



# ADHIYAMAAN COLLEGE OF ENGINEERING

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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.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
1	Mariappan R	PY	Synthesis chemical methods for deposition of ZnO, CdO and CdZnO thin films to facilitate further research	Journal of Alloys and Compounds	2022	9258388
2	Sivakumar K.	CY	Silica nanoparticles derived from Arundo donax L. ash composite with Titanium dioxide nanoparticles as an efficient nanocomposite for photocatalytic degradation dye	Chemosphere	2022	456535
3	Regin R	CS	Analysis of positive correlation in magnitude and time measurement for earthquake using electric signals	Earth Science Informatics	2022	18650473
4	Kavitha S.	BT	Optimization of binary acids pretreatment of corncob biomass for enhanced recovery of cellulose to produce bioethanol	Fuel	2022	162361
5	Thangavelu M.	EC	An enhanced hybrid ant colony optimization routing protocol for vehicular ad-hoc networks	Journal of Ambient Intelligence and Humanized Computing	2022	18685137
6	Thangavelu M.	EC	An enhanced distance and residual energy-based congestion aware ant colony optimization routing for vehicular ad hoc networks	International Journal of Communication Systems	2022	10745351
7	Kumar K R	BA	Monitoring and analysis of the recovery rate of Covid-19 positive cases to prevent dangerous stage using IoT and sensors	International Journal of Pervasive Computing and Communications	2022	17427371
8	Deepa S.	MA	Fractional Fourier Transform to Stability Analysis of Fractional Differential Equations with Prabhakar Derivatives	Azerbaijan Journal of Mathematics	2022	22186816
9	Rajan R.	CS	Fetal health classification from cardio tocographic data using machine learning	Expert Systems	2022	2664720
10	Jayaprakash R.N.	PY	Investigation on Tetracycline degradation and bactericidal properties of binary and ternary ZnO/NiO/g-C <sub>3</sub> N <sub>4</sub> composites prepared by a facile co-precipitation method	Journal of Environmental Chemical Engineering	2022	22133437
11	Muthu B.A.	CS	Smart assistance to dyslexia students using artificial intelligence based augmentative alternative communication	International Journal of Speech Technology	2022	13812416
12	Sivaparthipan C.B.	CS	Human-computer interaction based visual feedback system for augmentative and alternative communication	International Journal of Speech Technology	2022	13812416
13	Thangavelu M.	EC	An Enhanced Bio-Inspired Routing Algorithm for Vehicular Ad Hoc Networks	Trends in Sciences	2022	27740226
14	Sivaparthipan C.B.	CS	Interactive teaching using human-machine interaction for higher education systems	Computers and Electrical Engineering	2022	457906
15	Das M.	CH	Investigative calorimetric studies and kinetic parameters estimation using analytical methods for self-reactive hazardous chemicals in a chemical manufacturing plant	Journal of Loss Prevention in the Process Industries	2022	9504230
16	Muthu B.	CS	Human machine interaction-assisted smart educational system for rural children	Computers and Electrical Engineering	2022	457906
17	Manikandan M.	CS	Adaptive neuro fuzzy inference system to enhance the classification	Computational Intelligence	2022	8247935

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
			performance in smart irrigation system			
18	Vivekanandhan V.	CS	Design of efficient location-based multipath self-adaptive balancer router using particle swarm optimization in wireless sensor network	International Journal of Communication Systems	2022	10745351
19	Kumar K.R.	BA	An Evaluation of E-Learning and User Satisfaction	International Journal of Web-Based Learning and Teaching Technologies	2022	15481093
20	Manivasagan V.	BT	An insight - A statistical investigation of consolidated bioprocessing of Allium ascalonicum leaves to ethanol using Hangateiclostridium thermocellum KSMK1203 and synthetic consortium	Renewable Energy	2022	9601481
21	Thangavelu M.	EC	Mobility speed prediction using ARIMA and RNN for random walk mobility model in mobile ad hoc networks	Concurrency and Computation: Practice and Experience	2022	15320626
22	Sivaparthipan C.B.	CS	Fuzzy-based intelligent crop prediction over climate fluctuation using IoT	Cloud IoT Systems for Smart Agricultural Engineering	2022	9781003185413; 9781032028279
23	Veeramani G.	CH	Musa acuminata nanoemulgel: Formulation, in vitro kinetics and antimicrobial studies	Bioinspired, Biomimetic and Nanobiomaterials	2022	9781665494991
24	Sivaparthipan C.B.	CS	IoT based smart and intelligent smart city energy optimization	Sustainable Energy Technologies and Assessments	2022	9781665478847
25	Fathima G.	CS	Analysis Of Machine Learning Algorithm for Prognostication of Parkinson's Disease Using Speech Articulation	2022 3rd International Conference for Emerging Technology, INCET 2022	2022	9781665494991
26	Rajivkumar S.	AR	Identifying the Character-Defining Elements in the Traditional Houses of Chettinadu Region, Tamil Nadu, India	Advances in Science, Technology and Innovation	2022	9781665484251
27	Sivakumar K.	CY	Facile NMI-MsCl mediated synthesis of novel pyrazole derivatives bearing heteroaryl amides as potent antimicrobial agents	Arkivoc	2022	9781665480352
28	Muniraj A.	EC	An enhanced Gray Wolf Optimization for cluster head selection in wireless sensor networks	International Journal of Communication Systems	2022	9781665400527
29	Sumathi A.	EC	Efficient routing and performance amelioration using Hybrid Diffusion Clustering Scheme in heterogeneous wireless sensor network	International Journal of Communication Systems	2022	9781665400527
30	Fathima G.	CS	Blockchain Assisted Disease Identification of COVID-19 Patients with the Help of IDA-DNN Classifier	Wireless Personal Communications	2022	9781665400527
31	Sivanantham S.	IT	Detecting Credit Card Fraud Using Majority Voting-Based Machine Learning Approach	Smart Innovation, Systems and Technologies	2022	9781728170299
32	Sakthidevi I.	IT	Secured Energy Proficient and Clustering Methodology for Wireless Sensor Networks	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	2022	9781665478847
33	Sumathi A.	EC	HOFT-MP: A Multipath Routing Algorithm Using Hybrid Optimal Fault Tolerant System for WSNs Using Optimization Techniques	Neural Processing Letters	2022	9781665405201
34	Thangavelu M.	EC	Ocean knowledge representation through integration of big data employing semantic web technologies	Earth Science Informatics	2022	9781665429214
35	Thangavelu M.	EC	Information retrieval through a knowledge base system: Semantic web based approach in South-Eastern Coastal areas of India	Songklanakarin Journal of Science and Technology	2022	9781665429214
36	Lilly Florence M.	CS	A Similarity Measure for Classification of Text Extracted from Image	Proceedings - 6th International Conference on	2022	9781665410281

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
			using Machine Learning	Computing Methodologies and Communication, ICCMC 2022		
37	Regin R.	CS	Using Wireless Sensor Networks to Improve Coastguard Productivity Improvements in Transmissions with Cognition	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	2022	9781665484251
38	Swamydoss D.	CA	Estimation and Prediction of Crop Yielding Rate Using Machine Learning Techniques	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	2022	9781665480352
39	Sivaparthipan C.B.	CS	Online shopping behavior analysis for smart business using big data analytics and blockchain security	International Journal of Modeling, Simulation, and Scientific Computing	2022	9781799831136; 9781799831112
40	Rajan R.	CS	IoT enabled Primary Skin Cancer Prediction Using Pigmented Lesions	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527
41	Swamydoss D.	CA	Agriculture Crop Selection and Yield Prediction using Machine Learning Algorithms	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527
42	Regin R.	CS	Reliability Model for Joint Production and Preventive Maintenance System based on IoT	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527
43	Rohan J.	CH	Preparation and characterization of hydroxyapatite from portunus sanguinolentus crab shell	Journal of Ceramic Processing Research	2022	9781665426428
44	Fathima G.	CS	Context-Aware Augmented Reality Using Human-Computer Interaction Models	Journal of Control and Decision	2022	9781665426428
45	Ghouse F.	CS	Dysgraphia Classification based on the Non-Discrimination Regularization in Rotational Region Convolutional Neural Network	International Journal of Intelligent Engineering and Systems	2022	9780323901789; 9780323901796
46	Deepa S.	MA	Mahgoub transform and hyers-ulam stability of nth order linear differential equations	AIMS Mathematics	2022	9780323901789; 9780323901796
47	Sureshbabu S.	CE	Investigation on Micromechanical Behavior of High-Performance Fiber Concrete	Lecture Notes in Civil Engineering	2022	9781665433686
48	Deepa S.	MA	Hyers-ulam-mittag-leffler stability of fractional differential equations with two caputo derivative using fractional fourier transform	AIMS Mathematics	2022	9781665433686
49	Manivasagan V.	BT	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]	Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	2022	9781665433686
50	Thangavelu M.	EC	Ontology based ocean knowledge representation for semantic information retrieval	Computers, Materials and Continua	2022	9781665433686
51	Mariappan R.	PY	Recent development of low cost nebulizer sprayed Cd1-xZnxO nanoparticles	Solid State Communications	2022	9781665433686
52	Muthu B.	CS	Social media data analytics for business decision making system to competitive analysis	Information Processing and Management	2022	9781665433686
53	Regin R.	IT	Smart HR Competencies and Their Applications in Industry 4.0	Intelligent Systems Reference Library	2022	9781665433686
54	Manivasagan. V	BT	An Insight Silver Nanoparticles synthesis and characterization from Leucas aspera for antiuro lithic activity	Positif Journal	2022	0048-4911
55	Manivasagan. V	BT	In Vitro Studies on Phytochemical Screening, Antioxidant, Anti-Inflammatory and Anticancer Properties of <i>Morinda tinctoria</i> Roxb,	Positif Journal	2022	0048-4912

