Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
1	Analysis of facial emotion recognition rate for real-time application using NVIDIA Jetson Nano in deep learning models	Dudekula U., Purnachand N.	School of Electronics Engineering	Indonesian Journal of Electrical Engineering and Computer Science	2023	25024752	https://ijeecs.iaescore.com/index.php/IJEECS	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/28757	YES
2	Convolutional Neural Network-Based Personalized Program Recommendation System for Smart Television Users	Dudekula K.V., Syed H., Basha M.I.M., Swamykan S.I., Kasaraneni P.P., Kumar Y.V.P., Flah A., Azar A.T.	School of Electronics Engineering	Sustainability (Switzerland)	2023	20711050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/15/3/2206	YES
3	Automatic Classification of the Severity of Knee Osteoarthritis Using Enhanced Image Sharpening and CNN	Ganesh Kumar M., Goswami A.D.	School of Electronics Engineering	Applied Sciences (Switzerland)	2023	20763417	https://www.mdpi.com/journal/applsci	https://www.mdpi.com/2076-3417/13/3/1658	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
4	Circulant Singular Spectrum Analysis and Discrete Wavelet Transform for Automated Removal of EOG Artifacts from EEG Signals	Yedukondalu J., Sharma L.D.	School of Electronics Engineering	Sensors	2023	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/23/3/1235	YES
5	Design and implementation of auto-tracking system for FSO link under pointing error	Kappala V.K., Pradhan J., Pawar N., Turuk A.K., Majhi S., Das S.K.	School of Electronics Engineering	Optical and Quantum Electronics	2023	3068919	https://www.springer.com/journal/11082	https://link.springer.com/article/10.1007/s11082-022-04439-4	YES
6	Influence of Data Balancing on Transformer DGA Fault Classification With Machine Learning Algorithms	Rajesh K.N.V.P.S., Mohan Rao U., Fofana I., Rozga P., Paramane A.	School of Electronics Engineering	IEEE Transactions on Dielectrics and Electrical Insulation	2023	10709878	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=94	https://ieeexplore.ieee.org/document/9991177	YES
7	The role of modifier oxides on red emission of Eu3+ ions in lithium antimonite glass system	Kumar V.R., Purnachand N., Nagarjuna M., Baskaran G.S., Kumar V.R., Veeraiah N.	School of Electronics Engineering	Journal of Non-Crystalline Solids	2023	223093	https://www.sciencedirect.com/journal/journal-of-non-crystalline-solids	https://www.sciencedirect.com/science/article/abs/pii/S0022309322006305?dgcid=rss_sd_all	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
8	Convolutional Transformer based Local and Global Feature Learning for Speech Enhancement	Jannu C., Vanambathina S.D.	School of Electronics Engineering	International Journal of Advanced Computer Science and Applications	2023	2158107X	https://thesai.org/Publications/IJACSA	https://thesai.org/Downloads/Volume14No1/Paper_81-Convolutional_Transformer_based_Local_and_Global_Feature_Learning.pdf	NO
9	Performance Analysis of Scalable User-Centric HC-RAN Over Rician Fading Channels	Ayanampudi H., Dhuli R.	School of Electronics Engineering	IEEE Access	2023	21693536	https://ieeeaccess.ieee.org/	https://ieeexplore.ieee.org/document/10012389	YES
10	Investigation on the Surface Condition of Gamma Irradiated Silicone Rubber Micro-Nanocomposites	Dhivakar J.M., Babu M.S., Sarathi R., Kornhuber S., Chillu N.	School of Electronics Engineering	IEEE Access	2023	21693536	https://ieeeaccess.ieee.org/	https://ieeexplore.ieee.org/document/10013679	YES
11	A Novel Lightweight CNN Architecture for the Diagnosis of Brain Tumors Using MR Images	Reddy K.R., Dhuli R.	School of Electronics Engineering	Diagnostics	2023	**20754418**	https://www.mdpi.com/journal/diagnostics	https://www.mdpi.com/2075-4418/13/2/312	NO

Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
12	A State Machine-Based Droop Control Method Aided with Droop Coefficients Tuning through In-Feasible Range Detection for Improved Transient Performance of Microgrids	Srikanth M., Venkata Pavan Kumar Y.	School of Electronics Engineering	Symmetry	2023	20738994	https://www.mdpi.com/journal/symmetry	https://www.mdpi.com/2073-8994/15/1/1	YES
13	Face Mask Detection on Photo and Real-Time Video Images Using Caffe-MobileNetV2 Transfer Learning	Kumar B.A., Bansal M.	School of Electronics Engineering	Applied Sciences (Switzerland)	2023	20763417	https://www.mdpi.com/journal/applsci	https://www.mdpi.com/2076-3417/13/2/935	YES
14	Dead Zone Minimization Using Variable-Delay Element in CP-PLL for 5G Applications	Buddha D., Nanda U.	School of Electronics Engineering	Micromachines	2023	2072666X	https://www.mdpi.com/journal/micromachines	https://www.mdpi.com/2072-666X/14/1/81	YES

Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
15	Recent Progress on Sensitivity Analysis of Schottky Field Effect transistor Based Biosensors	Kumar P., Esakki P., Agarwal L., PeddaKrishna, Kale S., Bhowmick B.	School of Electronics Engineering	Silicon	2023	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-022-01994-z	YES
16	Classification of Polluted Silicone Rubber Insulators by Using LIBS Assisted Machine Learning Techniques	Sanjana K., Babu M.S., Sarathi R., Chillu N.	School of Electronics Engineering	IEEE Access	2023	21693536	https://ieeeaccess.ieee.org/	https://ieeexplore.ieee.org/abstract/document/9999430	YES
17	A Deep Learning Based Data Recovery Approach for Missing and Erroneous Data of IoT Nodes	Vedavalli P., Ch D.	School of Electronics Engineering	Sensors	2023	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/23/1/170	YES

Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
18	Automated Schizophrenia detection using local descriptors with EEG signals	Kumar T.S., Rajesh K.N.V.P.S., Maheswari S., Kanhangad V., Acharya U.R.	School of Electronics Engineering	Engineering Applications of Artificial Intelligence	2023	9521976	https://www.sciencedirect.com/journal/engineering-applications-of-artificial-intelligence	https://www.sciencedirect.com/science/article/pii/S0952197622005929#:~:text=As%20electroencephalogram%20(EEG)%20signals%20reveal,et%20al.%2C%202021).	YES
19	Dependence of RF/analog and linearity parameters on ferroelectric layer thickness in ferroelectric tunnel junction dual material double gate (FTJ-DMDG) TFET	Saha R., Panda D.K., Goswami R.	School of Electronics Engineering	Ferroelectrics	2023	150193	https://www.tandfonline.com/journals/gfer20	https://www.tandfonline.com/doi/abs/10.1080/00150193.2022.2149315?journalCode=gfer20	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
20	An in-depth study of the electrical characterization of supercapacitors for recent trends in energy storage system	Satpathy S., Misra N.K., Shukla D.K., Goyal V., Bhattacharyya B.K., Yadav C.S.	School of Electronics Engineering	Journal of Energy Storage	2023	23521538	https://www.sciencedirect.com/journal/journal-of-energy-storage	https://www.sciencedirect.com/science/article/pii/S2352152X22021879	YES
21	Large-area metal surface plasmonâ€"polymer coupled nanocomposite thin film at airâ€"liquid interface for low voltage operated high-performance photodetector	Singh M.K., Mishra R., Prakash R., Yi J., Heo J., Pandey R.K.	School of Electronics Engineering	Progress in Organic Coatings	2023	1873331X	https://www.sciencedirect.com/journal/progress-in-organic-coatings	https://www.sciencedirect.com/science/article/pii/S0300944022005288	YES
22	SMS-CAM: Shared matchline scheme for content addressable memory	Hussain S.W., Mahendra T.V., Mishra S., Dandapat A.	School of Electronics Engineering	Integration	2023	1679260	https://www.sciencedirect.com/journal/integration	https://www.sciencedirect.com/science/article/pii/S0167926022001080	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
23	Electrocardiogram signal classification using VGGNet: a neural network based classification model	Goswami A.D., Bhavekar G.S., Chafle P.V.	School of Electronics Engineering	International Journal of Information Technology (Singapore)	2023	25112104	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-022-01071-z	YES
24	A review on radiation-hardened memory cells for space and terrestrial applications	Pavan Kumar M., Lorenzo R.	School of Electronics Engineering	International Journal of Circuit Theory and Applications	2023	989886	https://onlinelibrary.wiley.com/journal/1097007x	https://onlinelibrary.wiley.com/doi/abs/10.1002/cta.3429	YES
25	Automated multi-class classification of lung diseases from CXR-images using pre-trained convolutional neural networks	Karaddi S.H., Sharma L.D.	School of Electronics Engineering	Expert Systems with Applications	2023	9574174	https://www.sciencedirect.com/journal/expert-systems-with-applications	https://www.sciencedirect.com/science/article/pii/S0957417422016918?via%3Dihub	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
26	Cognitive load detection using circulant singular spectrum analysis and Binary Harris Hawks Optimization based feature selection	Yedukondalu J., Sharma L.D.	School of Electronics Engineering	Biomedical Signal Processing and Control	2023	17468094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://www.sciencedirect.com/science/article/pii/S1746809422004633	YES
27	A Review of Tunnel Field-Effect Transistors for Improved ON-State Behaviour	Karthik K.R.N., Pandey C.K.	School of Electronics Engineering	Silicon	2023	1876990X	https://link.springer.com/article/10.1007/s12633-022-02028-4	https://link.springer.com/article/10.1007/s12633-022-02028-4	YES
28	A Dual-Drain Vertical Tunnel FET with Improved Device Performance: Proposal, Optimization, and Investigation	Das D., Pandey C.K.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/aca9fc/meta	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
29	A Strategy for Measuring Voltage, Current and Temperature of a Battery Using Linear Optocouplers	Lakkireddy G.R., Mathe S.E.	School of Electronics Engineering	World Electric Vehicle Journal	2022	20326653	https://www.mdpi.com/journal/wevj	https://www.mdpi.com/2032-6653/13/12/225	NO
30	Machine Learning-Based Ensemble Classifiers for Anomaly Handling in Smart Home Energy Consumption Data	Kasaraneni P.P., Venkata Pavan Kumar Y., Moganti G.L.K., Kannan R.	School of Electronics Engineering	Sensors	2022	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/22/23/9323	YES
31	Frequency Domain Specifications Based Robust Decentralized PI/PID Control Algorithm for Benchmark Variable-Area Coupled Tank Systems	Govind K.R A., Mahapatra S.	School of Electronics Engineering	Sensors	2022	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/22/23/9165	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
32	Analysis on electrical parameters including temperature and interface trap charges in gate overlap Ge source step shape double gate TFET	Saha R., Goswami R., Panda D.K.	School of Electronics Engineering	Microelectronics Journal	2022	262692	https://www.sciencedirect.com/journal/microelectronics-journal	https://www.sciencedirect.com/science/article/pii/S0026269222002580	YES
33	Design, Synthesis and Assessment of QCA primitives of 5-input Majority gate in field-coupled QCA Nanotechnology	Kassa S.R., Misra N.K., Nagaria R.	School of Electronics Engineering	Optik	2022	304026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/pii/S0030402622013171	YES
34	NOMA based RAW mechanism for performance enhancement of IEEE 802.11ah dense IoT networks	Miriyala M., Harigovindan V.P., Goutham V., Pavan B.S., Babu A.V.	School of Electronics Engineering	Sadhana - Academy Proceedings in Engineering Sciences	2022	2562499	https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-022-01915-1	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
35	Low-profile bandwidth and E-plane radiation pattern reconfigurable patch antenna for sub-6 GHz 5G applications	Nikam P.B., Kumar J., Baidya A., Ghosh A.	School of Electronics Engineering	AEU - International Journal of Electronics and Communications	2022	14348411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/pii/S1434841122002850	YES
36	A compact triple band circular polarized slotted microstrip patch antenna with low frequency ratio	Bairappaka S.K., Ghosh A., Kumar J., Bhattacharya A.	School of Electronics Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2022	10964290	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.23410	YES
37	A Comprehensive Review on FinFET in Terms of its Device Structure and Performance Matrices	Reddy M.N., Panda D.K.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-022-01929-8	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
38	Journey of MOSFET from Planar to Gate All Around: A Review	Bhol K., Jena B., Nanda U.	School of Electronics Engineering	Recent Patents on Nanotechnology	2022	18722105	https://benthamscience.com/public/journals/recent-patents-on-nanotechnology	https://pubmed.ncbi.nlm.nih.gov/34825645/	YES
39	Performance Analysis of Reverse T-Shaped Tunnel Field Effect Transistor (RT-DG-TFET) Based Lable-Free Dielectric Modulation Detection of SARS-CoV-2 Virus	Manikanta K., Nanda U.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/aca0c0/meta	YES
40	Design and Investigation of a Novel Gate-All-Around Vertical Tunnel FET with Improved DC and Analog/RF Parameters	Karthik K.R.N., Pandey C.K.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/aca2da	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
41	Exploiting effects of imperfect-CSI and SIC, and intercell interference on the outage performance of NOMA over Î¤- Î¼, Î±- Î¤- Î¼ shadowed faded channels	Thaherbasha S., Dhuli R.	School of Electronics Engineering	Wireless Networks	2022	10220038	https://www.springer.com/journal/11276	https://www.springerprofessional.de/en/exploiting-effects-of-imperfect-csi-and-sic-and-intercell-interf/23344424	YES
42	A comprehensive analytical exploration and customer behaviour analysis of smart home energy consumption data with a practical case study	Purna Prakash K., Pavan Kumar Y.V., Reddy C.P., Pradeep D.J., Flah A., Alzaed A.N., Al Ahamdi A.A., Ghoneim S.S.M.	School of Electronics Engineering	Energy Reports	2022	23524847	https://www.sciencedirect.com/journal/energy-reports	https://www.sciencedirect.com/science/article/pii/S2352484722013051	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
43	Audio Augmentation for Non-Native Childrenâ€™s Speech Recognition through Discriminative Learning	Radha K., Bansal M.	School of Electronics Engineering	Entropy	2022	10994300	https://www.mdpi.com/journal/entropy	https://www.mdpi.com/1099-4300/24/10/1490	YES
44	Quad-Port Circularly Polarized MIMO Antenna with Wide Axial Ratio	Kollipara V., Peddakrishna S.	School of Electronics Engineering	Sensors	2022	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/22/20/7972	YES
45	Miniaturized Parasitic Loaded High-Isolation MIMO Antenna for 5G Applications	Ravi K.C., Kumar J.	School of Electronics Engineering	Sensors	2022	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/22/19/7283	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
46	RF with linearity and non-linearity parameter analysis of gate all around negative capacitance junction less FET (GAA-NC-JLFET) for different ferroelectric thickness	Raut P., Nanda U., Panda D.K.	School of Electronics Engineering	Physica Scripta	2022	318949	https://iopscience.iop.org/journal/1402-4896	https://iopscience.iop.org/article/10.1088/1402-4896/ac90fa	YES
47	Wideband and Tunable Reflective Cross-Polarization Conversion Metasurface for TeraHertz Applications	Sri Nagini K.B.S., Chandu D.S.	School of Electronics Engineering	IEEE Photonics Journal	2022	19430655	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4563994	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4563994	YES
48	Miniaturized omnidirectional satellite phone antenna inspired by meander line radiator and metamaterial integrated ground plane	Acharya P., Kumar J., Dahiya V., Peddakrishna S.	School of Electronics Engineering	International Journal of Information Technology (Singapore)	2022	25112104	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-022-01069-7	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
49	Circularly Polarized Antennas Using Characteristic Mode Analysis: A Review	Kollipara V., Peddakrishna S.	School of Electronics Engineering	Advances in Technology Innovation	2022	24150436	https://ojs.imeti.org/index.php/AITI	https://ojs.imeti.org/index.php/AITI/article/view/8739/1237	NO
50	Performance analysis of Heterogeneous Cloud-Radio Access Networks: A user-centric approach with network scalability	Ayanampudi H., Dhuli R.	School of Electronics Engineering	Computer Communications	2022	1403664	https://www.sciencedirect.com/journal/computer-communications	https://www.sciencedirect.com/science/article/pii/S0140366422002882	YES
51	Performance analysis of novel precoding matrix techniques for optical OFDM-based visible light communication systems	Deepa T., Suseela V., Mani V.V.	School of Electronics Engineering	Optics and Laser Technology	2022	303992	https://www.sciencedirect.com/journal/optics-and-laser-technology	https://www.sciencedirect.com/science/article/pii/S0030399222004509	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
52	Influence of dopants in the buffer layer on CZTS solar cell performance	Kumar Dakua P., Kumar Panda D.	School of Electronics Engineering	Emerging Materials Research	2022	20460147	https://www.icevirtuallibrary.com/toc/jemmr/current?gclid=CjwKCAjw_MqgBhAGEiwAnYOAer8Y9jBK--gvMUsHXhhMRAsH-UFzM3Z-9KxMYpW79Kp1Kpa0fc4oSBoC_3sQAvD_BwE	https://www.icevirtuallibrary.com/doi/full/10.1680/jemmr.22.00032	YES
53	Systematic Statistical Analysis to Ascertain the Missing Data Patterns in Energy Consumption Data of Smart Homes	Prakash K.P., Kumar Y.V.P.	School of Electronics Engineering	International Journal of Renewable Energy Research	2022	13090127	https://www.ijrer.org/ijrer/index.php/ijrer	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/13029	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
54	Correction to: Improvement of Ion, Electric Field and Transconductance of Trigate FinFET by 5nm Technology (Silicon, (2022), 14, 13, (7889-7900), 10.1007/s12633-021-01536-z)	Vijaya P., Lorenzo R.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-021-01536-z	YES
55	Multiple Degradation Skilled Network for Infrared and Visible Image Fusion Based on Multi-Resolution SVD Updation	Suryanarayana G., Varadarajan V., Pillutla S.R., Nagajyothi G., Kotapati G.	School of Electronics Engineering	Mathematics	2022	22277390	https://www.mdpi.com/journal/mathematics	https://www.mdpi.com/2227-7390/10/18/3389	YES
56	Day-Ahead Load Demand Forecasting in Urban Community Cluster Microgrids Using Machine Learning Methods	Rao S.N.V.B., Yellapragada V.P.K., Padma K., Pradeep D.J., Reddy C.P., Amir M., Refaat S.S.	School of Electronics Engineering	Energies	2022	19961073	https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/15/17/6124	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
57	Analytical Enumeration of Redundant Data Anomalies in Energy Consumption Readings of Smart Buildings with a Case Study of Darmstadt Smart City in Germany	Kasaraneni P.P., Yellapragada V.P.K., Moganti G.L.K., Flah A.	School of Electronics Engineering	Sustainability (Switzerland)	2022	20711050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/14/17/10842	YES
58	Digital Watermarking System for Copyright Protection and Authentication of Images Using Cryptographic Techniques	Sanivarapu P.V., Rajesh K.N.V.P.S., Hosny K.M., Fouda M.M.	School of Electronics Engineering	Applied Sciences (Switzerland)	2022	20763417	https://www.mdpi.com/journal/applsci	https://www.mdpi.com/2076-3417/12/17/8724	YES
59	Evaluation of machine learning algorithms for grade estimation using GRNN & SVR	Goswami A.D., Mishra M.K., Patra D.	School of Electronics Engineering	Engineering Research Express	2022	26318695	https://iopscience.iop.org/journal/2631-8695	https://iopscience.iop.org/article/10.1088/2631-8695/ac8912	NO

Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
60	Machine learning models for non-invasive glucose measurement: towards diabetes management in smart healthcare	Agrawal H., Jain P., Joshi A.M.	School of Electronics Engineering	Health and Technology	2022	21907188	https://www.springer.com/journal/12553	https://link.springer.com/article/10.1007/s12553-022-00690-7	YES
61	Comparative Analysis and Performance Optimization of Low-Cost Solution-Processed Hybrid Perovskite-Based Solar Cells With Different Organic HTLs	Jarwal D.K., Dubey C., Baral K., Bera A., Rawat G.	School of Electronics Engineering	IEEE Transactions on Electron Devices	2022	189383	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=16	https://ieeexplore.ieee.org/document/9847178	YES
62	GaSb/GaAs Type-II Heterojunction TFET on SELBOX Substrate for Dielectric Modulated Label-Free Biosensing Application	Singh A.K., Tripathy M.R., Baral K., Jit S.	School of Electronics Engineering	IEEE Transactions on Electron Devices	2022	189383	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=16	https://ieeexplore.ieee.org/document/9843935	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
63	A survey on the integration of visible light communication with power line communication: Conception, applications and research challenges	Vappangi S., Mani V.V.	School of Electronics Engineering	Optik	2022	304026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/abs/pii/S003040262200883X	YES
64	Blind quality scalable video compression algorithm for low bit-rate coding	Cheggoju N., Satpute V.R.	School of Electronics Engineering	Multimedia Tools and Applications	2022	13807501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-022-12061-5#:~:text=265%2C%20hence%202T%20is%20claimed,at%20a%20good%20visual%20quality.	YES
65	Impact of STO and STO-estimation in DST-DCO-OFDM-based visible light communication systems	Vappangi S., Mani V.V.	School of Electronics Engineering	ICT Express	2022	24059595	https://www.sciencedirect.com/journal/ict-express	https://www.sciencedirect.com/science/article/pii/S2405959522000248	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
66	Investigation of CNTFET Based Energy Efficient Fast SRAM Cells for Edge AI Devices	Alekhya Y., Nanda U.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-021-01589-0#:~:text=Simulated%20results%20using%20Stanford%20CNTFET,40.9%25%20and%2074.3%25%20respectively.	YES
67	Refined Network Topology for Improved Reliability and Enhanced Dijkstra Algorithm for Optimal Path Selection during Link Failures in Cluster Microgrids	Pradeep Reddy G., Kumar Y.V.P., Kalyan Chakravarthi M., Flah A.	School of Electronics Engineering	Sustainability (Switzerland)	2022	20711050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/14/16/10367	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
68	Communication Technologies for Interoperable Smart Microgrids in Urban Energy Community: A Broad Review of the State of the Art, Challenges, and Research Perspectives	Reddy G.P., Kumar Y.V.P., Chakravarthi M.K.	School of Electronics Engineering	Sensors	2022	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/22/15/5881	YES
69	Influence of Gold Nano Particles on Dielectric Features A.C. Conductivity and Dielectric Breakdown Strength of PbO-B2O3-SeO2:Ho2O3 Glass Ceramics	Siva Sesha Reddy A., Kostrzewa M., Purnachand N., Ingram A., Sahaya Baskaran G., Venkatramaiah N., Ravi Kumar V., Veeraiah N.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/ac869d/meta	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
70	Improved DC Performance of Nanotube Junctionless Field-Effect Transistors with Dielectric Pocket Integration	Pandey C.K., Kumar D.A., Nanda U.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/ac8312	YES
71	Performance analysis of silicon nanotube dielectric pocket Tunnel FET for reduced ambipolar conduction	Singh A., Pandey C.K., Nanda U.	School of Electronics Engineering	Microelectronics Journal	2022	262692	https://www.sciencedirect.com/journal/microelectronics-journal	https://www.sciencedirect.com/science/article/abs/pii/S0026269222001434	YES
72	Design and investigation of dielectric modulated triple metal gate-oxide-stack Z-shaped gate horizontal pocket TFET device as a label-free biosensor	Reddy N.N., Panda D.K.	School of Electronics Engineering	Journal of Micromechanics and Microengineering	2022	9601317	https://iopscience.iop.org/journal/0960-1317	https://iopscience.iop.org/article/10.1088/1361-6439/ac7773	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
73	Minimized feature overhead malware detection machine learning model employing MRMR-based ranking	Singh P., Borgohain S.K., Sharma L.D., Kumar J.	School of Electronics Engineering	Concurrency and Computation: Practice and Experience	2022	15320626	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.6992	YES
74	Impact of Sleepy Stack MOSFETs in CS-VCO on Phase Noise and Lock Performance of PLL	Dharani B., Nanda U.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-021-01446-0#:~:text=The%20simulation%20results%20shows%20that,be%20%E2%88%9291.75%20dBc%2FHz.	YES
75	Analytical modelling for surface potential of dual material gate overlapped-on-drain TFET(DM-DMG-TFET) for label-free biosensing application	Reddy N.N., Panda D.K., Saha R.	School of Electronics Engineering	AEU - International Journal of Electronics and Communications	2022	1434-8411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://doi.org/10.1016/j.aeue.2022.154225	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
76	Segmentation and classification of brain tumors from MRI images based on adaptive mechanisms and ELDP feature descriptor	Rasool Reddy K., Dhuli R.	School of Electronics Engineering	Biomedical Signal Processing and Control	2022	17468094	https://www.sciencedirect.com/science/article/pii/S1746809422002269?via%3Dihub	https://doi.org/10.1016/j.bspc.2022.103704	YES
77	Analytical modeling of Iâ€“V characteristics using 2D Poisson equations in AlN/Î²-Ga2O3 HEMT	Singh R., Lenka T.R., Panda D.K., Nguyen H.P.T., Boukortt N.E.I., Crupi G.	School of Electronics Engineering	Materials Science in Semiconductor Processing	2022	13698001	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://arxiv.org/abs/2108.04797	YES
78	Evolutionary inspired approach for mental stress detection using EEG signal	Sharma L.D., Bohat V.K., Habib M., Al-Zoubi A.M., Faris H., Aljarah I.	School of Electronics Engineering	Expert Systems with Applications	2022	9574174	https://www.sciencedirect.com/science/article/pii/S0957417422001233	https://doi.org/10.1016/j.eswa.2022.116634	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
79	RF and Linearity Parameter Analysis of Junction-less Gate All Around (JLGAA) MOSFETs and their dependence on Gate Work Function	Raut P., Nanda U.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-01312-z	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
80	Investigations on a circular UWB antenna with Archimedean spiral slot for WLAN/Wi-MAX and satellite X-band filtering feature	De A., Roy B., Bhattacharya A., Bhattacharjee A.K.	School of Electronics Engineering	International Journal of Microwave and Wireless Technologies	2022	17590787	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/abs/investigations-on-a-circular-uwb-antenna-with-archimedean-spiral-slot-for-wlanwimax-and-satellite-xband-filtering-feature/A772F31E560BBE35D4AB429E5DDF2F80	YES
81	Diagnostic Analysis of Diabetes Mellitus Using Machine Learning Approach	Miriyala N.P., Kottapalli R.L., Miriyala G.P., Lorenzini G., Ganteda C., Bhogapurapu V.A.	School of Electronics Engineering	Revue d'Intelligence Artificielle	2022	0992499X	https://iieta.org/Journals/RIA	https://iieta.org/journals/ria/paper/10.18280/ria.360301	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
82	Potnuru D., Kumar L.V.S., Sonia B., Kumar Y.V.P., Pradeep D.J., Reddy C.P.	Implementation of Harris Hawks optimization for load frequency control of hydropower plant	School of Electronics Engineering	International Journal of Power Electronics and Drive Systems	2022	20888694	https://ijpeds.iaescore.com/index.php/IJPEDS	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/21931	YES
83	Salp swarm algorithm based optimal speed control for electric vehicles	Potnuru D., Ayyarao T.S.L.V., Kumar L.V.S., Kumar Y.V.P., Pradeep D.J., Reddy C.P.	School of Electronics Engineering	International Journal of Power Electronics and Drive Systems	2022	20888694	https://ijpeds.iaescore.com/index.php/IJPEDS	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/21928	YES
84	A hybrid model for heart disease prediction using recurrent neural network and long short term memory	Bhavekar G.S., Goswami A.D.	School of Electronics Engineering	International Journal of Information Technology (Singapore)	2022	25112104	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-022-00896-y	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
85	Multi-directional Wideband Unit-element MIMO Antenna for FR-2 Band 5G Array Applications	Ravi K.C., Kumar J.	School of Electronics Engineering	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2022	2228-6179	https://www.springer.com/journal/40998	https://link.springer.com/article/10.1007/s40998-022-00486-5	NO
86	RT-HIL verification of FPGA-based communication-assisted adaptive relay for microgrid protection	Kumar P., Kumar V., Pratap R.	School of Electronics Engineering	Electrical Engineering	2022	9487921	https://www.springer.com/journal/202	https://link.springer.com/article/10.1007/s00202-021-01387-2	YES
87	Dual-band reconfigurable EBG loaded circular patch MIMO antenna using defected ground structure (DGS) and PIN diode integrated branch-lines (BLs)	Nikam P.B., Kumar J., Sivanagaraju V., Baidya A.	School of Electronics Engineering	Measurement: Journal of the International Measurement Confederation	2022	2632241	https://www.sciencedirect.com/journal/measurement	https://www.sciencedirect.com/science/article/pii/S0263224122003888	YES

