



School of Electrical and Communication
Department of Electronics and Communication Engineering
Faculty Publication Details During the Assessment Period
Academic Year 2021-22

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus/WoS /Others
1	Dr. Arun C A	Hybrid PSO–SVM algorithm for Covid- 19 screening and quantification	Jun-2022	Article	International Journal of Information Technology (Singapore)	10.1007/s41870-021-00856-y	14 (4)	Springer Science and Business Media B.V.	Scopus
2	Mr. Srinath R	Epilepsy disorder detection and diagnosis using empirical mode decomposition and deep learning architecture	May-2022	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.6903	12 (24)	Royal Society of Chemistry	WoS
3	Dr. Kavitha T	Performance improvement on spectral efficiency and peak to average power reduction for 5G system	May-2022	Article	Indonesian Journal of Electrical Engineering and Computer Science	10.11591/ijeecs.v26.i2.pp888-894	2393	American Institute of Physics Inc.	Scopus
4	Dr. Shiyamala S	Autonomous object recognition and collision avoidance for micro aerial vehicles with effective and cost-efficient sensor	May-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0074162	34 (11)	John Wiley and Sons Ltd	WoS



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5	Dr. Suresh P	Investigation of the one-step electrochemical deposition of graphene oxide-doped poly(3,4-ethylenedioxythiophene)-polyphenol oxidase as a dopamine sensor	May-2022	Article	RSC Advances	10.1039/d2ra00791f	35 (7)	John Wiley and Sons Ltd	WoS
6	Dr. Aathmanesan T	Gain improvement of THz antenna using semicircular slot and modified ground plane	May-2022	Article	International Journal of Communication Systems	10.1002/dac.5103	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
7	Dr. Thenappan S	Intrusion Detection Techniques Based Secured Data Sharing System for Cloud Computing Using MSVM	May-2022	Conference paper	Proceedings of the 2022 9th International Conference on Computing for Sustainable Global Development, INDIACom 2022	10.23919/INDIACom54597.2022.9763138	26 (2)	Institute of Advanced Engineering and Science	Scopus
8	Dr. Kavitha T	An improvement of communication stability on underwater sensor network using	Mar-2022	Article	International Journal of System Assurance	10.1007/s13198-021-01593-y	124 (2)	Springer	Scopus



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		balanced energy efficient joining distance matrix			Engineering and Management				
9	Dr. Subitha D	Smart health assist for elder people using IoT	Apr-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0072919	2405	American Institute of Physics Inc.	Scopus
10	Mr. Manimaraboopathy M	Realization of all-optical JK flipflop in mid-IR wavelengths using triple-core photonic quasi-crystal fiber	Mar-2022	Article	Optical and Quantum Electronics	10.1007/s11082-021-03457-y	2405	American Institute of Physics Inc.	Scopus
11	Dr. Rahul S G	Fuzzy Logic-Based Load Frequency Control in an Island Hybrid Power System Model Using Artificial Bee Colony Optimization	Mar-2022	Article	Energies	10.3390/en15062199	2405	American Institute of Physics Inc.	Scopus
12	Dr. Sasikala G	Comprehensive Analysis and Design of Capacitive RF MEMS Switches for Reconfigurable Microstrip Patch Antenna	Mar-2022	Article	Wireless Personal Communications	10.1007/s11277-021-09154-z	2405	American Institute of Physics Inc.	Scopus
13	Dr.SanjayDebnath	A Comprehensive Survey of Emergency	May-2022	Review	Wireless Personal	10.1007/s11277-021-09411-1	2405	American Institute of	Scopus



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		Communication Network and Management			Communication s			Physics Inc.	
14	Dr. Suresh P	A novel EBG backed circular patch antenna for smart devices with multiband applications in smart cities	Mar-2022	Article	International Journal of System Assurance Engineering and Management	10.1007/s13198-021-01609-7	2405	American Institute of Physics Inc.	Scopus
15	Dr. Mazher Iqbal J L	Review of machine learning and deep learning mechanism in cyber-physical system	Mar-2022	Article	International Journal of Nonlinear Analysis and Applications	10.22075/IJNAA.2022.5540	37 (4)	Applied Computational Electromagnetics Society (ACES)	WoS
16	Dr. Esther Rani P	Mitigation of stretch type vampire attack using probabilistic variable fuzzy rough set in wireless sensor networks	Feb-2022	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.6665	81 (10)	Springer	Scopus
17	Dr.NALINI.N	IoT for precision in agricultural system	Apr-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0072865	22 (7)	Institute of Electrical and Electronics Engineers Inc.	WoS



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18	Dr. Lordwin Cecil Prabhaker M	Survey on Energy Harvesting CMOS Sensor Based Digital Camera	Mar-2022	Article	Optical Memory and Neural Networks (Information Optics)	10.3103/S1060992X22010039	19 (2)	Emerald Group Holdings Ltd.	Scopus
19	Dr. Sasikala G	Internet of Things (IoT) Enabled Air Quality Monitoring System for Conventional and UAV Application	Mar-2022	Article	Nature Environment and Pollution Technology	10.46488/NEPT.2022.v21i01.008	13	Springer	WoS
20	Dr. Balaji L	A Compact Planar Monopole UWB MIMO Antenna Design with Increased Isolation for Diversity Applications	Apr-2022	Article	Applied Computational Electromagnetic s Society Journal	10.13052/2022.ACES.J.370411	54 (3)	Springer	WoS
21	Dr. Anto Bennet M	Microcontroller PIC 16F877A standard based on solar cooker using PV— evacuated tubes with an extension of heat integrated energy system	Mar-2022	Article	Environmental Science and Pollution Research	10.1007/s11356-021-16863-2	15 (6)	MDPI	WoS
22	Dr. Suresh P	Comprehensive literature review on delay tolerant network (DTN)	Mar-2022	Article	International Journal of System Assurance	10.1007/s13198-022-01632-2	123 (1)	Springer	Scopus



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		framework for improving the efficiency of internet connection in rural regions of Malaysia			Engineering and Management				
23	Dr. Saravanan M	Design and Development of Substrate Integrated Waveguide Based Filtenna for X Band Application	Mar-2022	Article	Applied Computational Electromagnetic s Society Journal	10.13052/2022.ACES.J.370307	13	Springer	WoS
24	Dr. Kanmani Ruby E D	HETA: end-to-end delay analysis of enhanced centralized clustering protocol for wireless sensor networks	Mar-2022	Article	International Journal of System Assurance Engineering and Management	10.1007/s13198-021-01214-8	13 (1)	Semnan University, Center of Excellence in Nonlinear Analysis and Applications	WoS
25	Dr. Aloy Anuja Mary G	Detection of sickle cell anemia using SVM classifier	Apr-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0074138	31 (1)	Pleiades journals	WoS
26	Dr. Aloy Anuja Mary G	Segmentation of breast cancer using fuzzy C means and classification by SVM based on LBP features	Apr-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0072671	21 (1)	Technoscience Publications	Scopus



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27	Dr. Jana S	Diagnosis of COVID-19 using 3D CT scans and vaccination for COVID-19	Mar-2022	Article	World Journal of Engineering	10.1108/WJE-03-2021-0161	29 (11)	Springer Science and Business Media Deutschland GmbH	Scopus
28	Dr. Subitha D	Slotted square microstrip patch antenna for 5G communication at 28 GHz with improved BW and gain	Apr-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0072473	13	Springer	WoS
29	Dr. Suresh P	Improved performance on seizure detection in an automated electroencephalogram signal under evolution by extracting entropy feature	Apr-2022	Article	Multimedia Tools and Applications	10.1007/s11042-021-11069-7	37 (3)	Applied Computational Electromagnetics Society (ACES)	WoS
30	Mr. Mutharasan A	Fault detection and power quality analysis of wind turbine system using integrated systems	Mar-2022	Article	International Journal of Power Electronics and Drive Systems	10.11591/ijpeds.v13.i1.pp576-585	13	Springer	Scopus
31	Dr. Sathyasri B	Early diagnosis and monitoring of sleep apnea using	Apr-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0072690	13 (1)	Institute of Advanced Engineerin	Scopus



