



DEPARTMENT OF ECE ACADEMIC YEAR 2021-2022 (SCI-18,scopus-5,wos-8)

Sl. No.	Authors Name	Title	Name of the Journal	Volume/ Issue/ pp	Year	Journal
1	Dr.B.Viswanathan	Design of 6-channel optical demultiplexer / coupler using photonic crystal for IFoF in 5G Networks	Optical and Quantum Electronics	online july 2021	2021	SCI
2	Dr.C.Jeyalakshmi	Dynamic customer churn prediction strategy for business intelligence using text analytics with evolutionary	Information Processing and Management	vol.58 (2021) 102706	2021	SCI
3	Dr.R. Samson Daniel	A CPW-fed rectangular nested loop antenna for penta band wireless applications	International Journal of Electronics and Communication	vol.no.139,july 2021	2021	SCI
4	Dr.K.Priyadarsini	AI Based Traffic Flow Prediction Model for Connected and Autonomous Electric Vehicles	Computers, Materials & Continua	DOI:10.32604/cmc.2022.020197	2021	SCI
5	Mr.Surendar	Design of low cost miniaturized meta material - based circular split-ring monopole radiating system for LTE applications	Journal of circuits systems and computers	vol.30.No.13.2150233	2021	SCI
6	Mr.R.Balamurugan	Effects of Novel Material Field Effect Transistor for Heterogeneous Energy and Traffic-Aware Secure Applications	Advances in Materials Science and Engineering	https://doi.org/10.1155/2021/9085854	2021	SCI
7	Mr.P.Muralikrishnan	An Enhanced Routing and Lifetime Performance for Industrial Wireless Sensor Networks	Intelligent Automation & Soft Computing	DOI:10.32604/iasc.2022.020967	2021	SCI
8	U.Surendar	A Compact Metamaterial-Based Open-Ended CPW Band-Pass Filter for Wireless Applications	Arabian Journal for Science and Engineering	https://doi.org/10.1007/s13369-021-06339-3	2021	SCI
9	Dr.B.Viswanathan	Intelligent Biomedical Electrocardiogram Signal Processing for Cardiovascular Disease Diagnosis	Computers, Materials & Continua	DOI:10.32604/cmc.2022.021995 10.1088/2040-8986/ac2f73	2021	SCI
10	Dr.B.Viswanathan	A Reversible Bistate Joint Nimply Optical Logic Gates using Photonic Crystals	Journal of Optics		2021	SCI
11	Mr.R.Balamurugan	A Novel method to improve computational and Classification performance of rice plant disease identification	The Journal of Super Computing	https://doi.org/10.1007/s11227-021-04245-x	2021	SCI
12	Dr.M.Maheswari	The Journal of Super Computing	An Automatic query expansion based on hybrid CMO-COOT algorithm for optimized information retrieval	https://doi.org/10.1007/s11227-021-04171-y	2021	SCI
13	Ms.S.Rajapriya	Machine Learning-Based Pruning Technique for Low Power Approximate Computing	Computer Systems Science and Engineering	DOI: 10.32604/csse.2022.021637	2022	SCI
14	Mrs.J.Roselin Suganthi	Fuzzy Logic for Underground Mining Method Selection	Intelligent Automation and Soft Computing	DOI: 10.32604/iasc.2022.023350	2022	SCI
15	Mr.N.R.Nagarajan	Intrusion Detection System for Big Data Analytics in IoT Environment	Computer Systems Science and Engineering	DOI: 10.32604/csse.2022.023321	2022	SCI
16	Mr.K.Vigneshwaran	A Novel Approach Based on Hybrid Algorithm for Energy Efficient Cluster Head Identification in Wireless Sensor Networks	Computer Systems Science and Engineering	DOI: 10.32604/csse.2022.023477	2022	SCI
17	Mr.M.Karthick	Blockchain Enabled Optimal Lightweight Cryptography Based Image Encryption Technique for IIOT	Intelligent Automation and Soft Computing	DOI: 10.32604/iasc.2022.024902	2022	SCI
18	Dr.K.Priyadarsini	Intelligent Feature Selection with Deep Learning Based Financial Risk Assessment model	Computers, Materials & Continua	DOI: 10.32604/cmc.2022.026204	2022	SCI
19	Dr.A.Rajesh	Improved calendar disc scheduler for LTE advanced networks with HARQ (2021) ,	Journal of High Speed Networks	27 (2), pp. 139-149. DOI: 10.3233/JHS-210656	2021	SCOPUS
20	Mr.A.Balakumar	An Intelligent Framework for Traffic Management System using Narrow band IOT	IOP Conference Series : Material Science and Engineering	doi:10.1088/1757-899X/1055/1/012127	2021	SCOPUS
21	K. Vigneshwaran	Applications in Healthcare to Build Artificial Intelligence Based Disease Diagnosis	International Journal of Biology,Pharmacy and Allied Sciences	Issue,10(11),PP: 1319-1330 ISSN:2277-4998 https://doi.org/10.31032/IJBPAS/2021/10.11.1120	2021	WOS
22	P.Malini	Design, Analysis, and Bio Manufacturing of Disc Brakes with CNC for Reactor Safety	International Journal of Biology,Pharmacy and Allied Sciences	Issue,10(11),PP: 1381-1392 ISSN:2277-4998 https://doi.org/10.31032/IJBPAS/2021/10.11.1120	2021	WOS
23	S.Anusuya	Embedded Systems for Automotive Bio Industry Labeled Compounds to Improve Performance	International Journal of Biology,Pharmacy and Allied Sciences	Issue,10(11),PP: 1365-1380 ISSN:2277-5000 https://doi.org/10.31032/IJBPAS/2021/10.11.1119	2021	WOS
24	Ms. MAHIMA,R	International Journal of Biology,Pharmacy and Allied Sciences - WOS	Prediction of crystalline substance forms in the earlier stage through drug development technique	https://doi.org/10.31032/IJBPAS/2021/10.11.1096	2022	WOS
25	Mrs. VIDYA A	International Journal of Biology,Pharmacy and Allied Sciences - WOS	E-health monitoring using IOT	https://doi.org/10.31032/IJBPAS/2021/10.11.1096	2022	WOS
26	Mrs.A.Abinaya	Parametric Analysis and Simulation of Surface Roughness and tool flank wear in Machining of low carbon alloy steel.	Materials Today Proceeding	https://doi.org/10.1016/j.matpr.2022.01.086	2021	SCOPUS
27	K. Vigneshwaran	Microstrip Patch Antenna for PCS and Wireless Networks	Journal of Nuclear Energy Science & Power Generation Technology	ISSN:2325-9809	2021	WOS
28	P.Malini	The transmission of Narrowband and Wideband Data Communications via Low-Voltage Power Lines Optimization	Journal of Nuclear Energy Science & Power Generation Technology	ISSN:2325-9809	2021	WOS
29	Dr.C.Jeyalakshmi	Automatic wireless health instructor for schools and colleges	Bulletin of Electrical Engineering and Informatics	DOI: 10.11591/eei.v11i11.3330	2022	SCOPUS
30	Mr.A.Balakumar	GPS and Labview Based System for Detection and Control of Maritime Boundary Intruding Boats	Drugs and Cell Therapies in Hematology	ISSN:2281-4876	2021	WOS
31	Mr.A.Balakumar	Performance Analysis of peak signal -to-noise ratio and multipath source routing using different denoising method	Bulletin of Electrical Engineering and Informatics	DOI: 10.11591/eei.v11i11.3332	2022	SCOPUS