforated fin surface of a compact heat exchanger	Ranganath G.	ME	International Conference on Computational Methods for Thermal Problems	2018	23055995	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061117303&partnerID=40&md5=20a0b24aacf0434ca73d08078b878273
386	Enhancement of overall effectiveness of equipment of bainite hardening furnace by using total productive maintenance	Ranganath G.	ME	Journal of the Balkan Tribological Association	2018	13104772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060638137&partnerID=40&md5=8fa710dc99258ccf5789b09ff1623686
387	Mechanical and wear behaviour of Al hybrid composites reinforced with zircon sand and rice husk ash	Hariprasad T.	ME	Journal of the Balkan Tribological Association	2018	13104772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060627499&partnerID=40&md5=18c6e5ba3bf2bc2f901c7102cedb5657
388	Satellite parametric description to ontology concepts and semantic classification of satellite data	Abburu S.	CA	Environmental Information Systems: Concepts, Methodologies, Tools, and Applications	2018	9781522570349; 9781522570332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059718160&doi=10.4018%2f978-1-5225-7033-2.ch054&partnerID=40&md5=af0da1ba60786a93908d4c79818d8cdd
389	Drying of mint leaves in forced convection solar dryer	Kumar K.S.	BA	Thermal Science	2018	3549836	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057131344&doi=10.2298%2fTSC1171230303S&partnerID=40&md5=937fad722d77bcc3a0c9d93ff863e3a
390	Acoustical properties of molecular interactions in 1-propanol, 1-butanol and 1-pentanol with tetrahydrofuran in cyclohexanone at various temperatures	Ubagaramary D.,	CY	Biomedical Research (India)	2018	0970938X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055640801&doi=10.4066%2fbiomedicalresearch.29-18-784&partnerID=40&md5=8a5756f94b9903403b2bbc149ee2c41a
391	Enhanced secure sharing of PHRs in cloud using attribute-based encryption and signature with keyword search	Lilly Florence	CS	Advances in Intelligent Systems and Computing	2018	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045155019&doi=10.1007%2f978-981-10-7200-0_34&partnerID=40&md5=ea4e5ec0e527f2080bd8f16

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392	Retinal disease diagnosis by morphological feature extraction and SVM classification of retinal blood vessels	Vijayakumari V.	BM	Biomedical Research (India)	2018	0970938X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044217264&partnerID=40&md5=179ffe3b4c0528a4a98302c9a59260b3
393	Biclustering of gene expression data using biclustering iterative signature algorithm and biclustering coherent column	Saravana Kumar E	CS	International Journal of Biomedical Engineering and Technology	2018	17526418	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042919588&doi=10.1504%2fIJJET.2018.089968&partnerID=40&md5=bf535db63ec1f6f559c0053843939675
394	Enhanced secure sharing of PHRs in cloud using attribute-based encryption and signature with keyword search	Lilly Florence	CS	Advances in Intelligent Systems and Computing	2018	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045155019&doi=10.1007%2f978-981-10-7200-0_34&partnerID=40&md5=ea4e5ec0e527f2080bd8f16ca668ee97
395	Biclustering of gene expression data using biclustering iterative signature algorithm and biclustering coherent column	Saravana Kumar E	CS	International Journal of Biomedical Engineering and Technology	2018	17526418	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042919588&doi=10.1504%2fIJJET.2018.089968&partnerID=40&md5=bf535db63ec1f6f559c0053843939675
396	An Area-Efficient FPGA Implementation of Network-on-chip(NoC) Router Architecture for Optimized Multicore-SoC Communication	Sumathi A.	EC	American Scientific Publishers	2018	1546-198X	https://www.ingentaconnect.com/content/asp/senlet/2018/00000016/00000007/art00009;jsessionid=28tmr8h0Ube.x-ic-live-01