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
56	Manivasagan. V	BT	A critical review on pyrolysis method as sustainable conversion of waste plastics into fuels	Fuel	2022	162361
57	Kavitha. S	BT	Optimization of binary acids pretreatment of corncob biomass for enhanced recovery of cellulose to produce bioethanol	Fuel	2022	162361
58	Saranya. K	BT	An insight - A statistical investigation of consolidated bioprocessing of Allium ascalonicum leaves to ethanol using Hangateiclostridium thermocellum KSMK1203 and synthetic consortium	Renewable Energy	2022	9601481
59	Manivasagan. V	BT	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]	Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	2022	0717-7917
60	Fathima G.	CS	Dysgraphia Classification Based On The Non-Discrimination Regularization In Rotational Region Convolutional Neural Network	International Journal of Intelligent Engineering and Systems	2022	21853118
61	Regin R	CS	Analysis of positive correlation in magnitude and time measurement for earthquake using electric signals	Earth Science Informatics	2022	18650473
62	Rajan R.	CS	Fetal health classification from cardiocotographic data using machine learning	Expert Systems	2022	2664720
63	Muthu B.A.	CS	Smart assistance to dyslexia students using artificial intelligence based augmentative alternative communication	International Journal of Speech Technology	2022	13812416
64	Sivaparthipan C.B.	CS	Human-computer interaction based visual feedback system for augmentative and alternative communication	International Journal of Speech Technology	2022	13812416
65	Sivaparthipan C.B.	CS	Interactive teaching using human-machine interaction for higher education systems	Computers and Electrical Engineering	2022	457906
66	Muthu B.	CS	Human machine interaction-assisted smart educational system for rural children	Computers and Electrical Engineering	2022	457906
67	Vivekanandhan V.	CS	Adaptive neuro fuzzy inference system to enhance the classification performance in smart irrigation system	Computational Intelligence	2022	8247935
68	Manikandan M.	CS	Design of efficient location-based multipath self-adaptive balancer router using particle swarm optimization in wireless sensor network	International Journal of Communication Systems	2022	10745351
69	Sivaparthipan C.B.	CS	Fuzzy-based intelligent crop prediction over climate fluctuation using IoT	Cloud IoT Systems for Smart Agricultural Engineering	2022	9781003185413; 9781032028279
70	Sivaparthipan C.B.	CS	IoT based smart and intelligent smart city energy optimization	Sustainable Energy Technologies and Assessments	2022	9781665478847
71	Fathima G.	CS	AI Based Self-Learning Intelligent Information Leak Protection System For Insurance Companies	International journal of All Research Educational and Scientific Methods(IJARESME)	2022	24556211
72	Fathima G.	CS	Automating The Technical Interview Using Semantic Similarity Matching,Speech Recognition And BERT	International Journal of Advanced Research in computer and communication Engineering	2022	22781021
73	Fathima G.	CS	Single Exposure High Dynamic Range Image Reconstruction Based On DWT Algorithm	International Journal of Advanced Research in computer and communication Engineering	2022	22781021
74	Fathima G.	CS	Analysis Of Machine Learning Algorithm for Prognostication of Parkinson's Disease Using Speech Articulation	2022 3rd International Conference for Emerging Technology, INCET 2022	2022	9781665494991
75	Fathima G.	CS	Blockchain Assisted Disease Identification of COVID-19 Patients	Wireless Personal Communications	2022	9781665400527

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			with the Help of IDA-DNN Classifier			
76	Lilly Florence M.	CS	A Similarity Measure for Classification of Text Extracted from Image using Machine Learning	Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022	2022	9781665410281
77	Regin R.	CS	Using Wireless Sensor Networks to Improve Coastguard Productivity Improvements in Transmissions with Cognition	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	2022	9781665484251
78	Sivaparthipan C.B.	CS	Online shopping behavior analysis for smart business using big data analytics and blockchain security	International Journal of Modeling, Simulation, and Scientific Computing	2022	9781799831136; 9781799831112
79	Rajan R.	CS	IoT enabled Primary Skin Cancer Prediction Using Pigmented Lesions	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527
80	Regin R.	CS	Reliability Model for Joint Production and Preventive Maintenance System based on IoT	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	9781665400527
81	Fathima G.	CS	Context-Aware Augmented Reality Using Human-Computer Interaction Models	Journal of Control and Decision	2022	9781665426428
82	Muthu B.	CS	Social media data analytics for business decision making system to competitive analysis	Information Processing and Management	2022	9781665433686
83	Sumathi A.	EC	Efficient routing and performance amelioration using Hybrid Diffusion Clustering Scheme in heterogeneous wireless sensor network	International Journal of Communication Systems	2022	10745351
84	Sumathi A.	EC	Multi-Faceted Clustering with Enhanced Multi-channel Allocation for Optimal Path Selection in Wireless Sensor Networks	Wireless Personal Communications	2022	0929-6212
85	Sumathi A.	EC	HOFT-MP: A Multipath Routing Algorithm Using Hybrid Optimal Fault Tolerant System for WSNs Using Optimization Techniques	Neural Processing Letters	2022	13704621
86	Menakadevi T.	EC	Information retrieval through a knowledge base system: Semantic web based approach in South-Eastern Coastal areas of India	Songklanakarin Journal of Science and Technology	2022	1253395
87	Menakadevi T.	EC	An Enhanced Bio-Inspired Routing Algorithm for Vehicular Ad Hoc Networks	Trends in Sciences	2022	27740226
88	Menakadevi T.	EC	Mobility speed prediction using ARIMA and RNN for random walk mobility model in mobile ad hoc networks	Concurrency and Computation: Practice and Experience	2022	15320626
89	Menakadevi T.	EC	Ocean knowledge representation through integration of big data employing semantic web technologies	Earth Science Informatics	2022	18650473
90	Menakadevi T.	EC	An enhanced hybrid ant colony optimization routing protocol for vehicular ad-hoc networks	Journal of Ambient Intelligence and Humanized Computing	2022	18685137
91	Menakadevi T.	EC	An enhanced distance and residual energy-based congestion aware ant colony optimization routing for vehicular ad hoc networks	International Journal of Communication Systems	2022	10745351
92	Menakadevi T.	EC	Ontology based ocean knowledge representation for semantic information retrieval	Computers, Materials and Continua	2022	15462218
93	Ashokkumar A	EC	An enhanced Gray Wolf Optimization for cluster head selection in wireless sensor networks	International Journal of Communication Systems	2022	10745351
94	Anitha velu	EC	Information retrieval through a knowledge base system: Semantic web	Songklanakarin Journal of Science and Technology	2022	1253395