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		desaturation index and respiration percentage						g and Science	
32	Dr. Mohanraj J	Deep Learning Based Data Augmentation and Behavior Prediction of Photonic Crystal Fiber Temperature Sensor	Apr-2022	Article	IEEE Sensors Journal	10.1109/JSEN.2022.3150240	13	Springer	WoS
33	Dr. Suresh P	Enhanced disruption tolerant network (DTN) framework for improving network efficiency in rural areas	Mar-2022	Article	International Journal of System Assurance Engineering and Management	10.1007/s13198-021-01595-w	34 (4)	John Wiley and Sons Ltd	Scopus
34	Dr.DAVID NEELS POKKUMAR.D	Improving the Power Consumption of Sensor Networks using Optimization Technique for Sleep Scheduling Mechanism	Jan-2022	Conference paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10029222	122 (4)	Springer	Scopus
35	Dr. Herald Anantha Rufus N	A Cloud-Based Platform for Soybean Plant Disease Classification Using Archimedes Optimization Based	Feb-2022	Article	Wireless Personal Communications	10.1007/s11277-021-09038-2	103 (1)	Springer	Scopus



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		Hybrid Deep Learning Model							
36	SUBHA.K.J	An Effective Method for Distinguishing Breathing and Infant Sleep Apnea Detection and Prevention using Python	Jan-2022	Conference paper	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	10.1109/ICCPC55978.2022.10072223	1	Taylor's University	Scopus
37	Mr. Srinath R	Classification of Diabetic Disorder using Machine Learning Approaches	Jan-2022	Conference paper	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	10.1109/ICCPC55978.2022.10072213	31 (2)	World Scientific	WoS
38	Dr. Harikrishna Paik	A Single Layer Frequency Selective Surface based EM Shield for 4G and 5G Communications	Jan-2022	Conference paper	2022 International Conference on Smart Generation Computing, Communication and Networking,	10.1109/SMARTGENCON56628.2022.10084324	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					SMART GENCON 2022				
39	Dr. Oudaya Coumar S	Ultra-miniaturized DGS-based Meander Line Multi-band Filters with/without Resonators for Satellite Band Applications	Feb-2022	Article	Journal of The Institution of Engineers (India): Series B	10.1007/s40031-021-00625-2	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
40	Dr.Arun MR	Deep Learning-Based Automatic Glaucoma Assessment Using Fundus Images	Jan-2022	Conference paper	2022 1st International Conference on Computer, Power and Communication s, ICCPC 2022 - Proceedings	10.1109/ICCPC55978.2022.10072152	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
41	Dr. Subitha D	Contactless Fog based Handwash Kit for COVID Safety	Jan-2022	Conference paper	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022	10.1109/I4C57141.2022.10057849	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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42	Dr. Harikrishna Paik	A Wideband Frequency Selective Surface EM Absorber using Lossy Material for X and Ku band Applications	Jan-2022	Conference paper	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022	10.1109/SMART GENCON56628.2022.10084160	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
43	Dr. Aloy Anuja Mary G	Student Activity Monitoring in Online Lectures Using Computer Vision and Internet of Things	Jan-2022	Conference paper	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022	10.1109/C2I456876.2022.10051421	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
44	Dr. Kanimozhi T	A Comprehensive Survey of Intrusion Detection Systems using Advanced Technologies	Jan-2022	Conference paper	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings	10.1109/ICECA55336.2022.10009488	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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45	Dr. Sasikala G	STRUCTURAL AND MATERIAL BASED COMPREHENSIVE PERFORMANCE ANALYSIS ON SHUNT CAPACITIVE RF MEMS SWITCH	Feb-2022	Article	Journal of Engineering Science and Technology	-	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
46	Dr. Rahul S G	Conductive Nanomaterials for Printed and Flexible Electronics Application	Jan-2022	Book chapter	Nanotechnology in Electronics: Materials, Properties, Devices	10.1002/9783527824229.ch7	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
47	Dr. Kanmani Pappa C	Design of 32 Channel Wavelength Division Multiplexing Optical Communication System	Jan-2022	Conference paper	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022	10.1109/ICKEC556523.2022.10059979	NA	wiley	Scopus
48	Dr.JOEL DEVADASS DANIEL.D.J	AI Techniques for Efficient Healthcare Systems in ECG Wave Based Cardiac Disease Detection by High Performance Modelling	Jan-2022	Article	International Journal of Communication Networks and Information Security	-	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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49	Dr. Herald Anantha Rufus N	Evolutionary Optimization with Deep Transfer Learning for Content based Image Retrieval in Cloud Environment	Jan-2022	Conference paper	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	10.1109/ICAISS55157.2022.10011122	3	Auricle Global Society of Education and Research	Scopus
50	Dr. Sathyasri B	Intruder Alert System in Smart Home based on IoT Technique	Jan-2022	Conference paper	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings	10.1109/ICPECTS56089.2022.10047243	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
51	Dr.VELMURUGA N.V	Comparative Analysis on Sediment Classification using Convolutional Neural Network	Jan-2022	Conference paper	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings	10.1109/ICPECTS56089.2022.10046986	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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52	Ms. Jenila R	Design of High Performance Parallel Multiplication using FPGA	Jan-2022	Conference paper	Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022	10.1109/CCET56606.2022.10080079	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
53	Dr. Vinodh Kumar N	Numerical Study on SEU Performance of Strain Engineered 6T-SRAM Cells	Jan-2022	Article	Journal of Circuits, Systems and Computers	10.1142/S0218126622500347	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
54	Dr. Jana S	Categorization and Grading of Spices Using Deep Learning	Jan-2022	Conference paper	IEEE International Conference on Data Science and Information System, ICDSIS 2022	10.1109/ICDSIS555133.2022.9915893	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
55	Dr.Dasari Naga Vinod	Correlation and Causation in the Perspective of COVID-19: An Empirical Study on Canonical Correlation Analysis	Jan-2022	Conference paper	2022 International Conference on Smart Applications, Communication s and	10.1109/SmartNets55823.2022.9993985	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Networking, SmartNets 2022				
56	Dr. Jana S	A Deep Learning-based Approach for Surface Crack Detection using Convolutional Neural Network	Jan-2022	Conference paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECA A55415.2022.9936270	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
57	Ms. Jenila R	Design and Implementation of Finite State Machine based Smart Parking Meter	Jan-2022	Conference paper	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings	10.1109/ICECA 55336.2022.10009377	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
58	Dr.SARAVANAN. S	Computational and Mathematical Methods in Medicine Glioma Brain Tumor Detection and Classification Using Convolutional Neural Network	Jan-2022	Article	Computational and Mathematical Methods in Medicine	10.1155/2022/4380901	2022	Hindawi Limited	Scopus