397	An Low_power Area-Efficient Routing Analysis and Optimization for a Fat Tree-Based Optical Network-on-Chip (ONoC) Architectures	Sumathi A.	EC	American Scientific Publishers	2018	1936-6612	https://www.ingentaconnect.com/content/asp/senlet/2018/00000016/00000011/art00008
398	An area-efficient FFT processor for the OFDMA transceiver communication system	Sumathi A.	EC	Concurrency And Computation-Practice & Experience	2018	1532-0626	https://www.researchgate.net/publication/329313254_An_area-efficient FFT processor for the OFDMA transceiver communication system
399	An Area-Efficient FPGA Implementation of Network-on-chip(NoC) Router Architecture for Optimized Multicore-SoC Communication	Poovendran.R	EC	American Scientific Publishers	2018	1936-6612	https://www.ingentaconnect.com/content/asp/senlet/2018/00000016/00000007/art00009;jsessionid=28tmr8h0Ube.x-ic-live-01
400	An Low_power Area-Efficient Routing Analysis and Optimization for a Fat Tree-Based Optical Network-on-Chip (ONoC) Architectures	Poovendran.R	EC	American Scientific Publishers	2018	1936-6612	https://www.ingentaconnect.com/content/asp/senlet/2018/00000016/00000011/art00008
401	Flexural Response Of Hybrid FRC Beams	M Kathirvel	CE	International Journal of Technical Innovation in Modern Engineering & Science	2018	2455-2585	https://ijtimes.com/IJTIMES/index.php/ijtimes/article/view/1931
402	Analytical and Experimental Behavior of cold formed Steel sigma and z section purlin connections	M Kathirvel	CE	International Journal of Technical Innovation in Modern Engineering & Science, Vol. 4, Issue 3	2018	2455-2585	https://ijtimes.com/IJTIMES/index.php/ijtimes/article/view/1963
403	Interior Design of St Peters Medical College Hospital Building, Hosur, Tamilnadu using Revit17	Satheesh V. S	CE	International Journal of Advance Engineering and Research Development (IJAERD)	2018	2321-9653	https://www.ijraset.com/files/serve.php?FID=15314
404	Flexural Behaviour of Composite beams under three point loading	Satheesh V. S	CE	International Journal of Engineering Development and Research (IJEDR)	2018	2321-9939	https://www.ijedr.org/papers/IJEDR1801113.pdf
405	Flexural behavior of SIFCON beams under three point loading	Satheesh V. S	CE	International Journal of Scientific Development and	2018	2455-2631	https://www.ijedr.org/papers/IJSDR1803016.pdf

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal Research (IJS DR)	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
406	Analysis and Design of Cooling Tower by using Staad Pro	Satheesh V. S	CE	International Journal of Creative Research Thoughts	2018	2320-2882	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwiyhIDvq6j8AhWtJDOIHWfKB6oQFnoECA0QAQ&url=https%3A%2F%2Fijcrt.org%2Fdownload.php%3Ffile%3DIJCRT1802526.pdf&usq=AOvVaw2i6yLHp6Mnbpv0tdPkWE3
407	Influence of Fluctuations in Volumetric Dosages of Composite Materials on Torsional Rigidity	Satheesh V. S	CE	Journal of Emerging Technologies and Innovative Research	2018	2349-5162	https://www.jetir.org/papers/JETIR1803119
408	Experimental And Analytical Analysis Of Flexural Behaviour Of Self Compacting Concrete With GGBS	Satheesh V. S	CE	International Journal of Advance Engineering and Research Development	2018	2348-4470	https://www.ijaerd.com/index.php/IJAERD/article/view/2804/2647
409	Biclustering on gene expression data	Shruthi M.P.	BT	2017 International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies, ICAMMAET 2017	2017	9781509033782	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045855600&doi=10.1109%2FicAMMAET.2017.8186750&partnerID=40&md5=32584b6a4df9e486882cd412cb5fc13b
410	Structural, optical, electrical and electrochemical properties of Fe:Co3O4 thin films for supercapacitor applications	Mariappan R.	PY	Journal of Materials Science: Materials in Electronics	2017	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029434215&doi=10.1007%2Fs10854-017-7849-7&partnerID=40&md5=398b4583e1c5bc3ccf877d1f322a5b9e