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			based approach in South-Eastern Coastal areas of India			
95	M Kathirvel	CE	Experimental study on flexural behavior on various Fibre Reinforced concrete beams	International Journal of Engineering and techniques	2022	2395-1303
96	M Kathirvel	CE	Comparative study of flat slab and conventional slab using ETABS	International Journal of engineering and techniques	2022	2395-1303
97	M Kathirvel	CE	Comparative study on fibre Reinforced concrete	International Journal of Engineering and Techniques	2022	2349-6002
98	Ezhilkumar P.	CH	Degradation of formaldehyde from wastewater by batch re-circulation process using a photocatalytic reactor	Desalination and Water Treatment	2021	9781665433686
99	Fetcia Jackulin C.	CH	Biohydrogen from organic wastes as a clean and environment-friendly energy source: Production pathways, feedstock types, and future prospects	Bioresource Technology	2021	9781799868729
100	Mariappan R.	PY	An influence of temperature on structural, morphological, thermal, optical and photoluminescence properties of LaPO <sub>4</sub> nanoparticles	Optik	2021	9781728115252
101	Mohanapriya A.	MA	Mittag–Leffler–Hyers–Ulam Stability of Delay Fractional Differential Equation via Fractional Fourier Transform	Results in Mathematics	2021	9781728115252
102	Thangavelu M.	EC	Cloud-assisted Parkinson disease identification system for remote patient monitoring and diagnosis in the smart healthcare applications	Concurrency and Computation: Practice and Experience	2021	15320626
103	Sivaparthipan C.B.	CS	Organizational business intelligence and decision making using big data analytics	Information Processing and Management	2021	3064573
104	Mariappan R.	PY	Review on rare earth metals doped LaPO <sub>4</sub> for optoelectronic applications	Solid State Communications	2021	381098
105	Manivasagan V.	BT	Surface improved agro-based material for the effective separation of toxic Ni(II) ions from aquatic environment	Chemosphere	2021	456535
106	Mariappan R.	PY	Investigation of Structural, Optical and Antibacterial Activity of ZnS Nanoparticles	Journal of Cluster Science	2021	10407278
107	Muthu B.	CS	Bio-inspired algorithms for industrial robot control using deep learning methods	Sustainable Energy Technologies and Assessments	2021	22131388
108	Muthu B.	CS	Multi-Objective Heuristic Decision Making and Benchmarking for Mobile Applications in English Language Learning	ACM Transactions on Asian and Low-Resource Language Information Processing	2021	23754699
109	Rajan R	CS	Multilabel land cover aerial image classification using convolutional neural networks	Arabian Journal of Geosciences	2021	18667511
110	Muthu B.A.	CS	Design of Internet of Things and big data analytics-based disaster risk management	Soft Computing	2021	14327643
111	Sivaparthipan C.B.	CS	Dynamic distributed iterative computational model for payment information management in shared logistics using blockchain-assisted Internet of Things approach	Soft Computing	2021	14327643
112	Thangavelu M.	IT	Group Based Dual Mode Key Management Scheme for Secure Communication in Vehicular Ad Hoc Networks	Wireless Personal Communications	2021	9296212
113	Fetcia Jackulin C.	CH	Stimulation of Bacillus sp. by lipopeptide biosurfactant for the degradation of aromatic amine 4-Chloroaniline	Journal of Hazardous Materials	2021	3043894
114	Sakthivel M.	AE	Influence of silicon carbide mixed used engine oil dielectric fluid on	Materials Research Express	2021	20531591

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
			EDM characteristics of AA7075/SiCp/B4C hybrid composites			
115	Sivaparthipan C.B.	CS	Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks	Wireless Personal Communications	2021	9296212
116	Jose S.H.	ME	Corrosion rate and surface hardness optimization in wire electrical discharge machining of AISI A2 tool steel in various conductive states and mediums	Materials Research Express	2021	20531591
117	Manivasagan V.	BT	Study on consolidated bioprocessing of pre-treated Nannochloropsis gaditana biomass into ethanol under optimal strategy	Renewable Energy	2021	9601481
118	Regin R.	IT	Node replacement based energy optimization using enhanced salp swarm algorithm (ES2A) in wireless sensor networks	Journal of Engineering Science and Technology	2021	18234690
119	Muthu B.	CS	Importance of implementing smart renewable energy system using heuristic neural decision support system	Sustainable Energy Technologies and Assessments	2021	22131388
120	Muthu B.A.	CS	Big data and artificial intelligence based early risk warning system of fire hazard for smart cities	Sustainable Energy Technologies and Assessments	2021	22131388
121	Regin R.	IT	An educational tool for enhanced mobile e-Learning for technical higher education using mobile devices for augmented reality	Microprocessors and Microsystems	2021	1419331
122	Murugan S.V.	EC	Bit-swapping linear feedback shift register (LFSR) for power reduction using pre-charged XOR with multiplexer technique in built in self-test	Journal of Ambient Intelligence and Humanized Computing	2021	18685137
123	Florence L.	CS	Evaluating the performance of various deep reinforcement learning algorithms for a conversational chatbot	2021 2nd International Conference for Emerging Technology, INCET 2021	2021	9781728170299
124	Kavitha S.	BT	Antioxidant and Anticancer Activities of Roots of Catharanthus roseus (L.) G.Don	Research Journal of Chemistry and Environment	2021	9720626
125	Thangavelu M.	EC	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies	Wireless Personal Communications	2021	9296212
126	Regin R.	IT	Production Planning and Scheduling of Mediating Effect of Electronic Applications	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021	9781665405201
127	Regin R.	IT	An Efficient Python Approach for Simulation of Poisson Distribution	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021	9781665405201
128	Regin R.	IT	Efficient Classification for Neural Machines Interpretations based on Mathematical models	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021	9781665405201
129	Regin R.	IT	Optimization Technique Approach to Resolve Food Sustainability Problems	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	2021	9781665429214
130	Regine R.	IT	Maximum Information Measure Policies in Reinforcement Learning with Deep Energy-Based Model	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	2021	9781665429214

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
131	Regin R.	IT	Involvement of Distance Measure in Assessing and Resolving Efficiency Environmental Obstacles	Proceedings of 2nd IEEE International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2021	2021	9781665429214
132	Manivasagan V.	BT	Sustainable use of biowaste for synthesis of silver nanoparticles and its incorporation into gelatin-based nanocomposite films for antimicrobial food packaging applications	Journal of Food Process Engineering	2021	1458876
133	Thilagavathy D.	IT	Route optimization for efficient data transmission using time desire strategy in wireless network	Journal of Ambient Intelligence and Humanized Computing	2021	18685137
134	Thangavelu M.	EI	Multi-disease prediction model using improved SVM-radial bias technique in healthcare monitoring system	Journal of Ambient Intelligence and Humanized Computing	2021	18685137
135	Sujatha S.	EI	Cloth consultant robot with temperature weather report using uipath - RPA	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	2021	9780738111834
136	Sathishkumar S.	IT	Big data analytics in cloud platform	Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing	2021	9781799831136; 9781799831112
137	Sathishkumar S.	IT	Big data issues: Gathering, governance, GDPR, security, and privacy	Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing	2021	9781799831136; 9781799831112
138	Rajan R.	CS	Technologies for Systematic Procedure Generation of Enhanced Wound Care Devices Through Discriminative Intelligence	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246
139	Rajan R.	CS	Orthographic Comparison Revealed by Ambient Sentiment Classification	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246
140	Menakadevi T.	CS	Investigation Relationship between Network Congestion and Vehicle Density in VANETs	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246
141	Rajan R.	CS	Impact of Strength Picture on Convolving with Regulation	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428
142	Regin R.	CS	Optimize the Residual Signal Transmission Based on Moving Vector Classification for Video Coding	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428
143	Kavitha S.	BT	Biogas recovery from sludge	Clean Energy and Resource Recovery: Wastewater Treatment Plants as Biorefineries, Volume 2	2021	9780323901789; 9780323901796
144	Kavitha S.	BT	Wastewater to biogas recovery	Clean Energy and Resource Recovery: Wastewater Treatment Plants as Biorefineries, Volume 2	2021	9780323901789; 9780323901796
145	Regin R.	IT	Application of Access Control Framework in Cloud Reliability	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
146	Regin R.	IT	Brain Tumor Analysis Using Advanced Textural Feature Extraction Algorithm	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686

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147	Regin R.	IT	Predicting Network Congestion with Machine Learning	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
148	Regin R.	IT	Detection and Localization of Early-Stage Lung Tumor Using K-Means Clustering and Object Counting	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
149	Regin R.	IT	Rainfall Prediction Using Deep Mining Strategy for Detection	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
150	Regin R.	IT	Applications of Two Separate Methods to Deal with a Small Dataset and a High Risk of Generalization	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
151	Regin R.	IT	Technical Support for Detection and Prediction of Rainfall	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
152	Regin R.	IT	Impact of Convolutional Neural Networks to Detect Visual Trends and Generate Real Price Swings	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	2021	9781665433686
153	Regin R.	IT	Fault Detection in Wireless Sensor Network Based on Deep Learning Algorithms	EAI Endorsed Transactions on Scalable Information Systems	2021	20329407
154	Muthu B.	CS	Research on Intelligent Trash Can Garbage Classification Scheme Based on Improved YOLOv3 Target Detection Algorithm	Journal of Interconnection Networks	2021	2192659
155	Sivaparthipan C.B.	CS	Extensive classification of visual art paintings for enhancing education system using hybrid SVM-ANN with sparse metric learning based on kernel regression	International Journal of Interactive Multimedia and Artificial Intelligence	2021	19891660
156	Sivaparthipan C.B.	CS	Improvement of Association Algorithm and Its Application in Audit Data Mining	Journal of Interconnection Networks	2021	2192659
157	Sivaparthipan C.B.	CS	Application of Automobile Modelling Optimization Design Based on Virtual Reality Technology	Journal of Interconnection Networks	2021	2192659
158	Sivaparthipan C.B.	CS	Analysis of physical health with internet of things-based computational narrowband physical health framework	Technology and Health Care	2021	9287329
159	Muthu B.	CS	Frontiers in telemedicine and internet of things in health monitoring	Technology and Health Care	2021	9287329
160	Kumar K.R.	BA	Sentiment analysis of tweets on the COVID-19 pandemic using machine learning techniques	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies	2021	9781799868729
161	Muthu B.	CS	Knowledge-based systems for blockchain-based cognitive cloud computing model for security purposes	International Journal of Modeling, Simulation, and Scientific Computing	2021	17939623
162	Muthu B.A.	CS	Deep Learning-Assisted Heuristic Data Management in the E-Commerce Recommendation System	Arabian Journal for Science and Engineering	2021	2193567X
163	Rajan R.	CS	An integrated approach for sustainable development of wastewater treatment and management system using IoT in smart cities	Soft Computing	2021	14327643
164	Sivaparthipan C.B.	CS	Human-Computer Interaction on IoT-Based College Physical Education	Arabian Journal for Science and Engineering	2021	2193567X
165	Muthu B.A.	CS	Machine Learning-Based Holistic Privacy Decentralized Framework for Big Data Security and Privacy in Smart City	Arabian Journal for Science and Engineering	2021	2193567X
166	Sivaparthipan C.B.	CS	Bigdata assisted energy conversion model for innovative city application	Journal of Interconnection Networks	2021	2192659