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88	Dielectric dispersion impedance spectroscopy and polaron tunneling phenomenon in Au2O3 mixed PbO-B2O3-SeO2:Er2O3 glass ceramics	Reddy A.S.S., Kostrzewa M., Devi P.P.K., Purnachand N., Ingram A., Venkatramaiah N., Kumar V.R., Veeraiah N.	School of Electronics Engineering	Journal of Alloys and Compounds	2022	9258388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/pii/S0925838822004601	YES
89	A Charge-Based Analytical Model for Gate All Around Junction-Less Field Effect Transistor Including Interface Traps	Raut P., Nanda U.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/ac6d7a	YES
90	Theoretical investigation on un-doped and doped TiO2 for solar cell application	Dharmale N., Chaudhury S., Kumar Pandey C.	School of Electronics Engineering	Physica Scripta	2022	318949	https://iopscience.iop.org/journal/1402-4896	https://iopscience.iop.org/article/10.1088/1402-4896/ac619e	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
91	Electrocardiogram signal filtering using circulant singular spectrum analysis and cascaded Savitzky-Golay filter	Krishna Chaitanya M., Sharma L.D.	School of Electronics Engineering	Biomedical Signal Processing and Control	2022	17468094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://www.sciencedirect.com/science/article/pii/S1746809422001057	YES
92	Half-selection disturbance free 8T low leakage SRAM cell	Lorenzo R., Paily R.	School of Electronics Engineering	International Journal of Circuit Theory and Applications	2022	989886	https://onlinelibrary.wiley.com/journal/1097007x	https://onlinelibrary.wiley.com/doi/10.1002/cta.3232	YES
93	DC and RF/analog parameters in Ge-source split drain-ZHP-TFET: Drain and pocket engineering technique	Saha R., Panda D.K., Goswami R., Bhowmick B., Baishya S.	School of Electronics Engineering	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2022	8943370	https://onlinelibrary.wiley.com/journal/10991204	https://onlinelibrary.wiley.com/doi/10.1002/jnm.2967	YES
94	Silicon Nanowire GAA-MOSFET: a Workhorse in Nanotechnology for Future Semiconductor Devices	Bhol K., Jena B., Nanda U.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-01136-x	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
95	Fuzzy Hysteresis Current Controller for Power Quality Enhancement in Renewable Energy Integrated Clusters	Kumar Y.V.P., Rao S.N.V.B., Padma K., Reddy C.P., Pradeep D.J., Flah A., Kraiem H., JasiÅ„ski M., Nikolovski S.	School of Electronics Engineering	Sustainability (Switzerland)	2022	20711050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/14/8/4851	YES
96	Power Quality Improvement in Renewable-Energy-Based Microgrid Clusters Using Fuzzy Space Vector PWM Controlled Inverter	Bramareswara Rao S.N.V., Kumar Y.V.P., Pradeep D.J., Reddy C.P., Flah A., Kraiem H., Al-Asad J.F.	School of Electronics Engineering	Sustainability (Switzerland)	2022	20711050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/14/8/4663	YES
97	Performance Analysis of Ferroelectric GAA MOSFET with Metal Grain Work Function Variability	Jena B., Bhol K., Nanda U., Tayal S., Routray S.R.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-01031-5	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
98	Performance Analysis of Gate-Stack Dual-Material DG MOSFET Using Work-Function Modulation Technique for Lower Technology Nodes	Das S.K., Nanda U., Biswal S.M., Pandey C.K., Giri L.I.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-01095-3	YES
99	A Comprehensive Review on High Electron Mobility Transistor (HEMT) Based Biosensors: Recent Advances and Future Prospects and its Comparison with Si-Based Biosensor	Hemaja V., Panda D.K.	School of Electronics Engineering	Silicon	2023	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-020-00937-w	YES
100	A New Realization of Third-Order Inverse Bandpass Filter and Its Application as an Oscillator	Komanapalli G., Gupta P.	School of Electronics Engineering	Journal of Circuits, Systems and Computers	2022	2181266	https://www.worldscientific.com/worldscinet/jcsc	https://www.worldscientific.com/doi/10.1142/S0218126622500797	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
101	Analytical Approach to Exploring the Missing Data Behavior in Smart Home Energy Consumption Dataset	Prakash K.P., Kumar YellapragadaV. P.	School of Electronics Engineering	Journal of Renewable Energy and Environment	2022	2423-5547	https://www.jree.ir/	https://www.jree.ir/article_146038.html	NO
102	Review - Next Generation 2D Material Molybdenum Disulfide (MoS2): Properties, Applications and Challenges	Kumar V.P., Panda D.K.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2022	21628769	https://www.electrochem.org/publications/jss	https://iopscience.iop.org/article/10.1149/2162-8777/ac5a6f/meta	YES
103	Planar Switched Beam Network Using Butlar Matrix on a Single Layer Substrate for Modern Wireless Communications	Roy B., Karmakar A., Chakraborty U.	School of Electronics Engineering	Radio Science	2022	486604	https://agupubs.onlinelibrary.wiley.com/journal/1944799x	https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2021RS007348	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
104	A Hybrid Bipolar Active Charge Balancing Technique with Adaptive Electrode Tissue Interface (ETI) Impedance Variations for Facial Paralysis Patients	Moganti G.L.K., Siva Praneeth V.N., Vanjari S.R.K.	School of Electronics Engineering	Sensors	20222	14248220	https://www.mdpi.com/journal/sensors	https://www.mdpi.com/1424-8220/22/5/1756	YES
105	Linear fusion approach to convolutional neural networks for facial emotion recognition	Dudekula U., Purnachand N.	School of Electronics Engineering	Indonesian Journal of Electrical Engineering and Computer Science	2022	25024752	https://ijeecs.iaescore.com/index.php/IJEECS	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/27233/16108	YES
106	Shape and texture based identification of glaucoma from retinal fundus images	Sonti K., Dhuli D.R.	School of Electronics Engineering	Biomedical Signal Processing and Control	2022	17468094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://www.sciencedirect.com/science/article/pii/S1746809421010703	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
107	Slot and EBG-Loaded Compact Quad Band-Notched UWB Antenna	Peddakrishna S., Kollipara V., Kumar J., Khan T.	School of Electronics Engineering	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2022	2228-6179	https://www.springer.com/journal/40998	https://link.springer.com/article/10.1007/s40998-021-00463-4	YES
108	A New Generalized Pole Clustering-Based Model Reduction Technique and Its Application for Design of Controllers	Prajapati A.K., Prasad R.	School of Electronics Engineering	Circuits, Systems, and Signal Processing	2022	0278081X	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01860-0	YES
109	Analytical model development of channel potential, electric field, threshold voltage and drain current for gate workfunction engineered short channel E-mode N-polar GaN MOS-HEMT	Panda D.K., Lenka T.R.	School of Electronics Engineering	Microsystem Technologies	2022	9467076	https://www.springer.com/journal/542	https://link.springer.com/article/10.1007/s00542-019-04324-3	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
110	Extensive Study of Position-Dependent Multi-Channel GAA MOSFET and its Effect on Device Performance	Bhol K., Nanda U.	School of Electronics Engineering	Journal of Nano- and Electronic Physics		20776772	https://jnep.sumdu.edu.ua/en/	https://jnep.sumdu.edu.ua/en/component/search/index.php?option=com_content&task=full_article&id=3416	YES
111	Multi-class SVM based C3D framework for real-Time anomaly detection	Thotakura V.P., Purnachand N.	School of Electronics Engineering	Journal of Scientific and Industrial Research	2022	NA	http://op.niscair.res.in/index.php/JSIR	http://op.niscair.res.in/index.php/JSIR/article/view/50480/465480343	NO
112	Development of an analytical model of work function modulated GAA MOSFET for electrostatic performance analysis	Bhol K., Nanda U., Jena B., Tayal S., Biswal S.M.	School of Electronics Engineering	Physica Scripta	2022	318949	https://iopscience.iop.org/journal/1402-4896	https://iopscience.iop.org/article/10.1088/1402-4896/ac4c52	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
113	HCUGAN: Hybrid Cyclic UNET GAN for Generating Augmented Synthetic Images of Chest X-Ray Images for Multi Classification of Lung Diseases	Buragadda S., Rani K.S., Vasantha S.V., Chakravarthi M.K.	School of Electronics Engineering	International Journal of Engineering Trends and Technology	2022	2231-5381	ps://ijettjournal.o	https://ijettjournal.org/index.php?option=com_content&view=article&id=7019&catid=9	NO
114	IGLU 3.0: A Secure Noninvasive Glucometer and Automatic Insulin Delivery System in IoMT	Joshi A.M., Jain P., Mohanty S.P.	School of Electronics Engineering	IEEE Transactions on Consumer Electronics	2022	983063	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=30	https://ieeexplore.ieee.org/document/9687837	YES
115	Outage performance of multi cell-NOMA network over Rician/Rayleigh faded channels in interference limited scenario	Shaik T., Dhuli R.	School of Electronics Engineering	AEU - International Journal of Electronics and Communications	2022	14348411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/pii/S1434841122000048	YES

Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
116	Small frequency range discrete bandwidth tunable multiband MIMO antenna for radio/LTE/ISM-2.4 GHz band applications	BharathiDevi B., Kumar J.	School of Electronics Engineering	AEU - International Journal of Electronics and Communications	2022	14348411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/pii/S143484112100457X	YES
117	Outage performance of NOMA over Î±-Î¼,Î·-Î¼andÎ±-Î·-Î¼ faded channels with imperfect CSI and interference	Thaherbasha S., Dhuli R.	School of Electronics Engineering	Telecommunication Systems	2022	10184864	https://www.springer.com/journal/11235	https://link.springer.com/article/10.1007/s11235-021-00861-3	YES
118	A dynamic current mode design approach of 2/3 prescaler for phase locked loop application	Saw S.K., Nanda U., Laskar N., Majumder A.	School of Electronics Engineering	Analog Integrated Circuits and Signal Processing	2022	9251030	https://www.springer.com/journal/10470	https://link.springer.com/article/10.1007/s10470-021-01966-0	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
119	Rapid Detection of Biomolecules in a Junction Less Tunnel Field-Effect Transistor (JL-TFET) Biosensor	Peesa R.B., Panda D.K.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-00981-0	YES
120	Improved DC Performances of Gate-all-around Si-Nanotube Tunnel FETs Using Gate-Source Overlap	Singh A., Pandey C.K.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-00957-0	YES
121	Modelling and Optimization of Phase Locked Loop under Constrained Channel Length and Width of MOSFETs	Nanda U., Acharya D.P., Nayak D., Rout P.K.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-021-00967-y	YES
122	Nanowire Array-based MOSFET for Future CMOS Technology to Attain the Ultimate Scaling Limit	Bhol K., Nanda U.	School of Electronics Engineering	Silicon	2022	1876990X	https://www.springer.com/journal/12633/	https://link.springer.com/article/10.1007/s12633-020-00909-0	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
123	The role of gold metallic particles on improving green and NIR emissions of Ho3+ ions in non-conventional SeO2 based glass ceramics	Reddy A.S.S., Purnachand N., Kostrzewa M., Brik M.G., Venkatramaiah N., Kumar V.R., Veeraiah N.	School of Electronics Engineering	Journal of Non-Crystalline Solids	2022	223093	https://www.sciencedirect.com/journal/journal-of-non-crystalline-solids	https://www.sciencedirect.com/science/article/pii/S0022309321006013	YES
124	An Adaptive Neuro-Fuzzy Control Strategy for Improved Power Quality in Multi-Microgrid Clusters	Rao S.N.V.B., Pavan Kumar Y.V., Amir M., Ahmad F.	School of Electronics Engineering	IEEE Access	2022	21693536	https://ieeeaccess.ieee.org/	https://ieeexplore.ieee.org/abstract/document/9969615	YES
125	Design and Characterization of 10-Elements MIMO Antenna With Improved Isolation and Radiation Characteristics for mm-Wave 5G Applications	Nej S., Ghosh A., Ahmad S., Kumar J., Ghaffar A., Hussein M.I.	School of Electronics Engineering	IEEE Access	2022	21693537	https://ieeeaccess.ieee.org/	https://ieeexplore.ieee.org/abstract/document/9965198	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
126	The Effectual Spectrum Defragmentation Algorithm with Holding Time Sensitivity in Elastic Optical Network (EON)	Selva Kumar S., Kamalakannan J., Seetha R., Asha N., Raja K.T., Sree Dharinya S., Sucharitha M., Kalaivani S.	School of Electronics Engineering	International Journal of Optics	2022	16879384	https://www.hindawi.com/journals/ijo/	https://downloads.hindawi.com/journals/ijo/2022/8160054.pdf	YES
127	Internet of Things-based smart vehicles design of bio-inspired algorithms using artificial intelligence charging system	Jain R., Chakravarthi M.K., Kumar P.K., Hemakesavulu O., Ramirez-Asis E., Pelaez-Diaz G., Mahaveerakannan R.	School of Electronics Engineering	Nonlinear Engineering	2022	21928010	https://www.degruyter.com/journal/key/nleng/html?lang=en	https://www.degruyter.com/document/doi/10.1515/nleng-2022-0242/html	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
128	Effect of Friction Stir Welding on the Mechanical and Microstructural Behaviour of AA7075 Aluminium Alloy	Mahesha C.R., Suprabha R., Kumar N.M., Kosanam K., Anandaram H., Ramana Murty Naidu S.C.V., Kalyan Chakravarthi M., Govindarajan V.	School of Electronics Engineering	Advances in Materials Science and Engineering	2022	1687-8434	https://www.hindawi.com/journals/amse/	Effect of Friction Stir Welding on the Mechanical and Microstructural Behaviour of AA7075 Aluminium Alloy (hindawi.com)	YES
129	Analytical modeling of dielectric modulated negative capacitance MoS2 field effect transistor for next-generation label-free biosensor	Panda D.K., Lenka T.R., Singh R., Goyal V., Boukortt N.E.I., Nguyen H.P.T.	School of Electronics Engineering	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2022	1099-1204	https://onlinelibrary.wiley.com/journal/10991204	https://onlinelibrary.wiley.com/doi/abs/10.1002/jnm.3060	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
130	A Survey on Additively Manufactured Nanocomposite Biomaterial for Orthopaedic Applications	Gowtham S., Kumar T.C.A., Devi N.S.M.P.L., Chakravarthi M.K., Pradeep Kumar S., Karthik R., Anandaram H., Kumar N.M., Ramaswamy K.	School of Electronics Engineering	Journal of Nanomaterials	2022	1687-4110	https://www.hindawi.com/journals/jnm/	https://www.hindawi.com/journals/jnm/2022/8998451/	YES
131	Review and Evaluation of Power Devices and Semiconductor Materials Based on Si, SiC, and Ga-N	Ramkumar M.S., Priya R., Rajakumari R.F., Valsalan P., Chakravarthi M.K., Latha G.C.P., Mathupriya S., Rajan K.	School of Electronics Engineering	Journal of Nanomaterials	2022	1687-4110	https://www.hindawi.com/journals/jnm/	https://www.hindawi.com/journals/jnm/2022/8648284/	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
132	Experimentally investigating the influence of static mixers on the performance of a solar water heater	Afroos Banu A., Mani Naidu S., Dattu V.S.N.C., Sridevi G., Kalyan Chakravarthi M., Rajagopalan N.R.	School of Electronics Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322030292?via%3Dihub	YES
133	A Systematic Approach for Exploration, Behavior Analysis, and Visualization of Redundant Data Anomalies in Smart Home Energy Consumption Dataset	Prakash K.P., Kumar Y.V.P.	School of Electronics Engineering	International Journal of Renewable Energy Research	2022	1309-0127	https://www.ijrer.org/ijrer/index.php/ijrer	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/12613	YES
134	Multimodal Medical Image Fusion Based on Content-based and PCA-sigmoid	Polinati S., Bavirisetti D.P., Rajesh K.N.V.P.S., Dhuli R.	School of Electronics Engineering	Current Medical Imaging	2022	1573-4056	https://benthamscience.com/public/journals/current-medical-imaging	https://www.eurekaselect.com/article/118288	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
135	Dynamic performance analysis of front-wheel drive hybrid electric vehicle architectures under different real-time operating conditions	Siddharth B.R., Pradeep D.J., Kumar Y.V.P., Reddy Ch.P., Flah A.	School of Electronics Engineering	International Journal of Powertrains	2022	1742-4267	https://www.inderscience.com/jhome.php?jcode=ijpt	https://www.inderscienceonline.com/doi/abs/10.1504/IJPT.2022.121974	YES
136	Slow evaporation technique to grow 3 â€“ Amino benzene sulfonic acid single crystal for Non-Linear optical (NLO) transmission	Deepa B., Gayathiridevi K., Kalyan Chakravarthi M., Shajahan A., Shanti Sree B., Imran Anees M., Habeeb M.	School of Electronics Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322013438?via%3Dihub	YES
137	Quantitative analysis of DC-DC converter models: A statistical perspective based on solar photovoltaic power storage	Hole S.R., Goswami A.D.	School of Electronics Engineering	Energy Harvesting and Systems	2022	2329-8766	https://www.degruyter.com/journal/key/ehs/html?lang=en	https://www.degruyter.com/document/doi/10.1515/ehs-2021-0027/html	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
138	Automatic cardiac arrhythmia classification based on hybrid 1-D CNN and Bi-LSTM model	Rahul J., Sharma L.D.	School of Electronics Engineering	Biocybernetics and Biomedical Engineering	2022	0208-5216	https://www.sciencedirect.com/journal/biocybernetics-and-biomedical-engineering	https://www.sciencedirect.com/science/article/pii/S0208521622000092?via%3Dihub	YES
139	Data Recovery Approach for Fault-Tolerant IoT Node	Vedavalli P., Deepak C.	School of Electronics Engineering	International Journal of Advanced Computer Science and Applications	2022	2158-107X	https://thesai.org/Publications/IJACSA	https://thesai.org/Publications/ViewPaper?Volume=13&Issue=1&Code=IJACSA&SerialNo=89	YES
140	CPW-Fed Penta Band Monopole Antenna for Multiservice Wireless Applications	Kumar R., Kamatham Y., Peddakrishna S., Gaddam A.	School of Electronics Engineering	Advances in Technology Innovation	2022	2415-0436	https://ojs.imeti.org/index.php/AITI	https://ojs.imeti.org/index.php/AITI/article/view/8434	YES
141	A New Model Reduction Technique for the Design of Controller by Using Moment Matching Algorithm	Prajapati A.K., Prasad R.	School of Electronics Engineering	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	2022	0256-4602	https://www.tandfonline.com/toc/titr20/current	https://www.tandfonline.com/doi/full/10.1080/02564602.2021.2012283	YES