411	Investigation of Annealing Temperature on Structural and Morphological Properties of Cr2O3 Nanoparticles for Humidity Sensor Application	Mariappan R.	PY	Sensing and Imaging	2017	15572064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021170415&doi=10.1007%2Fs11220-017-0170-y&partnerID=40&md5=817d79951f266d352c9b5abafe81bbe
412	Anomaly based intrusion detection for 802.11 networks with optimal features using SVM classifier	Kavitha P.	IT	Wireless Networks	2017	10220038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969850606&doi=10.1007%2Fs11276-016-1300-5&partnerID=40&md5=e228ff8e3f9f1ce14f1a8f2844b132b4
413	Fuzzy based intrusion detection for cluster based battlefield MANET	Sakthivel S.	IT	2017 IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials, ICSTM 2017 - Proceedings	2017	9781509059058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040232528&doi=10.1109%2FicSTM.2017.8089121&partnerID=40&md5=2b981be6d090e7603d82252bf66a6235
414	Timing error performance analysis for low power DSP filters	Krishnammal V.P	EI	Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017	2017	9781509032433	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034601685&doi=10.1109%2FISMAC.2017.8058292&partnerID=40&md5=85c07f1007ae360ffc258338f984497
415	Channel cross section effect on heat transfer performance of oblique finned microchannel heat sink	Vinoth R.	ME	International Communications in Heat and Mass Transfer	2017	7351933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028005289&doi=10.1016%2Fj.icheatmasstransfer.2017.03.016&partnerID=40&md5=b67b2efa2c0a151cbc1d301068895b01
416	Effects of deep cryo treatment of high speed steel on the turning process of a medium carbon steel	Raja P	ME	Materialpruefung/Materials Testing	2017	255300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033805066&doi=10.3139%2F120.111069&partnerID=40&md5=12e9624285a1db44f61e46f50c6a62ec
417	Model predicting sediment transport: Acoustic	Sakthivel	BM	Sea Technology	2017	933651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	analysis AIDS research on India's national treasures	Murugan S.					85026670704&partnerID=40&md5=8fbf68cc08da3f5a859fc1c1f9291e4c
418	A Framework for Automated Content Based Medical Image Queries in Grid	Saravana Kumar E.	CS	Intelligent Automation and Soft Computing	2017	10798587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988946127&doi=10.1080%2f10798587.2016.1231474&partnerID=40&md5=68955bbc57dfebef4286b9ce97f105b8
419	Ontology Concept-Based Management and Semantic Retrieval of Satellite Data	Abburu S.	CS	Journal of Intelligent Systems	2017	3341860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016723355&doi=10.1515%2fjisy-2015-0082&partnerID=40&md5=0b4143e32e57a6b615f0e03a1205d0bd
420	Spiral phase-change material for enhancing natural circulation solar water heater: An experimental study	Murali G	ME	Experimental Heat Transfer	2017	8916152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994910576&doi=10.1080%2f08916152.2016.1233144&partnerID=40&md5=d4b5252d0739eb88458ae4d5ad11abcf
421	Structural, morphological, optical and gas sensing properties of pure and Ce doped SnO ₂ thin films prepared by jet nebulizer spray pyrolysis (JNSP) technique	Mariappan R.	CY	Journal of Materials Science: Materials in Electronics	2017	9574522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995772469&doi=10.1007%2fs10854-016-6094-9&partnerID=40&md5=2d25b132f8149f4e2d63996b52cd2153
422	Automated traffic light control system and stolen vehicle detection	Sivakumar R.	EC	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	9781509007745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015093552&doi=10.1109%2fRTEICT.2016.7808101&partnerID=40&md5=56596787763d782fe820bf23e3aed555