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167	Sivanantham S.	IT	Rule precision index classifier: an associative classifier with a novel pruning measure for intrusion detection	Personal and Ubiquitous Computing	2021	16174909
168	Rajan R.	CS	Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT	Wireless Personal Communications	2021	9296212
169	Sivaparthipan C.B.	CS	Sentimental analysis in student-teacher communication for effective learning	Aggression and Violent Behavior	2021	13591789
170	Rajan R.	IT	Encrypted Network Traffic Classification and Resource Allocation with Deep Learning in Software Defined Network	Wireless Personal Communications	2021	9296212
171	Regin R.	IT	A Genetic Programming Approach to Binary Classification Problem	EAI Endorsed Transactions on Energy Web	2021	16155548
172	Senthil Kumar K.	ME	Mitigation of Carbon Dioxide Gas from a DI Diesel Engine Fuelled with Honge Biodiesel for Agriculture	Lecture Notes in Mechanical Engineering	2021	21954356
173	Sivanantham S.	IT	Hybrid approach using machine learning techniques in credit card fraud detection	Advances in Intelligent Systems and Computing	2021	21945357
174	Kavitha S.	BT	Enhancement of ultrasound assisted aqueous extraction of polyphenols from waste fruit peel using dimethyl sulfoxide as surfactant: Assessment of kinetic models	Chemosphere	2021	456535
175	Manivasagan. V	BT	Surface improved agro-based material for the effective separation of toxic Ni(II) ions from aquatic environment	Chemosphere	2021	456535
176	Manivasagan. V	BT	Study on consolidated bioprocessing of pre-treated Nannochloropsis gaditana biomass into ethanol under optimal strategy	Renewable Energy	2021	9601481
177	Kavitha. S	BT	Antioxidant and Anticancer Activities of Roots of Catharanthus roseus (L.) G.Don	Research Journal of Chemistry and Environment	2021	9720626
178	Manivasagan. V	BT	Sustainable use of biowaste for synthesis of silver nanoparticles and its incorporation into gelatin-based nanocomposite films for antimicrobial food packaging applications	Journal of Food Process Engineering	2021	1458876
179	Manivasagan. V	BT	In-Vitro Evaluation of Anti-Cancer Activity of Actinidia Deliciosa And Brassica Juncea on Human Lung Carcinoma Cells (A549)	Gorteria Journal,	2021	0017-2294
180	Manivasagan. V	BT	Phytochemical, Antioxidant & Antimicrobial Investigation of Withania somnifera for its Therapeutic Uses.	PENSEE	2021	0031-4773
181	Manivasagan. V	BT	Study of Germination Potential and Genetic Purity of Rice (Oryza Sativa) F1 Hybrid by Quality Assurance and Molecular Methods	Journal of Huazhong University of Science and Technology	2021	1671-4512.
182	Manivasagan. V	BT	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	Letters in Applied nono science Open Access Journal	2021	2284-6808,
183	Sivaparthipan C.B.	CS	Organizational business intelligence and decision making using big data analytics	Information Processing and Management	2021	3064573
184	Sivaparthipan C.B	CS	Bio-inspired algorithms for industrial robot control using deep learning methods	Sustainable Energy Technologies and Assessments	2021	22131388
185	Muthu B.	CS	Multi-Objective Heuristic Decision Making and Benchmarking for	ACM Transactions on Asian and Low-Resource	2021	23754699

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			Mobile Applications in English Language Learning	Language Information Processing		
186	Rajan R.	CS	Multilabel land cover aerial image classification using convolutional neural networks	Arabian Journal of Geosciences	2021	18667511
187	Muthu B.A.	CS	Design of Internet of Things and big data analytics-based disaster risk management	Soft Computing	2021	14327643
188	Sivaparthipan C.B.	CS	Dynamic distributed iterative computational model for payment information management in shared logistics using blockchain-assisted Internet of Things approach	Soft Computing	2021	14327643
189	Sivaparthipan C.B.	CS	Adjacent Node based Energetic Association Factor Routing Protocol in Wireless Sensor Networks	Wireless Personal Communications	2021	9296212
190	Muthu B.	CS	Importance of implementing smart renewable energy system using heuristic neural decision support system	Sustainable Energy Technologies and Assessments	2021	22131388
191	Muthu B.A.	CS	Big data and artificial intelligence based early risk warning system of fire hazard for smart cities	Sustainable Energy Technologies and Assessments	2021	22131388
192	Florence L.	CS	Evaluating the performance of various deep reinforcement learning algorithms for a conversational chatbot	2021 2nd International Conference for Emerging Technology, INCET 2021	2021	9781728170299
193	Rajan R.	CS	Technologies for Systematic Procedure Generation of Enhanced Wound Care Devices Through Discriminative Intelligence	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246
194	Rajan R.	CS	Orthographic Comparison Revealed by Ambient Sentiment Classification	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	2021	9781665435246
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197	Regin R.	CS	Optimize the Residual Signal Transmission Based on Moving Vector Classification for Video Coding	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	2021	9781665426428
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202	Sivaparthipan C.B.	CS	Analysis of physical health with internet of things-based computational narrowband physical health framework	Technology and Health Care	2021	9287329
203	Muthu B.	CS	Frontiers in telemedicine and internet of things in health monitoring	Technology and Health Care	2021	9287329
204	Muthu B.	CS	Knowledge-based systems for blockchain-based cognitive cloud computing model for security purposes	International Journal of Modeling, Simulation, and Scientific Computing	2021	17939623
205	Muthu B.A.	CS	Deep Learning-Assisted Heuristic Data Management in the E-Commerce Recommendation System	Arabian Journal for Science and Engineering	2021	2193567X
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211	Sivaparthipan C.B.	CS	Sentimental analysis in student-teacher communication for effective learning	Aggression and Violent Behavior	2021	13591789
212	Vijay Murugan S.	EC	Bit-swapping linear feedback shift register (LFSR) for power reduction using pre-charged XOR with multiplexer technique in built in self-test	Journal of Ambient Intelligence and Humanized Computing	2021	18685137
213	Menakadevi T.	EC	Cloud-assisted Parkinson disease identification system for remote patient monitoring and diagnosis in the smart healthcare applications	Concurrency And Computation-Practice & Experience	2021	15320626
214	Menakadevi.T	EC	Group Based Dual Mode Key Management Scheme for Secure Communication in Vehicular Ad Hoc Networks	Wireless Personal Communications	2021	0929-6212
215	Menakadevi.T	EC	An Improved Direct Digital Synthesizer Using Hybrid Wave Pipelining and CORDIC algorithm for Software Defined Radio	Circuits Systems and Signal Processing	2021	0278-081X
216	Menakadevi.T	EC	Multi-disease prediction model using improved SVM-radial bias technique in healthcare monitoring system	Journal of Ambient Intelligence and Humanized Computing	2021	1687-9724
217	Menakadevi.T	EC	A novel clustering technique to stop congestion occur vehicular ad-hoc networks using node density based on received signal strength	Peer-to-Peer Networking and Applications	2021	1936-6442
218	Menakadevi T.	EC	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies	Wireless Personal Communications	2021	9296212
219	Anitha velu	EC	Hetero-GCD2RDF: An Interoperable Solution for Geospatial Climatic Data by Deploying Semantic Web Technologies	Wireless Personal Communications	2021	9296212
220	M Kathirvel	CE	Strengthening of concrete of beams using ternary blend with sugar cane bagasse ash and Prosopis juliflora ash	International Journal of , engineering and techniques	2021	2395-1303
221	M Kathirvel	CE	Experimental Study of Shear Behaviour of Hybrid Fiber Reinforced Concrete Beams	, International Journal of Research in Engineering, Science and Management	2021	2581-5792