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142	The anisotropic photorefractive effect in lithium sulfo-phosphate glass system doped with nickel ions	Sesha Reddy A.S., Kityk A.V., Jedryka J., Purnachand N., Rakus P., Wojciechowski A., Andrushchak A.S., Kumar V.R., Veeraiah N.	School of Electronics Engineering	Optical Materials	2022	0925-3467	https://www.sciencedirect.com/journal/optical-materials	https://www.sciencedirect.com/science/article/pii/S0925346721010582?via%3Dihub	YES
143	Artificial intelligence-based approach for atrial fibrillation detection using normalised and short-duration time-frequency ECG	Rahul J., Sharma L.D.	School of Electronics Engineering	Biomedical Signal Processing and Control	2022	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://www.sciencedirect.com/science/article/pii/S1746809421008673?via%3Dihub	YES
144	Layered materials and their heterojunctions for supercapacitor applications: a review	Kar T., Godavarthi S., Pasha S.K., Deshmukh K., MartÃ-nez-GÃ³mez L., Kesarla M.K.	School of Electronics Engineering	Critical Reviews in Solid State and Materials Sciences	2022	1040-8436	https://www.tandfonline.com/toc/bsms20/current	https://www.tandfonline.com/doi/full/10.1080/10408436.2021.1886048	YES

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
145	Model Reduction Using the Balanced Truncation Method and the PadÃ© Approximation Method	Prajapati A.K., Prasad R.	School of Electronics Engineering	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	2022	0256-4602	https://www.tandfonline.com/toc/titr20/current	https://www.tandfonline.com/doi/full/10.1080/02564602.2020.1842257	YES
146	Convolutional neural network-based face recognition using non-subsampled shearlet transform and histogram of local feature descriptors	Yallamandaiah S., Purnachand N.	School of Electronics Engineering	IAES International Journal of Artificial Intelligence	2021	2089-4872	https://ijai.iaescore.com/index.php/IJAI	https://ijai.iaescore.com/index.php/IJAI/article/view/20876	YES
147	A Computerized Approach for Automatic Human Emotion Recognition Using Sliding Mode Singular Spectrum Analysis	Sharma L.D., Bhattacharyya A.	School of Electronics Engineering	IEEE Sensors Journal	2021	1530-437X	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7361	https://ieeexplore.ieee.org/abstract/document/9585582	Yes

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148	Mental arithmetic task load recognition using EEG signal and Bayesian optimized K-nearest neighbor	Sharma L.D., Chhabra H., Chauhan U., Saraswat R.K., Sunkaria R.K.	School of Electronics Engineering	International Journal of Information Technology (Singapore)	2021	2511-2104	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-021-00807-7	Yes
149	Simulation Study of Dielectric Modulated Dual Material Gate TFET Based Biosensor by Considering Ambipolar Conduction	Reddy N.N., Panda D.K.	School of Electronics Engineering	Silicon	2021	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00784-9	Yes
150	The fusion of mri and ct medical images using variational mode decomposition	Polinati S., Bavirisetti D.P., Rajesh K.N.V.P.S., Naik G.R., Dhuli R.	School of Electronics Engineering	Applied Science(MDPI)	2021	2076-3417	https://www.mdpi.com/journal/applsci	https://www.mdpi.com/2076-3417/11/22/10975	Yes

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151	Bandwidth-Enhanced Ultra-Wide Band Wearable Textile Antenna for Various WBAN and Internet of Things (IoT) Applications	De A., Roy B., Bhattacharya A., Bhattacharjee A.K.	School of Electronics Engineering	Radio Science	2021	1944-799X	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7742793	https://ieeexplore.ieee.org/abstract/document/9627601	Yes
152	Design of voltage and current controller parameters using small signal model-based pole-zero cancellation method for improved transient response in microgrids	Pavan Kumar Y.V., Bhimasingu R.	School of Electronics Engineering	SN Applied Sciences	2021	2523-3971	https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-021-04815-x	Yes

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153	Performance analysis of Z-shaped gate dielectric modulated (DM) tunnel field-effect transistor-(TFET) based biosensor with extended horizontal N+ pocket	Reddy N.N., Panda D.K.	School of Electronics Engineering	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2021	1099-1204	https://onlinelibrary.wiley.com/journal/10991204	https://onlinelibrary.wiley.com/doi/abs/10.1002/jnm.2908	Yes
154	Cognitive performance detection using entropy-based features and lead-specific approach	Sharma L.D., Saraswat R.K., Sunkaria R.K.	School of Electronics Engineering	Signal, Image and Video Processing	2021	1863-1711	https://www.springer.com/journal/11760	https://link.springer.com/article/10.1007/s11760-021-01927-0	Yes
155	Everything You Wanted to Know about Continuous Glucose Monitoring	Joshi A.M., Jain P., Mohanty S.P.	School of Electronics Engineering	IEEE Consumer Electronics Magazine	2021	2162-2248	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=5962380	https://ieeexplore.ieee.org/abstract/document/9415429	Yes

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156	Tuning of Threshold Voltage in Silicon Nano-Tube FET Using Halo doping and its Impact on Analog/RF Performances	Singh A., Pandey C.K., Chaudhury S., Sarkar C.K.	School of Electronics Engineering	Silicon	2021	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00698-6	Yes
157	Experimental transfer function based multi-loop adaptive shinskey PI control for high dimensional mimo systems	Chakravarthi M.K., Venkatesan N.	School of Electronics Engineering	Journal of Engineering Science and Technology	2021	1823-4690	https://jestec.taylors.edu.my/	https://jestec.taylors.edu.my/Vol%2016%20Issue%205%20October%202021/16_5_26.pdf	Yes
158	Short duration Vectorcardiogram based inferior myocardial infarction detection: Class and subject-oriented approach	Rahul J., Sharma L.D., Bohat V.K.	School of Electronics Engineering	Biomedizinische Technik	2021	0013-5585	https://www.degruyter.com/journal/key/bmte/html	https://www.degruyter.com/document/doi/10.1515/bmt-2020-0329/html	Yes

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159	Retrofitted IoT Based Communication Network with Hot Standby Router Protocol and Advanced Features for Smart Buildings	Reddy G.P., Kumar Y.V.P.	School of Electronics Engineering	International Journal of Renewable Energy Research	2021	1309-0127	https://www.ijrer.org/ijrer/index.php/ijrer	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Retrofitted+IoT+Based+Communication+Network+with+Hot+Standby+Router+Protocol+and+Advanced+Features+for+Smart+Buildings&btnG=	Yes