423	Efficient file sharing system using XMPP (Let's Share)	Sivakumar V.	EC	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	9781509007745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015052525&doi=10.1109%2fRTEICT.2016.7808100&partnerID=40&md5=6f104565386d1b8bdc4c5abedce0cf9e
424	Photodetection Properties of ZnO/Si Heterojunction Diode: A Simulation Study	Sumathi A.	CS	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	2017	2564602	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026849365&doi=10.1080%2f02564602.2016.1145558&partnerID=40&md5=bba6e8006b5eb2884a211b1fbdcdb6e3
425	Soxhlet extraction of Spirogyra sp. algae: an alternative fuel	Konga A.K.	CH	Biofuels	2017	17597269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978052615&doi=10.1080%2f17597269.2016.1196328&partnerID=40&md5=72d6ae0afa64ae858ff60bcde1b119c3
426	Effect of citric acid on low temperature synthesis of aluminium borate whiskers with Al ₈ B ₄ O ₁₈ phase	Selvakumar K.V.	CH	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048954279&partnerID=40&md5=876e150005e6f101948ed914b99e73fd
427	Synthesis of Naphthalene based Quinoxaline derivatives using surfactant and their biological applications as drugs	Srinivasan V.	CY	Oriental Journal of Chemistry	2017	0970020X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031918792&doi=10.13005%2fjoic%2f330430&partnerID=40&md5=53a3bd96483132c3ef8ef549a7dee016
428	GIS based interoperable platform for disaster data exchange using OGC standards and spatial query	Abburu S.	CA	International Journal of Web Portals	2017	19380194	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028728821&doi=10.4018%2fIJWP.2017010103&partnerID=40&md5=7d33fd33510388be2a664fb649e68db8
429	Influence of fungal delignification enzymes in	Priya V.,	CE	Asian Journal of Microbiology,	2017	9723005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

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S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
	treated coir pith for pollution management			Biotechnology and Environmental Sciences			85025433263&partnerID=40&md5=d99af25f4d50ef83484944e58d7bc953
430	Isolation and growth optimisation of fresh water microalgae Asterarays quadricellulare	Karthikeyan S.	BT	International Journal of Materials and Product Technology	2017	2681900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023761668&doi=10.1504%2fIJMPT.2017.084971&partnerID=40&md5=bf82ede3fb86eb2b202bb524edc098b6
431	Biodegradation of Formaldehyde using Bacillus subtilis in batch process	Ezhilkumar P.	BT	International Journal of Materials and Product Technology	2017	2681900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023752792&doi=10.1504%2fIJMPT.2017.084963&partnerID=40&md5=2390c42074e5628ec18a725beec3de57
432	Optimal control topology-based efficiency improvement of single-stage three level resonant AC/DC converters	Perumal B.	EE	International Journal of Automation and Control	2017	17407516	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022333640&doi=10.1504%2fIJAAAC.2017.084872&partnerID=40&md5=e7661674841f7b803b908e44da02529
433	Reduction of Electrical conductivity in coir pith and analysis of coir pith leachate obtained-using organic, chemical and biological treatment	Priya V.	CE	Pollution Research	2017	2578050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021969209&partnerID=40&md5=764a2e333a12896b58cc4d949e1a3132
434	Grey-fuzzy logic to optimise process parameters in drilling of glass fibre reinforced stainless steel mesh polymer composite	Sakthivel M.	IT	Pigment and Resin Technology	2017	3699420	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020848423&doi=10.1108%2fPRT-10-2015-0099&partnerID=40&md5=e58218b793f6c7c7f8c96aacdad800c
435	Influence of stainless-steel wire mesh on the mechanical behaviour in a glass-fibre-reinforced epoxy composite	Sakthivel M.	IT	Materiali in Tehnologije	2017	15802949	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020709777&doi=10.17222%2fmit.2016.063&partnerID=40&md5=289a448f96952908cabb0831dd36f573