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222	M Kathirvel	CE	Experimental study on Strengthening Existing Column By RC Jacketing	Journal for Science and Advance Research In Technology	2021	2395-1052
223	Regin R.	IT	Spectroscopy Analysis for Quality Control Measurement in Waste Management	Journal of Physics: Conference Series	2020	17426588
224	Mohanapriya A.	MA	A study on fractional differential equations using the fractional Fourier transform	Advances in Difference Equations	2020	16871839
225	Mohanapriya A.	MA	Fractional Fourier transform and stability of fractional differential equation on Lizorkin space	Advances in Difference Equations	2020	16871839
226	Mohanapriya A.	MA	Mittag-Leffler–Hyers–Ulam stability of differential equation using Fourier transform	Advances in Difference Equations	2020	16871839
227	Sivakumar K.	CY	Synthesis of some pharmacologically relevant coumarins linked with (hetero)aryl amides	AIP Conference Proceedings	2020	0094243X
228	Mohanapriya A.	MA	Hybrid method for detection and classification of paddy leaf deficiency using modified k-means image segmentation	Indian Journal of Computer Science and Engineering	2020	9765166
229	Das M.	CH	Thermal safety assessment for solid organic peroxides	Journal of Loss Prevention in the Process Industries	2020	9504230
230	Regin R.	IT	Nuclear structure of some even and odd nuclei using shell model calculations	AIP Conference Proceedings	2020	0094243X
231	Poovendran R.	EC	Design of cost-effective wearable sensors with integrated health monitoring system	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	9781728154640
232	Narayanan M.	BT	Screening of polyhydroxybutyrate producing indigenous bacteria from polluted lake soil	Heliyon	2020	24058440
233	Madhesh P.	EC	Recent advancements in rapid analysis of pesticides using nano biosensors: A present and future perspective	Journal of Cleaner Production	2020	9596526
234	Mariappan R.	PY	Effect of dopant concentration on polyaniline/poly(4-styrene sulfonic acid) composite for ammonia gas detection	Polymers and Polymer Composites	2020	9673911
235	Sumathi A.	EC	Optimal Feature Selection for the Classification of Hyperspectral Imagery Using Adaptive Spectral–Spatial Clustering	International Journal of Parallel Programming	2020	8857458
236	Menakadevi T.	EC	An improved distance-based ant colony optimization routing for vehicular ad hoc networks	International Journal of Communication Systems	2020	10745351
237	Lishma P.L.	CH	Application of artificial intelligence to predict flow assisted corrosion in nuclear/thermal power plant	Indian Journal of Chemical Technology	2020	0971457X
238	Ranganath G.	ME	Effect of rubber ash on mechanical properties of Al6061 based hybrid FGMMC	Materials Research Express	2020	20531591
239	Mohanapriya A.	MA	New generalization of hermite-hadamard type of inequalities for convex functions using fourier integral transform	Thai Journal of Mathematics	2020	16860209
240	Kumar K.R.	BA	IoT role in prevention of COVID-19 and health care workforces behavioural intention in India - an empirical examination	International Journal of Pervasive Computing and Communications	2020	17427371
241	Mohanapriya A.	MA	Hyers-Ulam stability of first order linear differential equation using Fourier transform method	Journal of Physics: Conference Series	2020	17426588

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242	Mohanapriya A.	MA	The Fourier transform approach to Hyers-Ulam stability of differential equation of second order	Journal of Physics: Conference Series	2020	17426588
243	William Raj L.D.	EC	Robotic Arm for Extricate Operation in Bore well	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027
244	Poovendran R.	EC	Design of Nano Thermoelectric Generator for Wireless Nano-Sensor Network	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027
245	Poovendran R.	EC	Multi-Purpose Intelligent Drudgery Reducing Ecobot	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027
246	Poovendran R.	EC	Architectural exploration of heterogeneous NoC with fault tolerant capacity	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027
247	Sivanantham S.	IT	Performance Evaluation of Association Rule based Classification in Cancer Diagnosis	Proceedings of the 2nd International Conference on Inventive Research in Computing Applications, ICIRCA 2020	2020	9781728153742
248	Saravanan S.	BT	Oxalate oxidase: An antilithiatic enzyme from staphylococcus pasteurii and its degradation studies	International Journal of Pharmaceutical Research	2020	9752366
249	Swamydoss D.	CA	Optimization Techniques in Network Slicing and Human Approach for Education Game	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	9781728155180
250	Das M.	CH	Thermal hazardous evaluation of autocatalytic reaction of cumene hydroperoxide alone and mixed with products under isothermal and non-isothermal conditions	Journal of Thermal Analysis and Calorimetry	2020	13886150
251	Suresh A.	BT	Green synthesis of iron oxide nanoparticles using Hibiscus rosa-sinensis for fortifying wheat biscuits	SN Applied Sciences	2020	25233971
252	Balamananikandan A.	CS	Low area ASIC implementation of LUT-CLA-QTL architecture for cryptography applications	Wireless Networks	2020	10220038
253	Sivakumar K.	CY	Synthesis and characterization of n-(4 sulfamoylphenyl) benzamide derivatives	Annals of Tropical Medicine and Public Health	2020	17556783
254	Menaka A.	IT	Energy Optimized Node Level Trust Based Data Transaction in Wireless Sensor Network	2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	9781728151977
255	Sivanantham S.	IT	Securing Technology and Government Services Enrollment - Stage	2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	9781728151977
256	Gowtham Raj M.	IT	Latent Fingerprint Enhancement for Investigation	2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	9781728151977
257	Sivakumar K.	CY	Synthesis and biological activities of nitro-hydroxy-phenylquinolines;	Journal of Heterocyclic Chemistry	2020	0022152X

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
			validation of antibiotics effect over DNA gyrase inhibition and antimicrobial activity			
258	Sivakumar K.	CY	A modified approach for the synthesis of biologically relevant 5-substituted-2-N-aryl-1,3-oxazole derivatives in mild conditions	Journal of Taibah University for Science	2020	16583655
259	Sundaram T.T.	CY	SYNTHESIS OF LAYERED ALUMINOSILICATE BY A DIRECT METHOD	An Introduction to Aluminosilicates	2020	9781536173109; 9781536172508
260	Dhanasekar R.	BA	Development of mobile car black box with synchronous action of vehicle control unit and android mobile using berlinite material	Materials Today: Proceedings	2020	22147853
261	Babu S.S.	CE	Study and analysis of pile foundation supported on sandwich soil strata under dynamic condition	Materials Today: Proceedings	2020	22147853
262	Babu S.	CE	Experimental investigation on expansive soils using electro kinetic geosynthetics (EKG) under cyclic loading	Materials Today: Proceedings	2020	22147853
263	Thangavelu M.	EC	Elephant intrusion warning system using iot and 6lowpan	International Journal of Sensors, Wireless Communications and Control	2020	22103279
264	Regin R.	IT	Optimized Node Clustering based on Received Signal Strength with Particle Ordered-filter Routing Used in VANET	Webology	2020	1735188X
265	Regin R.	IT	Detecting the Phishing Attack Using Collaborative Approach and Secure Login through Dynamic Virtual Passwords	Webology	2020	1735188X
266	Konga A.	CH	Zno-rgo nanocomposite as high-performance photocatalyst in dye degradation	Indian Journal of Chemical Technology	2020	0971457X
267	Babu S.S.	CE	Mechanical properties of engineered cementitious composites developed with silica fume [Mechaniczne właściwości kompozytu cementowego z dodatkiem pyłu krzemionkowego]	Cement, Wapno, Beton	2020	14258129
268	Tamilselvan V.	EE	A hybrid PSO-ABC algorithm for optimal load shedding and improving voltage stability	International Journal of Manufacturing Technology and Management	2020	13682148
269	Mohanapriya A.	MA	Hermite-hadamard type of inequalities for harmonically convex function using fourier integral transform	Advances in Mathematics: Scientific Journal	2020	18578365
270	Rohan J.	CH	A novel method: Mixed matrix membrane – an overview	Journal of Ceramic Processing Research	2020	12299162
271	Suresh Babu S.	CE	Performance of ground granulated blast-furnace slag based engineered cementitious composites [Właściwości inżynierskich kompozytów cementowych zawierających granulowany żużel wielkopiecowy]	Cement, Wapno, Beton	2020	14258129
272	Menakadevi T.	EC	Resource-based routing protocol for mobile adhoc networks	Songklanakarin Journal of Science and Technology	2020	1253395
273	Konga A.K.	CH	Photocatalytic degradation of synthetic organic reactive dye wastewater using GO-TiO <sub>2</sub> nanocomposite	Polish Journal of Environmental Studies	2020	12301485
274	Sathishkumar S.	IT	Survey on privacy-preserving and other security issues in data mining	Lecture Notes in Networks and Systems	2020	23673370
275	Sathishkumar S.	IT	Survey on data mining and predictive analytics techniques	Lecture Notes in Networks and Systems	2020	23673370
276	Sivakumar V.	EC	Capacity enhancement using delay-sensitive protocol in MANETs	Lecture Notes in Networks and Systems	2020	23673370
277	Sivakumar K.	CY	Synthesis and discovery of pyrazolo-pyridine analogs as inflammation medications through pro- and anti-inflammatory cytokine and COX-2 inhibition assessments	Bioorganic Chemistry	2020	452068