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59	Ms. Mahalakshmi V	An Innovative Sensing Machine Learning Technique to Detect Credit Card Frauds in Wireless Communications	Jan-2022	Article	Wireless Communication s and Mobile Computing	10.1155/2022/2439205	2022	Hindawi Limited	WoS
60	Dr. Anto Bennet M	Certain Investigation on Improved Cluster Protocol with Trust security for Wireless Sensor Networks	Jan-2022	Article	International Journal of Electrical and Electronics Research	10.37391/ijeer.100447	10 (4)	Forex Publication	Scopus
61	Dr. Suresh P	Renewable energy adoption in third world countries	Jan-2022	Article	International Journal of Engineering Systems Modelling and Simulation	10.1504/ijesms.2022.126303	13 (4)	Inderscience Publishers	WoS
62	Dr. Sreelakshmy R	Patient health monitoring system using smart IoT devices for medical emergency services	Jan-2022	Conference paper	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	10.1109/ICSES55317.2022.9914385	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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63	Dr. Harikrishna Paik	A Printed Antenna with Jerusalem Cross slot for S and C band Radar Applications	Jan-2022	Conference paper	2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022	10.1109/ASIANCON55314.2022.9908978	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
64	Mr. Venkataramanai ah B	Efficient Prediction of Heart Diseases by using Machine Learning Classifiers	Jan-2022	Conference paper	Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022	10.1109/ICTACS56270.2022.9988582	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
65	Ms. Muthumari M	Design and Implementation of Remote Health Monitoring System and Application for Priority Recognition Using Machine Learning	Jan-2022	Conference paper	IEEE International Conference on Data Science and Information System, ICDSIS 2022	10.1109/ICDSIS55133.2022.9915874	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
66	Dr.NIRMAL JOTHI.J	AI Based Humanoid Chatbot for Medical Application	Jan-2022	Conference paper	3rd International Conference on Smart Electronics and Communication,	10.1109/ICOSE54921.2022.9951910	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					ICOSEC 2022 - Proceedings				
67	Dr. Harikrishna Paik	Performance Analysis of a Single Layer X-Band Frequency Selective Surface Based Spatial Filter Implementing Half Jerusalem Cross Slot	Jan-2022	Article	Progress in Electromagnetic s Research Letters	10.2528/PIERL2 2091602	108	Electroma gnetics Academy	WoS
68	Dr. Sasikala G	Low voltage quasi floating gate current mirror with improved output impedance	Jan-2022	Article	International Journal of Public Sector Performance Management	10.1504/ijpspm .2022.126404	10 (4)	Inderscien ce Publishers	Scopus
69	Mr.Mohan Sai Kumar CH	Energy Enhancement and Optimization of WSN using Firefly Algorithm and Deep Learning	Jan-2022	Conference paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECA A55415.2022.9 936146	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
70	Dr. Sasikala G	IoT based Water Level Monitoring and Management in Reservoir	Jan-2022	Conference paper	3rd International Conference on Electronics and Sustainable Communication	10.1109/ICESC 54411.2022.98 85714	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Systems, ICESC 2022 - Proceedings				
71	Mr. Pandiyarajan M	Medical Image Classification for Disease Prediction with the Aid of Deep Learning Approaches	Jan-2022	Conference paper	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823417	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
72	Mr.Imran Javeed S	DNA Sequence Classification with Improved Performance of Supervised Classifiers using Nature Inspired Algorithms	Jan-2022	Conference paper	2022 2nd International Conference on Intelligent Technologies, CONIT 2022	10.1109/CONIT55038.2022.9848025	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
73	Dr. Vinodh Kumar N	Performance Analysis of FinFET based Ternary Inverter	Jan-2022	Conference paper	2022 IEEE International Conference on Nanoelectronics , Nanophotonics, Nanomaterials,	10.1109/5NANO53044.2022.9828879	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Nanobioscience and Nanotechnology , 5NANO 2022				
74	Dr. Rahul S G	Curing Free, Silver Nano Ink Based Inkjet Printed Fabrics for Bio-Medical Applications	Jan-2022	Conference paper	2022 IEEE International Conference on Nanoelectronics , Nanophotonics, Nanomaterials, Nanobioscience and Nanotechnology , 5NANO 2022	10.1109/5NANO 53044.2022.9828925	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
75	Dr. Anto Bennet M	Optimization of Energy in Wireless Sensor Network Using Leach Protocol	Jan-2022	Conference paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES 54183.2022.9835971	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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76	Ms. Ambika Bhuvaneswari C	Data Augmentation Model for Audio Signal Extraction	Jan-2022	Conference paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885539	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
77	Dr. Britto Pari J	An Optimized Pipeline Based Blind Source Separation Architecture for FPGA Applications	Jan-2022	Article	International Journal of Electrical and Electronics Research	10.37391/IJEER.100336	10 (3)	Forex Publication	Scopus
78	Dr. Selwin Mich Priyadharson A	Regional Language Speech Recognition from Bone-Conducted Speech Signals through Different Deep Learning Architectures	Jan-2022	Article	Computational Intelligence and Neuroscience	10.1155/2022/4473952	2022	Hindawi Limited	WoS
79	Dr. Esther Rani P	Simulation and Investigations of I-shaped Patch Antenna with Induced SIW and Slit for S and C Bands Radar Applications	Jan-2022	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-2130-8_3	461	Springer Science and Business Media Deutschland GmbH	Scopus



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80	Mr. Farithkhan A	Optimized artificial neural network assisted trade-off between transmission and delay in LTE networks	Jan-2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2021.10.471	56	Elsevier Ltd	WoS
81	Dr. Harikrishna Paik	A Compact Frequency Selective Surface based X band Spatial Bandpass Filter Realization	Jan-2022	Conference paper	2022 3rd International Conference for Emerging Technology, INCET 2022	10.1109/INCET54531.2022.9824774	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
82	Dr. Bharathi C R	Design and Analysis of Printed Planar Compact Broadband Dual Frequency Antenna in FR4 Substrate for Signal Processing Applications	Jan-2022	Conference paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885663	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
83	Dr. Jana S	Detection and Classification of MRI Brain Tumors using S3-DRLSTM Based Deep Learning Model	Jan-2022	Article	International Journal of Electrical and Electronics Research	10.37391/IJEER.100331	10 (3)	Forex Publication	Scopus



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84	Dr. Shiyamala S	Investigation On GFDM System For 5G Applications Over Fading Channels	Jan-2022	Article	Journal of Engineering Science and Technology Review	10.25103/jestr.153.01	15 (3)	International Hellenic University - School of Science	Scopus
85	Ms. Muthumari M	A Novel Model for Emotion Detection with Multilayer Perceptron Neural Network	Jan-2022	Conference paper	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	10.1109/ICICCS53718.2022.9788269	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
86	Dr. Rahul S G	Design of Microstrip Patch Antenna for Wearable Extravasation Detection Device for Intravenous (IV) Therapy	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785068	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
87	Dr. Rahul S G	SRR Loaded Dual Band Patch Antenna Array For Multi User Communication	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication	10.1109/ICACCS54159.2022.9785090	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Systems, ICACCS 2022				
88	Dr. Sasikala G	A New Paradigm in Cultivation Observing System Using NodeMCU and Blynk Application	Jan-2022	Book chapter	Lecture Notes on Data Engineering and Communication s Technologies	10.1007/978-981-19-2069-1_30	126	Springer Science and Business Media Deutschland GmbH	Scopus
89	Dr. Sathyasri B	Automatic Detecftion of White Blood Cancer From Blood Cells Using Novel Machine Lernerig Techniques	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785023	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
90	Dr. Subitha D	Development of Rogers RT/Duroid 5880 Substrate-Based MIMO Antenna Array for Automotive Radar Applications	Jan-2022	Article	Advances in Materials Science and Engineering	10.1155/2022/4319549	2022	Hindawi Limited	WoS



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91	Dr. Subitha D	Smart Access Control System For Covid Safety Smart Access Control System during Covid	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACC S54159.2022.9785030	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
92	Dr. Subitha D	Wavelet Based Speech Enhancement Algorithm for Hearing Aid Application	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACC S54159.2022.9785315	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
93	Dr. Subitha D	Design and Development Of Graphical User Interface To Monitor and Control a Bioreactor: Design and Development of GUI for Bioreactor	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACC S54159.2022.9785350	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
94	Ms. Srividhya R	Deep Learning based Telugu Video Text Detection using Video Coding Over Digital Transmission	Jan-2022	Conference paper	2022 6th International Conference on Trends in Electronics and	10.1109/ICOEI53556.2022.9776922	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Informatics, ICOEI 2022 - Proceedings				
95	Mr. Ezilarasan M R	Women Safety Maneuver in Real Time Scenarios	Jan-2022	Conference paper	8th International Conference on Smart Structures and Systems, ICSSS 2022	10.1109/ICSSS 54381.2022.9782207	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
96	Mr. Ramasamy R	Energy-Efficient ACO-DA Routing Protocol Based on IoEABC-PSO Clustering in WSN	Jan-2022	Book chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-9416-5_11	114	Springer Science and Business Media Deutschland GmbH	Scopus
97	Dr. Kavitha T	Reconfigurable Four Element Multiband MIMO Antenna for UWB Communications	Jan-2022	Conference paper	International Conference on Emerging Trends in Engineering and Technology, ICETET	10.1109/ICETET-SIP-2254415.2022.9791592	NA	IEEE Computer Society	Scopus