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160	Investigation of Î²-Ga2O3-based HEMTs using 2D Simulations for low noise amplification and RF applications	Singh R., Lenka T.R., Panda D.K., Nguyen H.P.T.	School of Electronics Engineering	Engineering Research Express	2021	2631-8695	https://iopscience.iop.org/article/10.1088/2631-8695/ac23b3/meta?casa_token=CTOtC5pKL1sAAAAA:wDrlOEEuXzQAhhnE98AKygS9UblhBq_8-7gkvfgqqEPnuk69e0onaXw3FuKQ_fIUBb7eFGthXaiN		Yes
161	An effective face recognition method using guided image filter and convolutional neural network	Yallamandaiah S., Purnachand N.	School of Electronics Engineering	Indonesian Journal of Electrical Engineering and Computer Science	2021	2502-4752	https://ijeecs.iaescore.com/index.php/IJEECS	https://ijeecs.iaescore.com/index.php/IJEECS/article/view/25864	Yes
162	Nanowire gate all around-TFET-based biosensor by considering ambipolar transport	Reddy N.N., Panda D.K.	School of Electronics Engineering	Applied Physics A: Materials Science and Processing	2021	0947-8396	https://www.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-021-04840-y	Yes

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163	Higher-order mode substrate integrated rectangular patch antenna	Kumar J.	School of Electronics Engineering	AEU - International Journal of Electronics and Communications	2021	1434-8411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/pii/S1434841121003319?casa_token=OoW-j718hugAAAAA:cEMpSJn2OqxJVI8xN2_bcypZAgAReJw8hDSkqXhXMnhEwkkwi1JGnrGonrVHf68Trp_rDo19owM	Yes
164	A Comprehensive Review on Tunnel Field-Effect Transistor (TFET) Based Biosensors: Recent Advances and Future Prospects on Device Structure and Sensitivity	Reddy N.N., Panda D.K.	School of Electronics Engineering	Silicon	2021	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00657-1	Yes

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165	Dielectric Relaxation Dynamics and Polaronic Tunneling Conduction Mechanism of Electrical Conductivity of Fe2O3-Doped PbOâ€“ZrO2â€“SiO2 Glass Ceramics	Chandrakala C., Siva Sesha Reddy A., Kostrzewa M., Purnachand N., Venkatramaiah N., Naga Raju G., Ravi Kumar V., Veeraiah N.	School of Electronics Engineering	Physica Status Solidi (A) Applications and Materials Science	2021	1862-6319	https://onlinelibrary.wiley.com/journal/18626319	https://onlinelibrary.wiley.com/doi/abs/10.1002/pssa.202100071	Yes
166	Miniaturized dual band consumer transceiver antenna for 5G-enabled IoT-based home applications	De A., Roy B., Bhattacharjee A.K.	School of Electronics Engineering	International Journal of Communication Systems	2021	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4840	Yes