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278	Mohan M.	EC	Abrasive Water Jet Machining process: A state of art of review	Journal of Manufacturing Processes	2020	15266125
279	Lilly Florence M.	CS	Implementation of IDS Within a Crew Using ID3Algorithm in Wireless Sensor Local Area Network	Lecture Notes in Networks and Systems	2020	23673370
280	Saravanan M.	EC	Solution and stability of a cubic type functional equation: Using direct and fixed point methods	Kragujevac Journal of Mathematics	2020	14509628
281	Kavitha. S	BT	Enhancement of ultrasound assisted aqueous extraction of polyphenols from waste fruit peel using dimethyl sulfoxide as surfactant: Assessment of kinetic models	Chemosphere	2020	456535
282	Balamanikandan A.	EEE	Low area ASIC implementation of LUT–CLA–QTL architecture for cryptography applications	Wireless Networks	2020	10220038
283	Lilly Florence M.	CS	Implementation of IDS Within a Crew Using ID3Algorithm in Wireless Sensor Local Area Network	Lecture Notes in Networks and Systems	2020	23673370
284	Sumathi.A	EC	Optimal feature selection for the classification of hyper spectral imagery using adaptive spectral-spatial clustering	International Journal of Parallel Programming, Springer	2020	0885-7458
285	Menakadevi T.	EC	Resource-based routing protocol for mobile adhoc networks	Songklanakarin Journal of Science and Technology	2020	1253395
286	Menakadevi T.	EC	An improved distance-based ant colony optimization routing for vehicular ad hoc networks	International Journal of Communication Systems	2020	10745351
287	Menakadevi T.	EC	Elephant intrusion warning system using iot and 6lowpan	International Journal of Sensors, Wireless Communications and Control	2020	22103279
288	Chidambaram S.	EC	Optimal feature selection for the classification of hyper spectral imagery using adaptive spectral-spatial clustering	International Journal of Parallel Programming, Springer	2020	0885-7458
289	Poovendran R.	EC	Design of cost-effective wearable sensors with integrated health monitoring system	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020	2020	978-172815464-0
290	Poovendran R.	EC	Design of Nano Thermoelectric Generator for Wireless Nano-Sensor Network	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	978-172816202-7
291	Poovendran R.	EC	Multi-Purpose Intelligent Drudgery Reducing Ecobot	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	978-172816202-7
292	Poovendran R.	EC	Architectural exploration of heterogeneous NoC with fault tolerant capacity	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	978-172816202-7
293	David William Raj L.	EC	Robotic Arm for Extricate Operation in Bore well	2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020	2020	9781728162027
294	M Kathirvel	CE	Review on Reinforced Concrete Column Jacketing	International International Journal of All Research Education and Scientific Methods	2020	2455-6211
295	M Kathirvel	CE	Comparative Nonlinear Static Analysis On Stiffness Regular And Stiffness Irregular Structure To Seismic Zone Using Etabs	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
296	R Thirumalai	CE	Experimental study on Finite Element Analysis Nonlinear Composite Column	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138
297	R Thirumalai	CE	Analytical and experimental study on strengthening of concrete filled steel tubular beam using <u>frp</u> composite	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138
298	R Thirumalai	CE	Analytical and experimental study on laced Steel Concrete Composite Beam	IJRAR - International Journal of Research and Analytical Reviews	2020	2349-5138
299	R Thirumalai	CE	Performance Analysis of Concrete Properties due to the Influence of Recycled Aggregate Concrete	Solid State Technology	2020	0038-111X
300	Karthick Raghunath K.M.	CS	Fuzzy-based fault-tolerant and instant synchronization routing technique in wireless sensor network for rapid transit system	Automatika	2019	51144
301	Sivakumar K.	CY	Structural, morphological and optical properties and solar cell applications of thioglycolic routed nano cobalt oxide material	Energy Reports	2019	23524847
302	Florence M.L.	CS	Enhanced secure sharing of PHR's in cloud using user usage based attribute based encryption and signature with keyword search	Cluster Computing	2019	13867857
303	Ahmad M.T	CH	Case Study on Aerodynamics Stability of Bixel Wing-In-Ground Effect Craft	IOP Conference Series: Materials Science and Engineering	2019	17578981
304	Kumar K.R	BA	The effect of website quality factors on consumer delightfulness and purchase intentions: Substantiation from indian E-Tail visitors	International Journal of Engineering and Advanced Technology	2019	22498958
305	Saravanan A.K.	ME	Reinforcing adhesive plastic-coated grins through FRP compounds	International Journal of Engineering and Advanced Technology	2019	22498958
306	Srinivasan V.	CY	Synthesis of Mesoporous Silicon with Uniform Pore Size Using the Ashes of Husks from Panicum Miliare Millet: A Novel Recyclable Bio-waste	Silicon	2019	1876990X
307	Sumathi A.	EC	Modeling and simulation of solar PV energy conversion systems	International Journal of Engineering and Advanced Technology	2019	22498958
308	Mohanapriya S.	MA	Automatic detection of tomato leaf deficiency and its result of disease occurrence through image processing	International Journal of Innovative Technology and Exploring Engineering	2019	22783075
309	Srinivasan A.	EC	An Improvised video coding algorithm for deep learning-based video transmission using HEVC	Soft Computing	2019	14327643
310	Menakadevi T.	EC	Dynamic Clustering Mechanism to Avoid Congestion Control in Vehicular Ad Hoc Networks Based on Node Density	Wireless Personal Communications	2019	9296212
311	Srinivasan A.	EC	Performance based algorithms for video bit transmissions	Cognitive Systems Research	2019	13890417
312	Sumathi S.	EC	An area-efficient FFT processor for the OFDMA transceiver communication system	Concurrency and Computation: Practice and Experience	2019	15320626
313	Sumathi S.	EC	An area-efficient low-power SCM topology for high performance network-on Chip (NoC) architecture using an optimized routing design	Concurrency and Computation: Practice and Experience	2019	15320626
314	Subramanian S.	CY	Study on effectiveness of activated calcium oxide in pilot plant biodiesel production	Journal of Cleaner Production	2019	9596526
315	Bagyalakshmi N.	EI	Self tuning and control of plate heat exchanger via fuzzy-pid	ARNP Journal of Engineering and Applied Sciences	2019	18196608

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316	Sivakumar K.	CY	Improved catalytic performance of cobalt oxide for selective oxidation of benzyl alcohol	SN Applied Sciences	2019	25233971
317	Florence M.L.	CS	Securing Personal Health Record System in Cloud Using User Usage Based Encryption	Journal of Medical Systems	2019	1485598
318	Manivasagan V.	BT	Phytoremediation of Cr(VI) ion contaminated soil using Black gram (Vigna mungo): Assessment of removal capacity	Journal of Environmental Chemical Engineering	2019	22133437
319	Thangavelu M.	EC	Futuristic speed prediction using auto-regression and neural networks for mobile ad hoc networks	International Journal of Communication Systems	2019	10745351
320	Sivakumar V.	EC	Privacy-preserving routing for wireless network using OPERA	Proceedings of the 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019	2019	9781538675953
321	Sivakumar K.	CY	Preparation and Characterization of Nanocopper Ferrite and Its Green Catalytic Activity in Alcohol Oxidation Reaction	Journal of Superconductivity and Novel Magnetism	2019	15571939
322	Sivanantham S.	IT	Efficient and opportunistic routing in MANET using link lifetime prediction	Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019	9781538694398
323	Fathima G.	CS	Urban Air Quality Analysis and Prediction Using Machine Learning	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2019	2019	9781728104188
324	Sivanantham S.	IT	Comparing the Performance of Adaptive Boosted Classifiers in Anomaly based Intrusion Detection System for Networks	Proceedings - International Conference on Vision Towards Emerging Trends in Communication and Networking, ViTECoN 2019	2019	9781538693537
325	Sivakumar V.	EC	Recommendation schemes for reliable trust based platoon services in VANET	Proceedings - International Conference on Vision Towards Emerging Trends in Communication and Networking, ViTECoN 2019	2019	9781538693537
326	Poovendran R.	EC	Design and analysis of a mesh-based adaptive wireless network-on-chips architecture with irregular network routing	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252
327	Poovendran R.	EC	Design an energy-efficient wireless routers with Dbm noc architecture to minimize the communication latency	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252
328	Poovendran R.	EC	Design and analysis of a mesh-based adaptive wireless network-on-chips architecture with irregular network routing	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252
329	David William Raj L.	EC	Elegant way of designing printed circuit board via multilayer technique using ultiboard 12.0	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252
330	David William Raj L.	EC	Voice controlled door lock system using matlab and arduino	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	9781728115252