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98	Dr. Esther Rani P	Behavioral Analysis of Students by Integrated Radial Curvature and Facial Action Coding System using DCNN	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785056	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
99	Dr. Esther Rani P	An Analysis of Electro Encephalo Gram Recording Systems and Signal Processing Techniques	Jan-2022	Conference paper	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2022	10.1109/ICDCECE53908.2022.9793190	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
100	Dr. Sathyasri B	Cumulative Sum Algorithm for Threshold Optimization in Cognitive Radio Networks	Jan-2022	Conference paper	8th International Conference on Smart Structures and Systems, ICSSS 2022	10.1109/ICSSS54381.2022.9782243	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
101	Mr. Balaji D	Performance analysis of ICA algorithm for Blind Source Separation	Jan-2022	Conference paper	8th International Conference on Smart Structures and	10.1109/ICSSS54381.2022.9782254	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Systems, ICSSS 2022				
102	Dr. Aloy Anuja Mary G	Experimental Analysis Using USRP for Novel Wavelet-Based Spectrum Sensing for 2.2 GHZ Band Communication Using LabVIEW	Jan-2022	Article	Journal of Nanomaterials	10.1155/2022/4947224	2022	Hindawi Limited	WoS
103	Dr. Subitha D	A Comparative Computational Analysis of VGG16 and VGG19 in Prediction of Turmeric plant Disease	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9784970	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
104	Dr. Jana S	Diabetes Prediction Using Machine Learning Algorithms	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785073	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
105	Dr. Anto Bennet M	Design of Dual-Stack, Tunneling, and Translation	Jan-2022	Conference paper	Smart Innovation, Systems and Technologies	10.1007/978-981-19-0011-2_21	289	Springer Science and Business	Scopus



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		Approaches for Blockchain-IPv6						Media Deutschland GmbH	
106	Dr. Anto Bennet M	Channel Estimation for OFDM Systems Using MMSE and LS Algorithms	Jan-2022	Conference paper	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings	10.1109/ICOEI53556.2022.9777139	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
107	Dr. Rahul S G	Slotted. Dual Band 27/37 GHz MIMO Antenna for Millimeter Wave Applications	Jan-2022	Conference paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785205	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
108	Dr. Kavitha T	Optimizing QoS-Based Clustering Using a Multi-Hop with Single Cluster Communication for Efficient Packet Routing	Jan-2022	Article	International Journal of Electrical and Electronics Research	10.37391/IJEER.100203	10 (2)	Forex Publication	Scopus



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109	Dr. Suresh P	Editorial	Jan-2022	Editorial	International Journal of Engineering Systems Modelling and Simulation	-	4,5	Inderscience Publishers	Scopus
110	Dr. Aloy Anuja Mary G	Design of Field to Fork Framework: Integrating IoT into Traditional Farming	Jan-2022	Conference paper	1st IEEE International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2022	10.1109/ICSTS N53084.2022.9761330	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
111	Dr. Mohanraj J	Quantum Regression Model for the Prediction of Surface Plasmon Resonance Sensor Behaviour	Jan-2022	Conference paper	2022 Workshop on Recent Advances in Photonics, WRAP 2022	10.1109/WRAP54064.2022.9758179	NA	Institute of Electrical and Electronics Engineers Inc.	WoS
112	Mr.Vishnu Kumar S	Low Power Enhanced Trivium Implementation Using Parallel-Pipeline Technique	Jan-2022	Conference paper	1st IEEE International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2022	10.1109/ICSTS N53084.2022.9761343	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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113	Dr. Shailendra Kumar Mishra	Stripline Fed Slotted Edge Balanced Antipodal Vivaldi Antenna for Advanced Radar Applications	Jan-2022	Article	Progress in Electromagnetic s Research Letters	10.2528/PIERL2 2012806	103	Electroma gnetics Academy	WoS
114	Dr. Valarmathi R S	Modified Spotted Hyena Optimizer Based Leukemia Microscopic Images Classification	Jan-2022	Conference paper	IFMBE Proceedings	10.1007/978-3-030-90724-2_13	86	Springer Science and Business Media Deutschlan d GmbH	Scopus
115	Mr. Aanandha Saravanan K	Diagnosis of cardiovascular disorder by CT images using Machine learning technique	Jan-2022	Conference paper	2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 - Proceedings	10.1109/IC3IOT 53935.2022.97 68020	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
116	Ms. Mahalakshmi V	Tipple Band S-Type Antenna with Meander Line for ISM Band Application	Jan-2022	Conference paper	1st IEEE International Conference on Smart Technologies and Systems for Next Generation	10.1109/ICSTS N53084.2022.9 761295	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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					Computing, ICSTN 2022				
117	Dr. Balaji L	Design of Tri-Band Textile Fractal Antenna Using Three Different Substrate Materials for Wi-Fi Applications	Jan-2022	Article	Progress In Electromagnetic s Research C	10.2528/PIERC 22020402	120	Electroma gnetics Academy	Scopus
118	Dr. Kavitha T	Wireless Underwater Communication: A Networking Approach for Estimating First Order Lag in Routing Data	Jan-2022	Conference paper	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEAR S53579.2022.9 751824	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
119	Mr. Aanandha Saravanan K	Log System for Mass Crowd and Live Tracking Using Radio Frequency Based on IoT	Jan-2022	Conference paper	2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 - Proceedings	10.1109/IC3IOT 53935.2022.97 67908	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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120	Ms. Srividhya R	Design of Ultra Wide Band Notch Antenna for IoT Applications	Jan-2022	Conference paper	2022 IEEE Delhi Section Conference, DELCON 2022	10.1109/DELCON54057.2022.9753502	107 (1)	Institute of Physics	Scopus
121	Dr. Sridevi S	Phase Changing Material based Multi/Demultiplexer with Photonic Crystal Waveguide Couplers for Optical Communication	Jan-2022	Conference paper	2022 Workshop on Recent Advances in Photonics, WRAP 2022	10.1109/WRAP54064.2022.9758380	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
122	Dr. Selwin Mich Priyadharson A	Crop Yield Prediction Using Machine Learning Approaches on a Wide Spectrum	Jan-2022	Article	Computers, Materials and Continua	10.32604/cmc.2022.027178	NA	Institute of Electrical and Electronics Engineers Inc.	WoS
123	Dr. Kanmani Pappa C	A Smart and Precision Agriculture System Using DHT11 Plus FPGA	Jan-2022	Conference paper	Smart Innovation, Systems and Technologies	10.1007/978-981-16-7996-4_42	72 (3)	Tech Science Press	WoS
124	Dr. Sridevi S	Hybrid transfer learning model for identification of plant species	Jan-2022	Conference paper	2022 International Conference on Innovative Trends in Information Technology, ICITIIT 2022	10.1109/ICITIIT54346.2022.9744222	52	Elsevier Ltd	Scopus



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125	Dr. Kalpana Devi P	Design and Development of the Efficient RF Energy Harvesting System	Jan-2022	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-7657-4_42	269	Springer Science and Business Media Deutschland GmbH	WoS
126	Dr. Shailendra Kumar Mishra	A CPW Fed Printed Antenna for Gain and Directivity Improvement using Frequency Selective Surface Reflector	Jan-2022	Conference paper	2022 International Conference for Advancement in Technology, ICONAT 2022	10.1109/ICONAT53423.2022.9726118	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
127	Dr. Sridevi S	Brain Tumor Recognition based on Classical to Quantum Transfer Learning	Jan-2022	Conference paper	2022 International Conference on Innovative Trends in Information Technology, ICITIIT 2022	10.1109/ICITIIT54346.2022.9744220	351	Springer Science and Business Media Deutschland GmbH	WoS
128	Ms. Srividhya R	Energy Management System for Small-Scale Hybrid Wind Solar Battery-Based Microgrid	Jan-2022	Conference paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-86165-0_42	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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129	Dr. Rahul S G	Microwaves in Healthcare Systems for Cancer Detection	Jan-2022	Conference paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-7282-8_58	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
130	Dr.Bakiya A	Classification of Myopathy and Amyotrophic Lateral Sclerosis Electromyograms Using Bat Algorithm and Deep Neural Networks	Jan-2022	Article	Behavioural Neurology	10.1155/2022/3517872	NA	Springer Science and Business Media Deutschland GmbH	Scopus
131	Dr. Kanimozhi T	A Robust Adaptive Intrusion Detection System using Hybrid Deep Learning	Jan-2022	Conference paper	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	10.1109/ICCCI54379.2022.9741046	NA	Springer Science and Business Media Deutschland GmbH	Scopus
132	Mr.Mohan Sai Kumar CH	Enhancing the Performance of Classifiers in Detecting Abnormalities in Medical Data using Nature Inspired	Jan-2022	Conference paper	2022 International Conference for Advancement in Technology, ICONAT 2022	10.1109/ICONAT53423.2022.9726096	2022	Hindawi Limited	WoS