Sl No	Title of the paper	Name of the authors	Department of the teacher	Name of the journal	Year of publication	ISSN number	Link to the recognition to the UGC enlistment of the journal		
							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
167	A simulation-based analysis of effect of interface trap charges on dc and analog/HF performances of dielectric pocket SOI-Tunnel FET	Pandey C.K., Singh A., Chaudhury S.	School of Electronics Engineering	Microelectronics Reliability	2021	0026-2714	https://www.sciencedirect.com/journal/microelectronics-reliability	https://www.sciencedirect.com/science/article/pii/S0026271421001323?casa_token=xUM-uVojEBMAAAAA:5r6nEll09BWdd66F383PMhwNIYA95Aac-j4jk_txnOgOTVpEz3UfFnDNKtB9oIu95KJRGvMRU2U	Yes
168	An enhanced T-wave delineation method using phasor transform in the electrocardiogram	Rahul J., Sharma L.D.	School of Electronics Engineering	Biomedical Physics and Engineering Express	2021	2057-1976	https://iopscience.iop.org/journal/2057-1976	https://iopscience.iop.org/article/10.1088/2057-1976/ac0502/meta	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
169	Nonlinear matrix inequality approach based heading control for an autonomous underwater vehicle with experimental realization	Mahapatra S., Subudhi B.	School of Electronics Engineering	IFAC Journal of Systems and Control	2021	2468-6018	https://www.sciencedirect.com/journal/ifac-journal-of-systems-and-control	https://www.sciencedirect.com/science/article/pii/S246860182100002X?casa_token=ltFstXzyHxoAAAAA:I0xWcHO6OddcreigHpm7bMXjUsvjk4TjeLVx8uTyKGLwLtJbJA2c4R6ZlGsqGQesggTXuWwg5DY	Yes
170	Outage performance of NOMA with interference over Î¹-Î¼ shadowed faded channels	Shaik T., Dhuli R.	School of Electronics Engineering	AEU - International Journal of Electronics and Communications	2021	1434-8411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/pii/S1434841121000996?casa_token=vAsB7Hdfxo0AAAAA:KVZNMpNiLf1Sapii_iYJhL7EnyALskCJiDkQYPIYGoq-wDs01ZsddMpXbQ7W96YUnTt0UNCNKj4	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
171	A novel and lightweight P, QRS, and T peaks detector using adaptive thresholding and template waveform	Rahul J., Sora M., Sharma L.D.	School of Electronics Engineering	Computers in Biology and Medicine	2021	0010-4825	https://www.sciencedirect.com/journal/computers-in-biology-and-medicine	https://www.sciencedirect.com/science/article/pii/S0010482521001013?casa_token=Q9dCmIQgYmoAAAAA:TLiI2A2HSujwQtzTUO7Eh5xI3bFWxy5WKxOBy44GLiwOzFiXxK19R53fc8TcfAOZUNRw1D7klhc	Yes
172	Dynamic thresholding based efficient QRS complex detection with low computational overhead	Rahul J., Sora M., Sharma L.D.	School of Electronics Engineering	Biomedical Signal Processing and Control	2021	1746-8108	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://www.sciencedirect.com/science/article/pii/S1746809421001166?casa_token=vkRoe3k5bwEAAAAA:nXPKQ-FnxPcGHhx6Ur0IV4EXXc2bcTXcejyRpcde2_nlxFRZivyPShhRBa7ujn4QC9lxZIwPOHw	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
173	Match-line control unit for power and delay reduction in hybrid CAM	Hussain S.W., Mahendra T.V., Mishra S., Dandapat A.	School of Electronics Engineering	IET Circuits, Devices and Systems	2021	17518598	https://ietresearch.onlinelibrary.wiley.com/journal/17518598	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/cds2.12024	Yes
174	An improved cardiac arrhythmia classification using an RR interval-based approach	Rahul J., Sora M., Sharma L.D., Bohat V.K.	School of Electronics Engineering	Biocybernetics and Biomedical Engineering	2021	0208-5216	https://www.sciencedirect.com/journal/biocybernetics-and-biomedical-engineering	https://www.sciencedirect.com/science/article/pii/S0208521621000413?casa_token=SXo1keNDUq8AAAAA:o0wJz7BcDQE02dK8mHR8FFrntJzQDsyEVX8ijcdxev4XPJCAsAJxkp0XU8kY4R6fkZWCr0h9esI	Yes
175	Analysis on effect of lateral straggle on analog, high frequency and DC parameters in Ge-source DMDG TFET	Saha R., Panda D.K., Goswami R., Bhowmick B., Baishya S.	School of Electronics Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2021	1099047x	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.22579	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
176	A Parasitic Antenna with Independent Pattern, Beamwidth and Polarization Reconfigurability	Khairnar V.V., Ramesha C.K., Gudino L.J.	School of Electronics Engineering	Wireless Personal Communications	2021	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-07957-0	Yes
177	Dielectric Modulated Enhancement Mode N-Polar GaN MIS-HEMT Biosensor for Label Free Detection	Hemaja V., Panda D.K.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2021	2162-8777	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/abea5c/meta	Yes
178	Obstructive sleep apnea detection using discrete wavelet transform-based statistical features	Rajesh K.N.V.P.S., Dhuli R., Kumar T.S.	School of Electronics Engineering	Computers in Biology and Medicine	2021	0010-4825	https://www.sciencedirect.com/journal/computers-in-biology-and-medicine	https://www.sciencedirect.com/science/article/pii/S0010482520305308?casa_token=XwjJ0NPx4MEAAAAA:deNN20vEjPE53T9CqFTFS0b7-I_R0darwAJEBdl4DwazoxaYzkrcd-eT6D-5YndbdbFf1AWkt_c	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
179	Compact, Isolation Enhanced, Band-Notched SWBâ€"MIMO Antenna Suited for Wireless Personal Communications	Bhattacharya A., Roy B., Bhattacharjee A.K.	School of Electronics Engineering	Wireless Personal Communications	2021	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-07749-6	Yes
180	Digitisation of paper-ECG using column wise-median approach	Gautam P., Sunkaria R.K., Sharma L.D.	School of Electronics Engineering	International Journal of Computer Applications in Technology	2021	0952-8091	https://www.inderscienceonline.com/journal/ijcat	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAT.2021.119774	Yes
181	Comprehensive Analysis on Critical Factors for the Operation of Advanced High Gain DC-DC Converters Used in Renewable Energy Applications	Kiran S.U., Kumar P.M., Kumar Y.V.P.	School of Electronics Engineering	International Journal of Renewable Energy Research	2021	1309-0127	http://www.ijrer.ijrer.org/index.php/ijrer/index	http://www.ijrer.ijrer.org/index.php/ijrer/article/view/12283	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
182	Simple and effective descriptive analysis of missing data anomalies in smart home energy consumption readings	Prakash K.P., Kumar Y.V.P.	School of Electronics Engineering	Journal of Energy Systems	2021	2602-2052	https://dergipark.org.tr/en/pub/jes	https://dergipark.org.tr/en/pub/jes/issue/64868/878318	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
183	Planar EBG Loaded UWB Monopole Antenna with Triple Notch Characteristics	Kollipara V., Peddakrishna S., Kumar J.	School of Electronics Engineering	International Journal of Engineering and Technology Innovation	2021	2223-5329	https://ojs.imeti.org/index.php/IJETI	https://www.researchgate.net/profile/Jayendra-Kumar/publication/354819030_Planar_EBG_Loaded_UWB_Monopole_Antenna_with_Triple_Notch_Characteristics/links/614ed628f8c9c51a8aeef270/Planar-EBG-Loaded-UWB-Monopole-Antenna-with-Triple-Notch-Characteristics.pdf?_sg%5B0%5D=started_experiment_milestone&origin=journalDetail	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
184	Real time voltage instability detection in dfig based wind integrated grid with dynamic components	Chappa H.K., Thakur T., Kumar L.V.S., Kumar Y.V.P., Pradeep D.J., Reddy C.P., Ariwa E.	School of Electronics Engineering	International Journal of Computing and Digital Systems	2021	2210-142X	https://journal.uob.edu.bh/handle/123456789/12?id=about	https://journal.uob.edu.bh/handle/123456789/4213	Yes
185	Sensitivity Analysis on Dielectric Modulated Ge-Source DMDG TFET Based Label-Free Biosensor	Saha R., Hirpara Y., Hoque S.	School of Electronics Engineering	IEEE Transactions on Nanotechnology	2021	1941-0085	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7729	https://ieeexplore.ieee.org/abstract/document/9470956	Yes
186	Study on Analog/RF and Linearity Performance of Staggered Heterojunction Gate Stack Tunnel FET	Biswal S.M., Das S.K., Misra S., Nanda U., Jena B.	School of Electronics Engineering	ECS Journal of Solid State Science and Technology	2021	2162-8777	https://iopscience.iop.org/journal/2162-8777	https://iopscience.iop.org/article/10.1149/2162-8777/ac0e10/meta	Yes
187	Design of the interaction cavity for a 110-GHz, 1.5-MW Gyrotron	Karmakar S., Mudiganti J.C.	School of Electronics Engineering	Journal of Electromagnetic Waves and Applications	2021	15693937	https://www.tandfonline.com/journals/tewa20	https://www.tandfonline.com/doi/abs/10.1080/09205071.2021.1918265	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
188	Comprehensive Modelling of Renewable Energy Based Microgrid for System Level Control Studies	Rao K.S., Kumar Y.V.P.	School of Electronics Engineering	International Journal of Renewable Energy Research	2021	1309-0127	http://www.ijrer.ijrer.org/index.php/ijrer/index	http://www.ijrer.com/index.php/ijrer/article/view/11745	Yes
189	Design of the interaction cavity extending to the nonlinear taper for a 10 kw, W-band gyrotron	Karmakar S., Mudiganti J.C.	School of Electronics Engineering	Journal of Electromagnetic Waves and Applications	2021	15693937	https://www.tandfonline.com/journals/tewa20	https://www.tandfonline.com/doi/abs/10.1080/09205071.2020.1865210	Yes
190	NIR luminescence features of Nd3+ ion in lithium antimonite glass system	Kumar V.R., Purnachand N., Kumar Reddy B.N., Kumar V.R., Gandhi Y., Ragavaiah B.V.	School of Electronics	Physica B: Condensed Matter	2021	9214526	https://www.sciencedirect.com/journal/physica-b-condensed-matter	https://www.sciencedirect.com/science/article/pii/S0921452620305196	Yes
191	Analysis on DC and RF/Analog Performance in Multifin-FinFET for Wide Variation in Work Function of Metal Gate	Hirpara Y., Saha R.	School of Electronics	Silicon	2021	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00408-2	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
192	The dawn of Ga2O3 HEMTs for high power electronics - A review	Singh R., Lenka T.R., Panda D.K., Velpula R.T., Jain B., Bui H.Q.T., Nguyen H.P.T.	School of Electronics	Materials Science in Semiconductor Processing	2020	13698001	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://www.sciencedirect.com/science/article/pii/S1369800119320153?casa_token=8JPf7Y-6pH4AAAAA:vAB0XAgSfPzd8UDaeZxcWMXmDMV3zvaT_K30FGa97onfqsYZXHELoVCLUul5LpfYZrrbWQK-Y98	Yes
193	Single and double-gate based AlGaN/GaN MOS-HEMTs for the design of low-noise amplifiers: a comparative study	Panda D.K., Singh R., Lenka T.R., Pham T.T., Velpula R.T., Jain B., Thang Bui H.Q., Trung Nguyen H.P.	School of Electronics	IET Circuits, Devices and Systems	2020	1751858X	https://ietresearch.onlinelibrary.wiley.com/journal/17518598	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-cds.2020.0015	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
194	A survey on blockchain consensus with a performance comparison of pow, pos and pure pos	Lepore C., Ceria M., Visconti A., Rao U.P., Shah K.A., Zanolini L.	School of Electronics	Mathematics	2020	22277390	https://www.mdpi.com/journal/mathematics	https://www.mdpi.com/2227-7390/8/10/1782	Yes
195	Influence of gold ions on visible and NIR luminescence features of Er3+ ions in lead boroselenate glass ceramics	Siva Sesha Reddy A., Lakshminarayana G., Purnachand N., Ravi Kumar V., Venkatramaiah N., Ravi Kumar V., Veeraiah N.	School of Electronics	Journal of Luminescence	2020	222313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/pii/S0022231320308978?casa_token=hvTam6jXBmEAAAAA:qL7w3WMjRHBn0xGhSqy4dbeoDVYxgmHMu72i247BoFJzfv85lsh9oBcCKhg20EQrxEo-fds9i8s	Yes
196	A New Technique for the Reduced-Order Modelling of Linear Dynamic Systems and Design of Controller	Prajapati A.K., Rayudu V.G.D., Sikander A., Prasad R.	School of Electronics	Circuits, Systems, and Signal Processing	2020	0278081X	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-020-01412-y	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
197	Exploratory data analysis based efficient QRS-complex detection technique with minimal computational load	Rahul J., Sora M., Sharma L.D.	School of Electronics	Physical and Engineering Sciences in Medicine	2020	26624729	https://www.springer.com/journal/13246	https://link.springer.com/article/10.1007/s13246-020-00906-y	No
198	Structural and functional medical image fusion using an adaptive Fourier analysis	Polinati S., Dhuli R.	School of Electronics	Multimedia Tools and Applications	2020	13807501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-020-09017-y	Yes
199	Dielectric characteristics, dipolar relaxation dynamics and ac conductivity of CuO added lithium sulpho-phosphate glass system	Sekhar A.V., PaviÄ‡ L., MoguÅ¡-MilankoviÄ‡ A., Purnachand N., Reddy A.S.S., Raju G.N., Veeraiah N.	School of Electronics	Journal of Non-Crystalline Solids	2020	223093	https://www.sciencedirect.com/journal/journal-of-non-crystalline-solids	https://www.sciencedirect.com/science/article/pii/S0022309320302702?casa_token=dgRoy8wXp1sAAAAA:zLEYf3Nf5TtSKSClzvQtU2cI0sh-SGq3VqxFcRL0bNg-HUMWENeoo-NelRSrN_rbSLTSvNmFVJcg	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
200	Studies on magnetron sputtered deposited nanocrystalline tungsten oxide films useful for electrochromic devices	Pandurangarao K., Purnachand N., Ravi Kumar V.	School of Electronics	Optical Materials	2020	9253467	https://www.sciencedirect.com/journal/optical-materials	https://www.sciencedirect.com/science/article/pii/S0925346720301427?casa_token=9hphiiwK-UsAAAAA:fo_I8oht3a6R6ZHAvYvldLxuRQmSkfmfehXLkkuQdh0TLwc8hBjZRM6mwLjA2-J0uG8o_0ojI-0	Yes
201	Impact of lateral straggle on linearity performance in gate-modulated (GM) TFET	Saha R., Bhowmick B., Baishya S.	School of Electronics	Applied Physics A: Materials Science and Processing	2020	9478396	https://www.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-020-3373-3	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
202	A novel indirect read technique based SRAM with ability to charge recycle and differential read for low power consumption, high stability and performance	Nayak D., Rout P.K., Sahu S., Acharya D.P., Nanda U., Tripthy D.	School of Electronics	Microelectronics Journal	2020	262692	https://www.sciencedirect.com/journal/microelectronics-journal	https://www.sciencedirect.com/science/article/pii/S0026269219302551?casa_token=Z0XgCPxGlQgAAAAA:-IAEoq4IdCWsSasxbU0wwirBp6mxnUYiHH2h9f6DKdytyqL5CHtryuX7TwYWZKMmOk22lwQAKUA	Yes
203	Multimodal medical image fusion using empirical wavelet decomposition and local energy maxima	Polinati S., Dhuli R.	School of Electronics	Optik	2020	304026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/pii/S0030402619318455?casa_token=wHl82GTPpsEAAAAA:YKMDgAPhwk_jHCABy48rkZfJbumZJcTSmkTo9VlKU8s77x-BAots1FFedVDuSzDe8Q1hOn8-OfU	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
204	Impact of Mole Fractions due to Work Function Variability (WFV) of Metal Gate on Electrical Parameters in Strained SOI-FinFET	Saha R., Bhowmick B., Baishya S.	School of Electronics	Silicon	2020	1876990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-019-00163-z	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
205	Investigation on various training algorithms for robust ANN-PID controller design	Sandeep Rao K., Siva Praneeth V.N., Pavan Kumar Y.V., John Pradeep D.	School of Electronics	International Journal of Scientific and Technology Research	2020	22778616	https://www.ijstr.org/	https://www.researchgate.net/profile/Y-V-Pavan-Kumar/publication/339363553_Investigation_on_Various_Training_Algorithms_for_Robust_ANN-PID_Controller_Design/links/5e5d16e3a6fdccbeba12d4f5/Investigation-on-Various-Training-Algorithms-for-Robust-ANN-PID-Controller-Design.pdf	Yes

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206	Correction to: Rosette plant segmentation with leaf count using orthogonal transform and deep convolutional neural network (Machine Vision and Applications, (2020), 31, 1-2, (6), 10.1007/s00138-019-01056-2)	Praveen Kumar J., Domnic S.	School of Electronics	Machine Vision and Applications	2020	9328092	https://www.springer.com/journal/138	https://link.springer.com/article/10.1007/s00138-019-01056-2	Yes
207	Process Variation Tolerant Wide-band Fast PLL with Reduced Phase Noise using Adaptive Duty Cycle Control Strategy	Nanda U., Acharya D.P., Nayak D.	School of Electronics	International Journal of Electronics	2020	207217	https://www.tandfonline.com/journals/tetn20	https://www.tandfonline.com/doi/abs/10.1080/00207217.2020.1793414	Yes
208	Investigations on a low-profile, filter backed, printed monopole antenna for UWB communication	Bhattacharya A., De A., Roy B., Bhattacharjee A.K.	School of Electronics	Indian Journal of Pure and Applied Physics	2020	195596	http://op.niscpr.res.in/index.php/IJPAP/index	http://op.niscpr.res.in/index.php/IJPAP/article/view/24985	Yes

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209	Rosette plant segmentation with leaf count using orthogonal transform and deep convolutional neural network	Praveen Kumar J., Dominic S.	School of Electronics	Machine Vision and Applications	2020	9328092	https://www.springer.com/journal/138	https://link.springer.com/article/10.1007/s00138-019-01056-2	Yes
210	rVAD: An unsupervised segment-based robust voice activity detection method	Tan Z.-H., Sarkar A.K., Dehak N.	School of Electronics	Computer Speech and Language	2020	8852308	https://www.sciencedirect.com/journal/computer-speech-and-language	https://www.sciencedirect.com/science/article/pii/S0885230819300920	Yes
211	Multi-scale Guided Image and Video Fusion: A Fast and Efficient Approach	Bavirisetti D.P., Xiao G., Zhao J., Dhuli R., Liu G.	School of Electronics	Circuits, Systems, and Signal Processing	2019	0278081X	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-019-01131-z	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
212	Overview on role of asset management systems for smart microgrids	Pavan Kumar Y.V.	School of Electronics	International Journal of Scientific and Technology Research	2019	22778616	https://www.ijstr.org/	https://www.researchgate.net/profile/Y-V-Pavan-Kumar/publication/338209233_Overview_On_Role_Of_Asset_Management_Systems_For_Smart_Microgrids/links/5e12f6b44585159aa4b4845d/Overview-On-Role-Of-Asset-Management-Systems-For-Smart-Microgrids.pdf	No
213	Single Image Super-Resolution Algorithm Possessing Edge and Contrast Preservation	Suryanarayana G., Yang J., Dhuli R.	School of Electronics	International Journal of Image and Graphics	2019	2194678	https://www.worldscientific.com/worldscinet/ijig	https://www.worldscientific.com/doi/abs/10.1142/S0219467819500244	Yes