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331	Sursh Babu S	CE	Smart city and security issues- IoT perspectives	Proceedings of the 3rd International Conference on Computing Methodologies and Communication, ICCMC 2019	2019	9781538678084
332	Ramesh S.M.	CS	Implementation of high speed and area efficient MAC unit for industrial applications	Cluster Computing	2019	13867857
333	Manivasagan V	BT	Modelling on the removal of Cr(VI) ions from aquatic system using mixed biosorbent (Pseudomonas stutzeri and acid treated Banyan tree bark)	Journal of Molecular Liquids	2019	1677322
334	Kumar K.R.	BA	Work-family conflict and depression among women working professionals	Journal of Computational and Theoretical Nanoscience	2019	15461955
335	Kingsly S.J.	MA	A Stochastic Inventory Model with Two Queues and a Flexible Server	International Journal of Applied and Computational Mathematics	2019	23495103
336	Saravana Kumar E.	CS	Trust based resource selection with optimization technique	Cluster Computing	2019	13867857
337	Sumathi A.	EC	Dyadic product and crow lion algorithm based coefficient generation for privacy protection on cloud	Cluster Computing	2019	13867857
338	Florence L.	CS	Software defect prediction techniques using metrics based on neural network classifier	Cluster Computing	2019	13867857
339	Selvamani S.K.	CE	3D printing: Overview of ABS evolvement	AIP Conference Proceedings	2019	0094243X
340	Vuppala V.	CH	Photocatalytic degradation of Congo red dye using Visible Light Active (VLA) carbon doped titanium dioxide nanocomposite and its kinetics	Technologies for Sustainable Development - Proceedings of the 7th Nirma University International Conference on Engineering, NUICONE 2019	2019	9780367337377
341	Venkatesham V.	CH	Performance evaluation of DSSC's fabricated employing TiO <sub>2</sub> and TiO <sub>2</sub> -ZnO nanocomposite as the photoanodes	Materials Today: Proceedings	2019	22147853
342	Sumathi A.	EC	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]	Informacije MIDEM	2019	3529045
343	Palaniappan M.	MA	Stability of a class of fractional integro-differential equation	Fixed Point Theory	2019	15835022
344	Anand T.	AE	A customer-based supply chain network design	International Journal of Enterprise Network Management	2019	17481252
345	Sakthivel M.	IT	Experimental investigation of cryogenically treated HSS tool in turning on AISI1045 using fuzzy logic-Taguchi approach	Bulletin of the Polish Academy of Sciences: Technical Sciences	2019	2397528
346	Smitha J.A.	IT	Efficient moving vehicle detection for intelligent traffic surveillance system using optimal probabilistic neural network	International Journal of Business Intelligence and Data Mining	2019	17438187
347	Florence M.L.	CS	Improved Bayesian regularisation using neural networks based on feature selection for software defect prediction	International Journal of Computer Applications in Technology	2019	9528091
348	Sakthivel M.	IT	Mechanical properties, degradation and flue gas analysis of basalt and glass fiber reinforced recycled polypropylene	Materialpruefung/Materials Testing	2019	255300

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349	Hariprasad T.	ME	Influence of cryogenic reaming process parameters on Titanium alloy by using grey relational analysis	FME Transactions	2019	14512092
350	Jayamurugan P	PY	Effects of CuO and Oxidant on the Morphology and Conducting Properties of PANI:CuO Hybrid Nanocomposites for Humidity Sensor Application	Polymer Science - Series B	2019	15600904
351	Sakthivel M.	ME	Wear behavior of sansevieria cylindrica and E-glass reinforced polyester composites	Materialpruefung/Materials Testing	2019	255300
352	Arasu V.	MA	Stability of functional equations in Šerstnev probabilistic normed spaces	Journal of Computational Analysis and Applications	2019	15211398
353	Manivasagan V	BT	Study on effectiveness of activated calcium oxide in pilot plant biodiesel production	Journal of Cleaner Production	2019	9596526
354	Manivasagan V.	BT	Phytoremediation of Cr(VI) ion contaminated soil using Black gram (Vigna mungo): Assessment of removal capacity	Journal of Environmental Chemical Engineering	2019	22133437
355	Manivasagan. V	BT	Modelling on the removal of Cr(VI) ions from aquatic system using mixed biosorbent (Pseudomonas stutzeri and acid treated Banyan tree bark)	Journal of Molecular Liquids	2019	1677322
356	Karthick Raghunath K.M.	CS	Fuzzy-based fault-tolerant and instant synchronization routing technique in wireless sensor network for rapid transit system	Automatika	2019	51144
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367	Sumathi A.	EC	Dyadic product and crow lion algorithm based coefficient generation for privacy protection on cloud	Cluster Computing	2019	13867857
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371	Poovendran R.	EC	An area-efficient low-power SCM topology for high performance network-on Chip (NoC) architecture using an optimized routing design	Concurrency and Computation: Practice and Experience	2019	15320626
372	Poovendran R.	EC	Design and analysis of a mesh-based adaptive wireless network-on chips architecture with irregular network routing	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2
373	Poovendran R.	EC	Design an energy-efficient wireless routers with Dbm noc architecture to minimize the communication latency	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2
374	David William Raj L.	EC	Voice controlled door lock system using matlab and arduino	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2
375	David William Raj L.	EC	Elegant way of designing printed circuit board via multilayer technique using ultiboard 12.0	2019 IEEE International Conference on System, Computation, Automation and Networking, ICSCAN 2019	2019	978-172811525-2
376	M Kathirvel	CE	Smart sensing techniques for health monitoring of existing bridge	International journal of engineering techniques	2019	2395-1303
377	Tamilselvan V.	EE	Optimal capacitor placement in radial distribution systems using flower pollination algorithm	Alexandria Engineering Journal	2018	11100168
378	Vinoth R.	ME	Experimental investigation on heat transfer characteristics of an oblique finned microchannel heat sink with different channel cross sections	Heat and Mass Transfer/Waerme- und Stoffuebertragung	2018	9477411
379	Hariprasad T.	ME	Investigation of Microstructural and Mechanical Properties of Al 5083-ZrSiO4-Gr Hybrid Composite	International Journal of Nanoscience	2018	0219581X
380	Venu S.	ME	Routing analysis for broadcasting in mobile Ad hoc network's through Ad hoc on-demand distance vector	Journal of Computational and Theoretical Nanoscience	2018	15461955
381	Abburu S.,	CA	Ontology and NLP support for building disaster knowledge base	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018	9781509050130
382	Muniyappan P	PY	Stability of a class of fractional integro-differential equation with	Acta Mathematica Universitatis Comenianae	2018	8629544

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383	Shylin S., Jose H.	ME	Reuse of waste printed circuit board in powder form as filler in natural rubber composite and its evaluation of mechanical properties	Ecology, Environment and Conservation	2018	0971765X
384	Mohanraj D.	ME	Effect of eco-friendly micro Basalt fiber filler loading on mechanical properties of hybrid polymer composites	Ecology, Environment and Conservation	2018	0971765X
385	Ranganath G.	ME	Heat transfer and pressure drop correlations of rectangular perforated fin surface of a compact heat exchanger	International Conference on Computational Methods for Thermal Problems	2018	23055995
386	Ranganath G.	ME	Enhancement of overall effectiveness of equipment of bainite hardening furnace by using total productive maintenance	Journal of the Balkan Tribological Association	2018	13104772
387	Hariprasad T.	ME	Mechanical and wear behaviour of Al hybrid composites reinforced with zircon sand and rice husk ash	Journal of the Balkan Tribological Association	2018	13104772
388	Abburu S.	CA	Satellite parametric description to ontology concepts and semantic classification of satellite data	Environmental Information Systems: Concepts, Methodologies, Tools, and Applications	2018	9781522570349; 9781522570332
389	Kumar K.S.	BA	Drying of mint leaves in forced convection solar dryer	Thermal Science	2018	3549836
390	Ubagaramary D.,	CY	Acoustical properties of molecular interactions in 1-propanol, 1-butanol and 1-pentanol with tetrahydrofuran in cyclohexanone at various temperatures	Biomedical Research (India)	2018	0970938X
391	Lilly Florence	CS	Enhanced secure sharing of PHRs in cloud using attribute-based encryption and signature with keyword search	Advances in Intelligent Systems and Computing	2018	21945357
392	Vijayakumari V.	BM	Retinal disease diagnosis by morphological feature extraction and SVM classification of retinal blood vessels	Biomedical Research (India)	2018	0970938X
393	Saravana Kumar E	CS	Biclustering of gene expression data using biclustering iterative signature algorithm and biclustering coherent column	International Journal of Biomedical Engineering and Technology	2018	17526418
394	Lilly Florence	CS	Enhanced secure sharing of PHRs in cloud using attribute-based encryption and signature with keyword search	Advances in Intelligent Systems and Computing	2018	21945357
395	Saravana Kumar E	CS	Biclustering of gene expression data using biclustering iterative signature algorithm and biclustering coherent column	International Journal of Biomedical Engineering and Technology	2018	17526418
396	Sumathi A.	EC	An Area-Efficient FPGA Implementation of Network-on-chip(NoC) Router Architecture for Optimized Multicore-SoC Communication	American Scientific Publishers	2018	1546-198X
397	Sumathi A.	EC	An Low power Area-Efficient Routing Analysis and Optimization for a Fat Tree-Based Optical Network-on-Chip (ONoC) Architectures	American Scientific Publishers	2018	1936-6612
398	Sumathi A.	EC	An area-efficient FFT processor for the OFDMA transceiver communication system	Concurrency And Computation-Practice & Experience	2018	1532-0626
399	Poovendran.R	EC	An Area-Efficient FPGA Implementation of Network-on-chip(NoC) Router Architecture for Optimized Multicore-SoC Communication	American Scientific Publishers	2018	1936-6612
400	Poovendran.R	EC	An Low power Area-Efficient Routing Analysis and Optimization for a Fat Tree-Based Optical Network-on-Chip (ONoC) Architectures	American Scientific Publishers	2018	1936-6612
401	M Kathirvel	CE	Flexural Response Of Hybrid FRC Beams	”, International Journal of Technical Innovation in Modern Engineering & Science	2018	2455-2585
402	M Kathirvel	CE	Analytical and Experimental Behavior of cold formed Steel sigma and	International Journal of Technical Innovation in	2018	2455-2585