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		Optimization Techniques							
133	Dr. Mazher Iqbal J L	Speech Enhancement Techniques in the Digital, Analog, and Hybrid Domains	Jan-2022	Conference paper	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	10.1109/ICCCI54379.2022.9740883	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
134	Dr. Rahul S G	Virtual Instrumentation System Design for a Secured Chemical Process Industry Automation	Jan-2022	Conference paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-7282-8_48	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
135	Dr. Kanimozhi T	Quantum Transfer Learning for Diagnosis of Diabetic Retinopathy	Jan-2022	Conference paper	2022 International Conference on Innovative Trends in Information Technology, ICITIIT 2022	10.1109/ICITIIT54346.2022.9744184	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
136	Mr.Mohan Sai Kumar CH	High Performance CPW Fed Printed Antenna with Double Layered Frequency Selective Surface	Jan-2022	Article	Progress in Electromagnetic s Research Letters	10.2528/PIERL21101703	NA	Springer Science and Business Media	Scopus



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		Reflector for Bandwidth and Gain Improvement						Deutschland GmbH	
137	Dr. Rahul S G	Virtual Instrumentation Based Graphical User Interface for Fermentation Bioprocess Monitoring Using LabVIEW	Jan-2022	Conference paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-7282-8_59	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
138	Mr. Sambath Kumar K	An automatic brain tumor segmentation using modified inception module based U-Net model	Jan-2022	Article	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-211879	102	Electromagnetics Academy	WoS
139	Ms. Muthumari M	SMART AND MULTI-WAY ATTENDANCE TRACKING SYSTEM USING AN IMAGE-PROCESSING TECHNIQUE	Jan-2022	Conference paper	Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022	10.1109/ICSSIT53264.2022.9716349	NA	Springer Science and Business Media Deutschland GmbH	Scopus
140	Dr.UGANYA. G	A Novel Strategy for Waste Prediction Using Machine Learning Algorithm with IoT Based	Jan-2022	Article	Wireless Communications and Mobile Computing	10.1155/2022/2063372	42 (3)	IOS Press BV	WoS



S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Intelligent Waste Management System							
141	Dr. Balaji L	On Performance Improvement of Wireless Push Systems Via Smart Antennas	Jan-2022	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8554-5_2	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
142	Dr. Kanimozhi T	Quanvolution Neural Network to Recognize arrhythmia from 2D scaleogram features of ECG signals	Jan-2022	Conference paper	2022 International Conference on Innovative Trends in Information Technology, ICITIIT 2022	10.1109/ICITIIT54346.2022.9744224	2022	Hindawi Limited	WoS
143	Dr. Vinodh Kumar N	Performance Analysis of Gray to Binary Code Converter Using GDI Techniques	Jan-2022	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-6407-6_38	839	Springer Science and Business Media Deutschland GmbH	Scopus
144	Dr. Mazher Iqbal J L	Load - aware intelligent multiprocessor scheduler for time-critical cyber-physical system applications	Jan-2022	Article	Computers and Electrical Engineering	10.1016/j.compeleceng.2021.107613	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus



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145	Mr. Dileepan D	An Inverted L-Shaped ACS-fed Antenna with SRR for Bandwidth Enhancement Application	Jan-2022	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_95	269	Springer Science and Business Media Deutschland GmbH	WoS
146	Mr. Pandiyarajan M	Highly Secured Steganography Method for Image Communication using Random Byte Hiding and Confused & Diffused Encryption	Jan-2022	Book chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-3728-5_65	237	Springer Science and Business Media Deutschland GmbH	Scopus
147	Dr. Aloy Anuja Mary G	An Estimation of PCA Feature Extraction in EEG-based Emotion Prediction with Support Vector Machines	Jan-2022	Book chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-6289-8_53	97	Elsevier Ltd	WoS
148	Dr. Oudaya Coumar S	Miniaturized DGS based multi-band pass filters for satellite applications	Jan-2022	Article	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-02898-3	792	Springer Science and Business Media Deutschland GmbH	Scopus



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149	Mr.Vishnu Kumar S	Design and Implementation of Discrete Controller-Based Zeta Converter for Solar Power Applications	Jan-2022	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4943-1_7	75	Springer Science and Business Media Deutschland GmbH	Scopus
150	Mr. Prasanna R	Effect of ambient radiations energy on the thermomagnetism of some insulation materials for space applications	Jan-2022	Article	International Journal of Ambient Energy	10.1080/01430750.2020.1751283	90	Springer Science and Business Media Deutschland GmbH	Scopus
151	Dr.NANMARAN. R	Characterization of human prostasomes protein Clusterin (macromolecule)–a novel biomarker for male infertility diagnosis and prognosis	Jan-2022	Article	Journal of Biomolecular Structure and Dynamics	10.1080/07391102.2020.1852960	13 (1)	Springer Science and Business Media Deutschland GmbH	Scopus
152	Dr. Valarmathi R S	Soil Urea Analysis Using Mid-Infrared Spectroscopy and Machine Learning	Jan-2022	Article	Intelligent Automation and Soft Computing	10.32604/IASC.2022.022547	795	Springer Science and Business Media Deutschland GmbH	Scopus



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153	Mr.Vishnu Kumar S	Design of Boosted Multilevel DC-DC Converter for Solar Photovoltaic System	Jan-2022	Article	International Journal of Photoenergy	10.1155/2022/1648474	43 (1)	Taylor and Francis Ltd.	Scopus
154	Dr. Herald Anantha Rufus N	Brain Tumor Detection and Brain Stroke Diagnosis System Using CANFIS Classifier	Jan-2022	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-3-030-92604-5_32	40 (9)	Taylor and Francis Ltd.	Scopus
155	Ms. Mahalakshmi V	Application of Internet of Things on the Healthcare Field Using Convolutional Neural Network Processing	Jan-2022	Article	Journal of Healthcare Engineering	10.1155/2022/1892123	32 (3)	Tech Science Press	WoS
156	Dr. Jana S	Transfer learning based deep convolutional neural network model for pavement crack detection from images	Jan-2022	Article	International Journal of Nonlinear Analysis and Applications	10.22075/ijnaa.2021.24521.2762	2022	Hindawi Limited	WoS
157	Dr. Kalpana Devi P	An OAuth-Based Authentication System for IoT Networks Using LabVIEW	Jan-2022	Book chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-6605-6_46	NA	Springer Science and Business Media Deutschland GmbH	Scopus



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158	Dr. Natarajan S	A Compact Complementary Split Ring Resonator-Based Notch Design for Wireless Access for Vehicular Environment/WLAN/I TU Band Application	Jan-2022	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_39	364	Springer Science and Business Media Deutschland GmbH	Scopus
159	Dr. Kanmani Ruby E D	Wireless hart stack using multiprocessor technique with laxity algorithm	Dec-2021	Article	Bulletin of Electrical Engineering and Informatics	10.11591/eei.v10i6.3250	2022	Hindawi Limited	WoS
160	Dr. Shiyamala S	Design and development of microarchitecture for dynamic IoT communication	Nov-2021	Article	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V69I11P201	13 (1)	Semnan University, Center of Excellence in Nonlinear Analysis and Applications	WoS
161	Dr. Sasikala G	Wind turbine fault monitoring system using MQTT	Oct-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/2040/1/012002	93	Springer Science and Business Media Deutschland GmbH	WoS