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							Link to website of the journal	Link to article/paper/abstract of the article	Is it listed in UGC care list
214	Analysis of Signals via Non-Maximally Decimated Non-Uniform Filter Banks	Patel S., Dhuli R., Lall B.	School of Electronics	IEEE Transactions on Circuits and Systems I: Regular Papers	2019	15498328	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8919	https://ieeexplore.ieee.org/abstract/document/8716585/	Yes
215	Structural and physical properties of MnO mixed lead zirconium silicate glass ceramics: Dielectric relaxation spectra and conduction phenomena	Jani Basha S., Kostrzewa M., Ingram A., Reddy A.S.S., Purnachand N., Kumar V.R., Piasecki M., Veeraiah N.	School of Electronics	Journal of Non-Crystalline Solids	2019	223093	https://www.sciencedirect.com/journal/journal-of-non-crystalline-solids	https://www.sciencedirect.com/science/article/pii/S0022309319304004	Yes
216	PSE-AKA: Performance and security enhanced authentication key agreement protocol for IoT enabled LTE/LTE-A networks	Parne B.L., Gupta S., Chaudhari N.S.	School of Electronics	Peer-to-Peer Networking and Applications	2019	19366442	https://www.springer.com/journal/12083	https://link.springer.com/article/10.1007/s12083-019-00785-5	Yes

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217	Performance Analysis of Bidirectional Multiuser Multirelay Transmission Systems with Channel Estimation Error and Hardware Impairment	Mishra A.K., Tiwari S.K., Gowda S.C.M., Singh P.	School of Electronics	IEEE Transactions on Vehicular Technology	2019	189545	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=25	https://ieeexplore.ieee.org/abstract/document/8764369	Yes
218	Structural influence of yttria, scandia and hafnia on emission features of samarium ions in lead antimonate glass system	Kumar V.R., Purnachand N., Srinivasa Rao K., Naga Raju G., Kumar V.R.	School of Electronics	Optical Materials	2019	9253467	https://www.sciencedirect.com/journal/optical-materials	https://www.sciencedirect.com/science/article/pii/S0925346719304094	Yes

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219	Quantum modeling of threshold voltage in Ge dual material gate (DMG) FinFET	Saha R., Bhowmick B., Baishya S.	School of Electronics	Solid-State Electronics	2019	381101	https://www.sciencedirect.com/journal/solid-state-electronics	https://www.sciencedirect.com/science/article/pii/S0038110119301583?casa_token=if4G-sxfzLYAAAAA:DbJmS0Ci29kM4VTHzqChWHjw6K0RcICD0_IZfg2Q3YhvScU8QbEFOJiC894Hod1U1jJThItM43Y	Yes
220	Time-Contrastive Learning Based Deep Bottleneck Features for Text-Dependent Speaker Verification	Sarkar A.K., Tan Z.-H., Tang H., Shon S., Glass J.	School of Electronics	IEEE/ACM Transactions on Audio Speech and Language Processing	2019	23299290	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6570655	https://ieeexplore.ieee.org/abstract/document/8708955	Yes
221	PSEH: A provably secure and efficient handover AKA protocol in LTE/LTE-A network	Gupta S., Parne B.L., Chaudhari N.S.	School of Electronics	Peer-to-Peer Networking and Applications	2019	19366442	https://www.springer.com/journal/12083	https://link.springer.com/article/10.1007/s12083-018-0703-8	Yes

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222	Electrical and Thermal Design of a W-Band Gyrotron Interaction Cavity	Karmakar S., Sudhakar R., Mudiganti J.C., Seshadri R., Kartikeyan M.V.	School of Electronics	IEEE Transactions on Plasma Science	2019	933813	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=27	https://ieeexplore.ieee.org/abstract/document/8730430	Yes
223	Impact of WFV on electrical parameters due to high-k/metal gate in SiGe channel tunnel FET	Saha R., Bhowmick B., Baishya S.	School of Electronics	Microelectronic Engineering	2019	1679317	https://www.sciencedirect.com/journal/microelectronic-engineering	https://www.sciencedirect.com/science/article/pii/S0167931719301133?casa_token=TN_-sSYUUcQAAAAA:46AiHV0M3tzCwX9-lAC6OgjgeRC21PIIAgN6ZQoHRkBQruFqY1vnZtGaLbqdxk04sN7N1tk4Tcw	Yes
224	SRGH: A secure and robust group-based handover AKA protocol for MTC in LTE-A networks	Gupta S., Parne B.L., Chaudhari N.S.	School of Electronics	International Journal of Communication Systems	2019	10745351	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.3934	Yes

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225	Stable-multiband frequency reconfigurable antenna with improved radiation efficiency and increased number of multiband operations	Kumar J., Basu B., Talukdar F.A., Nandi A.	School of Electronics	IET Microwaves, Antennas and Propagation	2019	17518725	https://ietresearch.onlinelibrary.wiley.com/journal/17518733	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-map.2018.5602	Yes
226	Deep insights into electrical parameters due to metal gate WFV for different gate oxide thickness in Si step FinFET	Saha R., Bhowmick B., Baishya S.	School of Electronics	Micro and Nano Letters	2019	17500443	https://ietresearch.onlinelibrary.wiley.com/journal/17500443	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/mnl.2018.5220	Yes
227	Analytical threshold voltage and subthreshold swing model for TMG FinFET	Saha R., Bhowmick B., Baishya S.	School of Electronics	International Journal of Electronics	2019	207217	https://www.tandfonline.com/journals/tetn20	https://www.tandfonline.com/doi/abs/10.1080/00207217.2018.1545258	Yes

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228	Structural and physical characteristics of Au2O3-doped sodium antimonate glasses â€“ Part II electrical characteristics	Ashok J., Kostrzewa M., Ingram A., Nalluri P., Venkatramaiah N., Srinivasa Reddy M., Ravi Kumar V., Veeraiah N.	School of Electronics	Journal of the American Ceramic Society	2019	2782	https://ceramics.onlinelibrary.wiley.com/journal/15512916	https://ceramics.onlinelibrary.wiley.com/doi/abs/10.1111/jace.16013	Yes
229	Image defogging algorithm based on fusion approach	Rao C.M., Srinivasulu P., Sarma C.A., Reddy K.R.	School of Electronics	Journal of Advanced Research in Dynamical and Control Systems	2019	1943023x	http://jardcs.org/index.php	http://jardcs.org/abstract.php?id=417	Yes
230	Linearity improvement in E-mode ferroelectric GaN MOS-HEMT using dual gate technology	Panda D.K., Lenka T.R.	School of Electronics	Micro and Nano Letters	2019	17500443	https://ietresearch.onlinelibrary.wiley.com/journal/17500443	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/mnl.2018.5499	Yes

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231	Design Challenges of Rectenna for Energy Harvesting from Microwave Pollution	Kumar J., Kumar R., Basu B., Talukdar F.A., Kumar A.	School of Electronics	Asian Journal of Water, Environment and Pollution	2019	9729860	https://content.iospress.com/journals/asian-journal-of-water-environment-and-pollution/20/1	https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw190015	Yes
232	Performance evaluation of hetero-stacked TFET for variation in lateral straggle and its application as digital inverter	Vanlalawmpuia K., Saha R., Bhowmick B.	School of Electronics	Applied Physics A: Materials Science and Processing	2018	9478396	https://www.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-018-2121-4	Yes
233	Multimode-inspired low cross-polarization multiband antenna fabricated using graphene-based conductive ink	Kumar J., Basu B., Talukdar F.A., Nandi A.	School of Electronics	IEEE Antennas and Wireless Propagation Letters	2018	15361225	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7727	https://ieeexplore.ieee.org/document/8454308	Yes

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234	A multi-layered dual-band on-body conformal integrated antenna for WBAN communication	Hazarika B., Basu B., Kumar J.	School of Electronics	AEU - International Journal of Electronics and Communications	2018	14348411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/pii/S1434841118310173	Yes
235	A novel charge recycle read write assist technique for energy efficient and fast 20â€¯nm 8T-SRAM array	Nayak D., Acharya D.P., Rout P.K., Nanda U.	School of Electronics	Solid-State Electronics	2018	381101	https://www.sciencedirect.com/journal/solid-state-electronics	https://doi.org/10.1016/j.sse.2018.07.005	Yes
236	Temperature effect on RF/analog and linearity parameters in DMG FinFET	Saha R., Bhowmick B., Baishya S.	School of Electronics	Applied Physics A: Materials Science and Processing	2018	9478396	https://www.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-018-2068-5	Yes

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237	Violet-blue emission characteristics of Pr3+ ions codoped with Ti4+ ions in lead arsenate glass system	Sudhakar P., Kumar V.R., Kumar V.R., Purnachand N., Reddy A.S.S., Veeraiah N.	School of Electronics	Journal of Luminescence	2018	222313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/pii/S0022231317321245	Yes
238	Positron annihilation exploration of voids in zinc zirconium borate glass ceramics entrenched with ZnZrO3 perovskite crystal phases	Siva Sesha Reddy A., Kostrzewa M., Ingram A., Purnachand N., Bragiel P., Ravi Kumar V., Kityk I.V., Veeraiah N.	School of Electronics	Journal of the European Ceramic Society	2018	9552219	https://www.sciencedirect.com/journal/journal-of-the-european-ceramic-society	https://www.sciencedirect.com/science/article/pii/S0955221917307513	Yes
239	Laser stimulated third harmonic generation studies in ZnOâ€“Ta2O5â€“B2O3 glass ceramics entrenched with Zn3Ta2O8 crystal phases	Siva Sesha Reddy A., Jedryka J., Ozga K., Ravi Kumar V., Purnachand N., Kityk I.V., Veeraiah N.	School of Electronics	Optical Materials	2018	9253467	https://www.sciencedirect.com/journal/optical-materials	https://doi.org/10.1016/j.optmat.2017.12.030	Yes

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240	High performance PLL for multiband GSM applications	Umakanta Nanda, Debiprasad Priyabrata Acharya, Debasish Nayak, Prakash Kumar Rout	School of Electronics	International Journal of Nanoparticles	2018	17532507	https://www.inderscience.com/jhome.php?jcode=ijnp	https://doi.org/10.1504/IJNP.2018.094049	Yes