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
			z section purlin connections	Modern Engineering & Science, Vol. 4, Issue 3		
403	Satheesh V. S	CE	Interior Design of St Peters Medical College Hospital Building, Hosur, Tamilnadu using Revit17	International Journal of Advance Engineering and Research Development (IJAERD)	2018	2321-9653
404	Satheesh V. S	CE	Flexural Behaviour of Composite beams under three point loading	International Journal of Engineering Development and Research (IJEDR)	2018	2321-9939
405	Satheesh V. S	CE	Flexural behavior of SIFCON beams under three point loading	International Journal of Scientific Development and Research (IJSDR)	2018	2455-2631
406	Satheesh V. S	CE	Analysis and Design of Cooling Tower by using Staad Pro	International Journal of Creative Research Thoughts	2018	2320-2882
407	Satheesh V. S	CE	Influence of Fluctuations in Volumetric Dosages of Composite Materials on Torsional Rigidity	Journal of Emerging Technologies and Innovative Research	2018	2349-5162
408	Satheesh V. S	CE	Experimental And Analytical Analysis Of Flexural Behaviour Of Self Compacting Concrete With GGBS	International Journal of Advance Engineering and Research Development	2018	2348-4470
409	Shruthi M.P.	BT	Biclustering on gene expression data	2017 International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies, ICAMMAET 2017	2017	9781509033782
410	Mariappan R.	PY	Structural, optical, electrical and electrochemical properties of Fe:Co3O4 thin films for supercapacitor applications	Journal of Materials Science: Materials in Electronics	2017	9574522
411	Mariappan R.	PY	Investigation of Annealing Temperature on Structural and Morphological Properties of Cr2O3 Nanoparticles for Humidity Sensor Application	Sensing and Imaging	2017	15572064
412	Kavitha P.	IT	Anomaly based intrusion detection for 802.11 networks with optimal features using SVM classifier	Wireless Networks	2017	10220038
413	Sakthivel S.	IT	Fuzzy based intrusion detection for cluster based battlefield MANET	2017 IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials, ICSTM 2017 - Proceedings	2017	9781509059058
414	Krishnammal V.P	EI	Timing error performance analysis for low power DSP filters	Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017	2017	9781509032433
415	Vinoth R.	ME	Channel cross section effect on heat transfer performance of oblique finned microchannel heat sink	International Communications in Heat and Mass Transfer	2017	7351933
416	Raja P	ME	Effects of deep cryo treatment of high speed steel on the turning process of a medium carbon steel	Materialpruefung/Materials Testing	2017	255300
417	Sakthivel Murugan S.	BM	Model predicting sediment transport: Acoustic analysis AIDS research on India's national treasures	Sea Technology	2017	933651
418	Saravana Kumar E.	CS	A Framework for Automated Content Based Medical Image Queries in Grid	Intelligent Automation and Soft Computing	2017	10798587
419	Abburu S.	CS	Ontology Concept-Based Management and Semantic Retrieval of Satellite Data	Journal of Intelligent Systems	2017	3341860
420	Murali G	ME	Spiral phase-change material for enhancing natural circulation solar	Experimental Heat Transfer	2017	8916152

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
			water heater: An experimental study			
421	Mariappan R.	CY	Structural, morphological, optical and gas sensing properties of pure and Ce doped SnO <sub>2</sub> thin films prepared by jet nebulizer spray pyrolysis (JNSP) technique	Journal of Materials Science: Materials in Electronics	2017	9574522
422	Sivakumar R.	EC	Automated traffic light control system and stolen vehicle detection	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	9781509007745
423	Sivakumar V.	EC	Efficient file sharing system using XMPP (Let's Share)	2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings	2017	9781509007745
424	Sumathi A.	CS	Photodetection Properties of ZnO/Si Heterojunction Diode: A Simulation Study	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	2017	2564602
425	Konga A.K.	CH	Soxhlet extraction of Spirogyra sp. algae: an alternative fuel	Biofuels	2017	17597269
426	Selvakumar K.V.	CH	Effect of citric acid on low temperature synthesis of aluminum borate whiskers with Al <sub>8</sub> B <sub>4</sub> O <sub>18</sub> phase	Journal of Advanced Research in Dynamical and Control Systems	2017	1943023X
427	Srinivasan V.	CY	Synthesis of Naphthalene based Quinoxaline derivatives using surfactant and their biological applications as drugs	Oriental Journal of Chemistry	2017	0970020X
428	Abburu S.	CA	GIS based interoperable platform for disaster data exchange using OGC standards and spatial query	International Journal of Web Portals	2017	19380194
429	Priya V.,	CE	Influence of fungal delignification enzymes in treated coir pith for pollution management	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2017	9723005
430	Karthikeyan S.	BT	Isolation and growth optimisation of fresh water microalgae <i>Asterarcys quadricellulare</i>	International Journal of Materials and Product Technology	2017	2681900
431	Ezhilkumar P.	BT	Biodegradation of Formaldehyde using <i>Bacillus subtilis</i> in batch process	International Journal of Materials and Product Technology	2017	2681900
432	Perumal B.	EE	Optimal control topology-based efficiency improvement of single-stage three level resonant AC/DC converters	International Journal of Automation and Control	2017	17407516
433	Priya V.	CE	Reduction of Electrical conductivity in coir pith and analysis of coir pith leachate obtained-using organic, chemical and biological treatment	Pollution Research	2017	2578050
434	Sakthivel M.	IT	Grey-fuzzy logic to optimise process parameters in drilling of glass fibre reinforced stainless steel mesh polymer composite	Pigment and Resin Technology	2017	3699420
435	Sakthivel M.	IT	Influence of stainless-steel wire mesh on the mechanical behaviour in a glass-fibre-reinforced epoxy composite	Materiali in Tehnologije	2017	15802949
436	Muniyappan P.	ME	Stability of fractional differential equation with boundary conditions	Journal of Computational Analysis and Applications	2017	15211398
437	Srinivasan V.	CY	Green synthesis, characterization and anxiolytic, sedative and hypnotic activity of pyrimidine based diazepam derivatives	Biomedical Research (India)	2017	0970938X
438	Udhaya Suriya	BM	Brain tumour detection using discrete wavelet transform based	Biomedical Research (India)	2017	0970938X

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S. No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
	T.S.		medical image fusion			
439	Mohandas P.	BT	An automated irrigation system based on a low-cost microcontroller for tomato production in South India	Studies in Computational Intelligence	2017	1860949X
440	Srinivasan S.	CY	Poly (AMPS-co-IA) hydrogels playing dual role: Acidity regulator and adsorbent for Cr(VI) adsorption	Biomedical Research (India)	2017	0970938X
441	Mishra S.	BM	Coronary heart disease detection from variation of speech and voice	Advances in Intelligent Systems and Computing	2017	21945357
442	Suresh Babu S.	CE	A study on performance of 3D RC frames with masonry in-fill under dynamic loading conditions	KSCE Journal of Civil Engineering	2017	12267988
443	Karthikeyan S.	BT	Isolation and growth optimisation of fresh water microalgae <i>Asterarcys quadricellulare</i>	International Journal of Materials and Product Technology	2017	2681900
444	Saravana Kumar E.	CS	A Framework for Automated Content Based Medical Image Queries in Grid	Intelligent Automation and Soft Computing	2017	10798587
445	Sumathi A.	EC	Photodetection Properties of ZnO/Si Heterojunction Diode: A Simulation Study	IETE Technical Review	2017	09745971
446	M Kathirvel	CE	Cause Analyses of River Water Quality Deterioration a Case Study of South Pennar River in Krishnagiri Dist. Tamilnadu	International Journal of Engineering Research & Technology	2017	2278-0181
447	R Thirumalai	CE	A review on stabilization of expansive soil using industrial solid wastes	Scientific Research Publishing	2017	1008-1017
448	R Thirumalai	CE	Stabilization of black cotton soil using granite waste and quarry dust	International Research Journal of Engineering and Technology	2017	2395-0056

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