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162	Dr. Kavitha T	Adaptive Time Difference of Time of Arrival in Wireless Sensor Network Routing for Enhancing Quality of Service	Dec-2021	Article	Instrumentation Measure Metrologie	10.18280/i2m.200602	792	Springer Science and Business Media Deutschland GmbH	Scopus
163	Mr. Mutharasan A	Fatigue mitigation of wind turbine system using multiple point model predictive control	Dec-2021	Article	International Journal of Power Electronics and Drive Systems	10.11591/ijped.v12.i4.pp2261-2272	8	Frontiers Media S.A.	Scopus
164	Dr. Britto Pari J	Decisive structures for multirate FIR filter incorporating retiming and pipelining schemes	Oct-2021	Article	Circuit World	10.1108/CW-05-2020-0094	10 (6)	Institute of Advanced Engineering and Science	Scopus
165	Dr.NANMARAN. R	Identification and Structure Prediction of Human Septin-4 as a Biomarker for Diagnosis of Asthenozoospermic Infertile Patients—Critical Finding Toward Personalized Medicine	Dec-2021	Article	Frontiers in Medicine	10.3389/fmed.2021.723019	20 (6)	International Information and Engineering Technology Association	Scopus



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166	Dr. Selwin Mich Priyadharson A	Exploration of machine learning approaches for paddy yield prediction in eastern part of Tamilnadu	Oct-2021	Article	Agronomy	10.3390/agronomy11102068	12 (4)	Institute of Advanced Engineering and Science	Scopus
167	Ms. Muthumari M	Identifying Lethal Effects and Risk Level Using an Improved Classification Technique	Sep-2021	Conference paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544708	69 (11)	Seventh Sense Research Group	Scopus
168	Dr. Suresh P	Modified minkowski fractal multiband antenna with circular-shaped split-ring resonator for wireless applications	Sep-2021	Article	Measurement: Journal of the International Measurement Confederation	10.1016/j.measurement.2021.109766	2040 (1)	IOP Publishing Ltd	Scopus
169	Mr. Aswath S	An Empirical Review on Image Dehazing Techniques for Change Detection of Land Cover	Aug-2021	Conference paper	2021 Asian Conference on Innovation in Technology, ASIANCON 2021	10.1109/ASIANCON51346.2021.9544917	47 (4)	Emerald Group Holdings Ltd.	Scopus
170	Dr. Subitha D	An IoT Based Safe Assembly Point Alert System	Jul-2021	Conference paper	Journal of Physics:	10.1088/1742-6596/1964/7/072013	11 (10)	MDPI	Scopus



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					Conference Series				
171	Dr. Esther Rani P	EEG signal de-noising based on the Fejer-Korovkin wavelet filter	Sep-2021	Article	Journal of Theoretical and Applied Information Technology	-	2027 (1)	IOP Publishing Ltd	Scopus
172	Ms. Srividhya R	Dual Polarized Circular Ring Monopole Antenna with High Isolation and Enhanced Bandwidth	Jul-2021	Article	International Journal of Microwave and Optical Technology	-	99(17)	Little Lion Scientific	Scopus
173	Dr. Kavitha T	Effective dc-link voltage variation for renewable power application	Sep-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/2027/1/012018	NA	IEEE Computer Society	Scopus
174	Dr. Subitha D	Android Application and SMS Alert Based Garbage Monitoring and Navigation System	Jul-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/1964/6/062064	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
175	Ms. Divyabharathi P	Automated Detection of Lung Cancer Based on Neuro Fuzzy Technique	Aug-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/1979/1/012021	182	Elsevier B.V.	WoS



S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
176	Dr. Sridevi S	Design of all-optical Chalcogenide T-flip flop using Photonic Crystal Waveguide	Sep-2021	Conference paper	Proceedings of the International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD	10.1109/NUSOD52207.2021.9541504	40 (2)	Tech Science Press	WoS
177	Ms. Divyabharathi P	Artificial Neural Network Model for Predicting Fraudulent Attacks	Aug-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/1979/1/012016	46 (3)	Springer	WoS
178	Dr. Saravanan M	Quantum-Dot Cellular Automata Based on Trainable Associative Memory Neural Network for Implementing Reconfigurable Logic Gates	Jul-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/1964/6/062032	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
179	Dr. Harikrishna Paik	A Frequency Reconfigurable Printed Antenna using PIN Diode for Mobile Terminal Application	Aug-2021	Conference paper	2021 Asian Conference on Innovation in Technology, ASIANCON 2021	10.1109/ASIANCON51346.2021.9545076	NA	IEEE	Scopus
180	Dr. Britto Pari J	An optimized FPGA architecture for sleep level categorization	Jun-2021	Book chapter	Advancing the Investigation and Treatment	10.4018/978-1-7998-8018-9.ch012	NA	Elsevier	Scopus



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		using fuzzed utilized machine learning approach			of Sleep Disorders Using AI				
181	Dr. Mazher Iqbal J L	Efficient Speech Enhancement Using Recurrent Convolution Encoder and Decoder	Aug-2021	Article	Wireless Personal Communication s	10.1007/s11277-021-08313-6	119(3)	Springer	Scopus
182	Dr. Suresh P	Deep root memory optimized indexing methodology for image search engines	Sep-2021	Article	Computer Systems Science and Engineering	10.32604/CSSE.2022.018744	40(2)	Elseiver	Scopus
183	Dr. Sathyasri B	Automatic Number Plate Recognition System for Entry and Exit Management	Jul-2021	Conference paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489018	NA	IEEE	Scopus
184	Dr. Shiyamala S	Design and Performance of Charge-Plasma-Based Schottky –FET CMOS Circuit Ring Oscillator for High Density ICs	Aug-2021	Article	Silicon	10.1007/s12633-020-00581-4	2021	Springer	Scopus



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185	Dr. Sasikala G	Low power flipped voltage follower current mirror with improved input output impedances	Sep-2021	Article	Sadhana - Academy Proceedings in Engineering Sciences	10.1007/s12046-021-01665-6	2021	Springer	Scopus
186	Mr. Aanandha Saravanan K	An artificial intelligence-based quorum system for the improvement of the lifespan of sensor networks	Aug-2021	Article	IEEE Sensors Journal	10.1109/JSEN.2021.3080217	2021	IEEE	Scopus
187	Dr. Mazher Iqbal J L	Secure E-Health using Images Steganography	Jun-2021	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/1917/1/012016	16(2)	IOP Publishing Ltd	Scopus
188	Dr. Suresh P	A An Artificial Intelligence-Based Quorum System for the Improvement of the Lifespan of Sensor Networks Broadband Millimeter-Wave SIW Antenna for 5G Mobile Communication	Jun-2021	Conference paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452942	NA	NA	Scopus



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189	Dr. Subitha D	Performance Analysis of Matrix Inversion Algorithms for Massive MIMO Precoding under Rural and Urban Scenarios	Mar-2021	Conference paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS 51430.2021.9441724	NA	IEEE	Scopus
190	Dr. Harikrishna Paik	A Double Tuning Fork Shape Printed Antenna with Enhanced Gain and Efficiency for X-band Satellite Applications	Mar-2021	Article	International Journal of Microwave and Optical Technology	-	16(2)	IJMOT	Scopus
191	Dr. Suresh P	Electrochemically Deposited Porous Graphene–Polypyrrole–Polyphenol Oxidase for Dopamine Biosensor	Mar-2021	Article	Electroanalysis	10.1002/elan.202060400	33(3)	Analytical Sciences	Scopus
192	Dr. Suresh P	Field-programmable gate arrays in a low power vision system	Mar-2021	Article	Computers and Electrical Engineering	10.1016/j.comp eleceng.2021.106996		Elseiver	Scopus
193	Mr. Srinath R	Detection and classification of electroencephalogram signals for epilepsy disease	Jun-2021	Article	International Journal of Imaging Systems and Technology	10.1002/ima.22486	2018	Wiley	Scopus