436	Stability of fractional differential equation with boundary conditions	Muniyappan P.	ME	Journal of Computational Analysis and Applications	2017	15211398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014604764&partnerID=40&md5=3a744284598683cc0eb09eced16af787
437	Green synthesis, characterization and anxiolytic, sedative and hypnotic activity of pyrimidine based diazepine derivatives	Srinivasan V.	CY	Biomedical Research (India)	2017	0970938X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012028851&partnerID=40&md5=0440f9f36556a9ead99c31b1edb4ac
438	Brain tumour detection using discrete wavelet transform based medical image fusion	Udhaya Suriya T.S.	BM	Biomedical Research (India)	2017	0970938X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012025539&partnerID=40&md5=ca8f569bfcd16b255c12874ffd3b195e
439	An automated irrigation system based on a low-cost microcontroller for tomato production in South India	Mohandas P.	BT	Studies in Computational Intelligence	2017	1860949X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010465121&doi=10.1007%2f978-3-319-47715-2_3&partnerID=40&md5=a132725eadabe81e822118be481dfc53
440	Poly (AMPS-co-IA) hydrogels playing dual role: Acidity regulator and adsorbent for Cr(VI) adsorption	Srinivasan S.	CY	Biomedical Research (India)	2017	0970938X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010000316&partnerID=40&md5=e228a971543f4ce98eedf45456c2817b
441	Coronary heart disease detection from variation of speech and voice	Mishra S.	BM	Advances in Intelligent Systems and Computing	2017	21945357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994143319&doi=10.1007%2f978-981-10-1645-5_49&partnerID=40&md5=d511dc4da63c0058cf35121fe0d00b3b
442	A study on performance of 3D RC frames with masonry in-fill under dynamic loading conditions	Suresh Babu S.	CE	KSCE Journal of Civil Engineering	2017	12267988	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964247777&doi=10.1007%2fs12205-016-0537-y&partnerID=40&md5=18e978aa55a0344e1202b06a8

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443	Isolation and growth optimisation of fresh water microalgae <i>Asterarcys quadricellulare</i>	Karthikeyan S.	BT	International Journal of Materials and Product Technology	2017	2681900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023761668&doi=10.1504%2fIJMPT.2017.084971&partnerID=40&md5=bf82ede3fb86eb2b202bb524edc098b6
444	A Framework for Automated Content Based Medical Image Queries in Grid	Saravana Kumar E.	CS	Intelligent Automation and Soft Computing	2017	10798587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988946127&doi=10.1080%2f10798587.2016.1231474&partnerID=40&md5=68955bbc57dfebef4286b9ce97f105b8
445	Photodetection Properties of ZnO/Si Heterojunction Diode: A Simulation Study	Sumathi A.	EC	IETE Technical Review	2017	09745971	https://www.researchgate.net/publication/291336214_Photodetection_Properties_of_ZnOSi_Heterojunction_Diode_A_Simulation_Study
446	Cause Analyses of River Water Quality Deterioration a Case Study of South Pennar River in Krishnagiri Dist. Tamilnadu	M Kathirvel	CE	International Journal of Engineering Research & Technology	2017	2278-0181	https://www.ijert.org/cause-analyses-of-river-water-quality-deterioration-a-case-study-of-south-pennar-river-in-krishnagiri-dist-tamilnadu
447	A review on stabilization of expansive soil using industrial solid wastes	R Thirumalai	CE	Scientific Research Publishing	2017	1008-1017	https://www.scirp.org/journal/paperinformation.aspx?paperid=81335
448	Stabilization of black cotton soil using granite waste and quarry dust	R Thirumalai	CE	International Research Journal of Engineering and Technology	2017	2395-0056	https://www.irjet.net/archives/V4/i8/TRJET-V4I839.pdf