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		using machine learning methods							
194	Dr. Anto Bennet M	Performance Metric System for Malicious URL Data using Revised Random Forest Algorithm	Apr-2021	Conference paper	Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418480		IEEE	Scopus
195	Dr. Suresh P	High Resolution Time-to-Digital Converter Design with Anti-PVT-Variation Mechanism	May-2021	Conference paper	2021 IEEE 4th International Conference on Electronics Technology, ICET 2021	10.1109/ICET51757.2021.9451146		IEEE	Scopus
196	Dr. Harikrishna Paik	A compact 1 × 4 microstrip antenna array for V-band downlink satellite applications	May-2021	Conference paper	2021 2nd International Conference for Emerging Technology, INCET 2021	10.1109/INCET51464.2021.9456390		IEEE	Scopus
197	Mr. Aswath S	Multiscale image segmentation using cascade MultiResUNet	May-2021	Conference paper	2021 2nd International Conference for Emerging	10.1109/INCET51464.2021.9456423		IEEE	Scopus



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		proposal masking convolutional network			Technology, INCET 2021				
198	Dr. Suresh P	A Multiband Substrate Integrated Waveguide Antenna for Ku-band and K-band Applications	Apr-2021	Conference paper	2021 6th International Conference for Convergence in Technology, I2CT 2021	10.1109/I2CT51068.2021.9418198		IEEE	Scopus
199	Dr.KAVITHA.P	Enhanced model reference adaptive control scheme for tracking control of magnetic levitation system	Mar-2021	Article	Energies	10.3390/en14051455		MDPI	Scopus
200	Dr. Rahul S G	Analysis of Baroreflex Function in Cardiovascular Variability Model	Jan-2021	Conference paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696983		IEEE	Scopus



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201	Dr. Rahul S G	Development of Virtual Instrumentation System for Industrial Power Quality Analysis	Jan-2021	Conference paper	Proceedings of the 2021 4th International Conference on Computing and Communication s Technologies, ICCCT 2021	10.1109/ICCCT53315.2021.9711836		IEEE	Scopus
202	Dr. Suresh P	Investigation on cyber-attacks against in-vehicle network	Feb-2021	Conference paper	Proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021	10.1109/ICEES51510.2021.9383720		IEEE	Scopus
203	Dr. Rahul S G	Soldier Strap for Health Monitoring and Tracking A Proposed Solution	Jan-2021	Conference paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696714		IEEE	Scopus



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204	Dr. Britto Pari J	Performance Analysis of Full Adder Circuit using Conventional and Hybrid Techniques	Jan-2021	Conference paper	Proceedings of the IEEE Madras Section International Conference 2021, MASCON 2021	10.1109/MASC ON51689.2021.9563407		IEEE	Scopus
205	Dr. Kanimozhi T	Classification of Protein sequences using hybrid Recurrent Deep Learning Models	Jan-2021	Conference paper	2021 IEEE International Conference on Technology, Research, and Innovation for Betterment of Society, TRIBES 2021	10.1109/TRIBES 52498.2021.9751666		IEEE	Scopus
206	Dr. Sasikala G	Optimal support vector machine and hybrid tracking model for behaviour recognition in highly dense crowd videos	Jan-2021	Article	Data Technologies and Applications	10.1108/DTA-01-2020-0019		Emerald Publishers	Scopus
207	Dr. Valliammai M	Realization of all-optical multiplexer-demultiplexer in mid-IR wavelengths using triple-core photonic quasi-crystal fiber	Feb-2021	Article	Optics Communications	10.1016/j.optcom.2020.126556	2021	Springer	Scopus



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208	Dr.NANMARAN. R	Role of zinc (Zn) in human reproduction: A journey from initial spermatogenesis to childbirth	Feb-2021	Review	International Journal of Molecular Sciences	10.3390/ijms22042188		MDPI	Scopus
209	Mr. Prasanna R	A Novel Graphene Conductive Ink Based Circular Patch Antenna for 2.4 GHz Application	Feb-2021	Article	Wireless Personal Communications	10.1007/s11277-020-07837-7	116(4)	Springer	Scopus
210	Dr. Rahul S G	Supervisory Virtual Instrumentation for Secured Chemical Process Plant Monitoring	Jan-2021	Conference paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696590		IEEE	Scopus
211	Mr. Prasanna R	Graphene Based Circular Shaped Micro Strip Patch Antenna Array for 2.45 GHz ISM Band Application	Feb-2021	Article	Wireless Personal Communications	10.1007/s11277-020-07751-y		Springer	Scopus



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212	Dr. Sathyasri B	Future Driver Assistant with Reconfigurable On-Board Diagnostics system	Jan-2021	Conference paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640737		IEEE	Scopus
213	Dr. Vinodh Kumar N	Performance enhancement of junctionless silicon nanotube FETs using gate and dielectric engineering	Feb-2021	Article	Journal of Computational Electronics	10.1007/s10825-020-01611-5		Springer	Scopus
214	Dr. Kanmani Pappa C	VLSI implementation of error detection and correction codes for space engineering	Feb-2021	Conference paper	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	10.1109/ICICV50876.2021.9388477		Conference Proceedings	Scopus



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215	Dr. Balaji L	Performance Analysis of Filter Based Multiuser Spread Spectrum over High Frequency Communication	Jan-2021	Conference paper	2021 4th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2021	10.1109/ICECCT52121.2021.9616848		IEEE	Scopus
216	Mr. Ramasamy R	A Compact UWB MIMO Antenna for IoT Applications	Jan-2021	Conference paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696938		IEEE	Scopus
217	Dr. Sathyasri B	Enhance packet transmission using improved channel assignment in wireless mess network	Feb-2021	Conference paper	Concurrency and Computation: Practice and Experience	10.1002/cpe.5357		Wiley	Scopus
218	Dr. Rahul S G	Model Based Cardiac Control System for the Left Heart Using LabView	Jan-2021	Conference paper	3rd IEEE International Virtual Conference on Innovations in Power and	10.1109/i-PACT52855.2021.9696473		IEEE	Scopus



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					Advanced Computing Technologies, i-PACT 2021				
219	Dr. Harikrishna Paik	A miniaturized fractal antenna with square ring slots for ultrawideband applications	Jan-2021	Article	Progress in Electromagnetic s Research Letters	10.2528/PIERL21070801	99	Electromagnetic Society	Scopus
220	Dr. Mazher Iqbal J L	Maximizing network lifetime in WSN using ant colony algorithm	Jan-2021	Article	Lecture Notes on Data Engineering and Communication s Technologies	10.1007/978-981-16-0965-7_1	66	Springer	Scopus
221	Mr.Vishnu Kumar S	Recent trends in wearable device technology for health state monitoring	Jan-2021	Book chapter	Handbook of Research on Innovations and Applications of AI, IoT, and Cognitive Technologies	10.4018/978-1-7998-6870-5.ch009		IGI Global	Scopus
222	Dr. Kanmani Ruby E D	Effects of Novel Material Field Effect Transistor for Heterogeneous Energy and Traffic-Aware Secure Applications	Jan-2021	Article	Advances in Materials Science and Engineering	10.1155/2021/9085854	2021	Wiley	Scopus



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223	Dr.UGANYA. G	Investigation and analysis of path evaluation for sustainable communication using vanet	Jan-2021	Article	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-0965-7_63		Springer	Scopus
224	Dr. Neelamegam D	Accident prevention system using real time embedded technology	Jan-2021	Article	Journal of Nuclear Energy Science and Power Generation Technology	-	10(9)	Scitechnol	Scopus
225	Dr. Suresh P	Enhancement of end-to-end security in advanced metering infrastructure	Jan-2021	Article	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03409-0		Springer	Scopus
226	Dr. Sasikala G	Energy saving management system in educational buildings	Jan-2021	Article	International Journal of Advanced Intelligence Paradigms	10.1504/IJAIP.2021.119024	20	Inderscience Publishers	Scopus
227	Dr. Balaji L	Implementation and Performance Analysis of Various Models of PCNN for Medical Image Segmentation	Jan-2021	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-3153-5_10		Springer	Scopus



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228	Dr. Suresh P	Cybercrime Issues in Smart Cities Networks and Prevention Using Ethical Hacking	Jan-2021	Book chapter	Advanced Sciences and Technologies for Security Applications	10.1007/978-3-030-72139-8_16		Springer	Scopus
229	Ms. Ambika Bhuvaneswari C	OPTIMIZED ENERGY USING CENTRALIZED CLUSTERING PROTOCOL IN HETEROGENEOUS WIRELESS SENSOR NETWORKS	Jan-2021	Article	ARPJ Journal of Engineering and Applied Sciences	1819-6608	16(2)	ARPJ	Scopus
230	Dr. Subitha D	Novel approach for melanoma detection through iterative deep vector network	Jan-2021	Article	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03242-5		Springer	Scopus
231	Dr. Natarajan S	A high isolation multiband mimo antenna without decoupling structure for wlan/wimax/5g applications	Jan-2021	Article	Progress In Electromagnetic Research C	10.2528/PIERC21032605	112	Electromagnetic Society	Scopus
232	Dr. Bharathi C R	AMBA: Adaptive Monarch Butterfly Algorithm based Information of Transfer Scheduling	Jan-2021	Article	International Journal of Advanced Computer	10.14569/IJACS A.2021.0120215	12(2)	SAI	Scopus



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		in Cloud for Big Information Application			Science and Applications				
233	Dr. Natarajan S	A compact decagon ring-shaped multiband antenna for WLAN/WiMAX/WAVE /satellite applications	Jan-2021	Article	Journal of Applied Science and Engineering	10.6180/jase.202110_24(5).0010	24(5)	IJSR	Scopus
234	Mr.Vinson Joshua S	Exclusively Automated Agricultural Engineering System using PLC-HMI and ZigBee based WSN	Jan-2021	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-15-8221-9_284		Springer	Scopus
235	Dr. Suresh P	Ann based novel approach to detect node failure in wireless sensor network	Jan-2021	Article	Computers, Materials and Continua	10.32604/cmc.2021.014854	69(2)	Tech Science Press	Scopus
236	Dr. Saravanan M	Design of frequency reconfigurable patch antenna for sensing and tracking communications	Jan-2021	Article	Applied Computational Electromagnetic s Society Journal	10.47037/2020.ACES.J.351212	35(12)	ACES	Scopus



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237	Dr. Suresh P	Sustainable characteristics of fly ash based geopolymer concrete incorporating alccofine, zeolite and rubber fibers	Jan-2021	Article	Revista Romana de Materiale/ Romanian Journal of Materials	-	51(1)	Romanion Journal of materials	Scopus
238	Dr. Hemakumar V S	Automated anesthesia level controller using fuzzy logic for injectable type	Jan-2021	Article	Journal of Applied Science and Engineering	10.6180/jase.202110_24(5).0009	24(5)	Tamkang University Press	Scopus
239	Dr. Natarajan S	A compact CPW-fed wideband antenna with circular fractal elements for multiband operations	Jan-2021	Article	International Journal of Engineering Systems Modelling and Simulation	10.1504/IJESMS.2021.115528	12	Inderscience Publishers	Scopus
240	Ms. Diana Earshia V	An q-bg-se interpolation for low resolution images	Jan-2021	Article	Indian Journal of Computer Science and Engineering	10.21817/indjcs.e/2021/v12i1/211201114	12(1)	Engg journal Publications	Scopus
241	Dr. Suresh P	Autonomous vehicle sunshade using aluminum panels	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_56		Springer	Scopus



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242	Mr. Balaji D	Experimental investigations on a novel thermoelectric material (Na x CoO ₂)	Jan-2021	Article	International Journal of Ambient Energy	10.1080/01430750.2019.1621200	42(16)	Taylor & Francis	Scopus
243	Dr. Natarajan S	A compact mimo antenna with electromagnetic bandgap structure for isolation enhancement	Jan-2021	Article	Progress In Electromagnetic s Research C	10.2528/PIERC2011306	107	Electromagnetics Academy	Scopus
244	Dr. Esther Rani P	Time-varying analysis of channel estimation in ofdm	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_55		Springer	Scopus
245	Mr.Vinson Joshua S	Lab view and pid action-based brake lever effect for validation of servo vacuum booster	Jan-2021	Conference paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-6619-6_47		Springer	Scopus
246	Dr. Kavitha T	Performance investigation of fiber to the home (FTTH) ingress network based on gpon with optisystem	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_9		Springer	Scopus



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247	Dr. Oudaya Coumar S	Conductor backed co-planar waveguide inspired s-band filter using multi-ring resonators	Jan-2021	Article	Progress in Electromagnetic s Research Letters	10.2528/PIERL20123003	96	Electromagnetic Society	Scopus
248	Dr. Mazher Iqbal J L	Fpga-based reconfigurable architectures for dsp computations	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_48		Springer	Scopus
249	Dr. Mazher Iqbal J L	Secure energy efficient network priority routing protocol for effective data collection and key management in dynamic WSNs	Jan-2021	Article	International Journal of Information and Computer Security	10.1504/IJICS.2021.112208	14(1)	Inderscience Publiahers	Scopus
250	Dr. Esther Rani P	LittleYOLO-SPP: A delicate real-time vehicle detection algorithm	Jan-2021	Article	Optik	10.1016/j.ijleo.2020.165818	225	Elseiver	Scopus
251	Dr. Mazher Iqbal J L	Enhancement of Advanced Driver Assistance System (Adas) Using Machine Learning	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5856-6_13		Springer	Scopus



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252	Dr. Suresh P	Experimental analysis of gravity and buoyancy powered energy generation storage systems	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_70		Springer	Scopus
253	Dr. Aloy Anuja Mary G	Detection of byzantine attack in cognitive radio network	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_37		Springer	Scopus
254	Dr. Suresh P	Smart home security system based on zigbee	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_71		Springer	Scopus
255	Dr. Esther Rani P	An efficient method for moving vehicle detection in real-time video surveillance	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_47		Springer	Scopus
256	Mr. Purushothaman V	A compact vertex fed heptagon monopole antenna in a wide diamond slot for uwb applications	Jan-2021	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-15-7345-3_48		Springer	Scopus
257	Dr. Sasikala G	Design and advanced modeling of electromagnetic and electromechanical properties of	Jan-2021	Article	Journal of Green Engineering	https://doi.org/10.1007/s00542-020-04823-8	11(1)	Taylor & Francis	Scopus



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		reconfigurable environmental safe antenna using rf mems switch							
258	Dr. Shiyamala S	AMI and its wireless communication security aspects with QOS: A review	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_1	NA	Springer	Scopus
259	Dr. Jana S	Edge detection using modified third order edge mask for grayscale medical image segmentation	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_42	NA	Springer	Scopus
260	Dr. Sasikala G	Morphological Watershed Approach for the Analysis of Diabetic Nephropathy	Jan-2021	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-15-7961-5_53	NA	Springer	Scopus
261	Dr. Suresh P	Design and evaluate low-cost wireless sensor network infrastructure to monitor the jetty docking area in rural areas	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_57	NA	Springer	Scopus



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262	Dr. Esther Rani P	A comparative analysis of alexnet and googlenet with a simple dcnn for face recognition	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_54	NA	Springer	Scopus
263	Dr. Sasikala G	Reconfigurable antenna using rf mems switches issues and challenges: A survey	Jan-2021	Conference paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_11	NA	Springer	Scopus
264	Dr.D.David Neels Ponkumar,	Fundamentals of Blockchain Technology	June-2022	Text Book	NA	979-8-8892-347-39	NA	NOTION PRESS	Others
265	Dr.M.Anandan	Cybersecurity Essentials	APR-2021	Text Book	NA	978-6203589221	NA	NOTION PRESS	Others
266	Dr.G.Aloy Anuja Mary	Cognitive Radio	SEP-2021	Text Book	NA	9789392992537	NA	Scientific International Publishing House	Others
267	Dr.T.Kavitha	Problem Solving And Python Programming	June-2021	Text Book	NA	978-81-962698-2-2	NA	JBR Tri Sea Publishers	Others



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268	Dr.T.Kavitha	Advanced Embedded System Design	June-2021	Text Book	NA	978-62-001176-2-5	NA	LAP LAMBERT Academic Publishing	Others
269	Dr.V.Velmurugan	Cybersecurity Essentials	DEC-2022	Text Book	NA	979-8-8909-083-0	NA	NOTION PRESS	Others