

List of Journals Published in UGC-CARE list Group A

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number	Link of the recognition in UGC enlistment of the Journal
1	Characterization studies on Calotropis procera fibers and their performance as reinforcements in epoxy matrix	Yoganandam K., Ganesan P., NagarajaGanesh B., Raja K.	Mechanical Engineering	Journal of Natural Fibers	2019	1544-0478	https://www.scopus.com/sourceid/130154
2	An investigation of mechanical properties of madar fiber reinforced polyester composites for various fiber length and fiber content	Ganesan P., Kumaran S.S., Raja K., Venkateswarlu D.	Mechanical Engineering	Materials Research Express	2019	2053-1591	https://www.scopus.com/sourceid/21100432452
3	Detection of Moving Object in Dynamic Visual Sequences Based on Partial Least Squares Classifier	Balakumar S., Sundaramoorthy S., Bhoopalan R., Prabhakar G.	Electrical and Electronics Engineering	Journal of Medical Systems	2019	0148-5598	https://www.scopus.com/sourceid/23710
4	Anfis Classifier Based Moving Object Detection and Segmentation in Indoor and Outdoor Environments	G. Prabhakar, A. Shyamala, S. Selvaperumal	Electrical and Electronics Engineering	Current Signal Transduction Therapy	2019	1574-3624	https://www.scopus.com/sourceid/5800173390
5	ANN-based Maximum Power Point Tracking for a Large Photovoltaic Farm Through Wireless Sensor Networks	G. Prabhakar, K. Annaraja, S. S. Sundaram, S. Selvaperumal,	Electrical and Electronics Engineering	Current Signal Transduction Therapy	2019	1574-3625	https://www.scopus.com/sourceid/5800173390
6	Gender classification from face images by mixing the classifier outcome of prime, distinct descriptors	Geetha A., Sundaram M., Vijayakumari B.	Electronics and Communication Engineering	Neurocomputing	2019	0925-2312	https://www.scopus.com/sourceid/24807
7	Fractional delay segments method on time-delayed recurrent neural networks with impulsive and stochastic effects: An exponential stability approach	Maharajan C., Raja R., Cao J., Rajchakit G.	Mathematics	Neurocomputing	2019	0925-2312	https://www.scopus.com/sourceid/24807
8	Analysis of Thermo chemical behaviour of Calotropis procera parts for their Potentiality	Radhaby G., Pugazhvadivu M., Ganesan P., Ramshankar P.	Mechanical Engineering	International Journal of Ambient Energy	2019	0143-0750	https://www.scopus.com/sourceid/26672
9	Emission study on alcohol-biodiesel propelled compression ignition engine	Vinayagam M., Balamurugan G., Vijayanand G., Hafeez M.M.A.	Mechanical Engineering	International Journal of Ambient Energy	2019	0143-0750	https://www.scopus.com/sourceid/26672
10	Assessment of natural cellulosic fibers derived from Senna auriculata for making light weight industrial biocomposites	NagarajaGanesh B., Ganesan P., Ramshankar P., Raja K.	Mechanical Engineering	Industrial Crops and Products	2019	0926-6690	https://www.scopus.com/sourceid/32791
11	Performance Evaluation and substrate removal kinetics of an Anaerobic Packed-Bed Biofilm Reactor	Dr.Siddhartha Pandey	Civil Engineering	International Journal of Environmental Research	2019	1735-6865	https://www.scopus.com/sourceid/11500153412
12	Fault data injection attack on car-following model and mitigation based on interval type-2 fuzzy logic controller	Prabhakar Gunasekaran, Selvaperumal sundaramoorthy, Nedumal Pugazhenth	Electrical and Electronics Engineering	IET Cyber-Physical Systems: Theory & Applications	2018	2398-3396	https://www.scopus.com/sourceid/21100912216
13	Role of Temperature on the Phase Modification of TiO ₂ Nanoparticles Synthesized by the Precipitation Method	Kalaivani T., Anilkumar P.	Chemistry	Silicon	2018	1876-9918	https://www.scopus.com/sourceid/19400158637
14	Calotropis gigantea fibers: A potential reinforcement for polymer matrices	Ganesan P., NagarajaGanesh B., Ramshankar P., Raja K.	Mechanical Engineering	International Journal of Polymer Analysis and Characterization	2018	1023-666X	https://www.scopus.com/sourceid/13089
15	Optimization and biodiesel production from Prosopis julifera oil with high free fatty acids	Rajeshwaran, M., Ganesan, P., Raja, K.	Mechanical Engineering	Journal of Applied Fluid Mechanics	2018	1735-3572	https://www.scopus.com/sourceid/15500154701
16	Mechanical properties of alkali-treated Madar and Gongura fibre-reinforced polymer composites	Yoganandam K., Ramshankar P., Ganesan P., Raja K.	Mechanical Engineering	International Journal of Ambient Energy	2018	2162-8246	https://www.scopus.com/sourceid/26672

17	Internet of things based industrial automation using BLDC motor application with resilient directed neural network control FED virtual Z source multilevel inverter topology	S.Sivaranjani	Electrical and Electronics Engineering	Wireless Personal Communications	2018	0929-6212	https://www.scopus.com/sourceid/20725
18	Structural, mechanical and magnetic study on galvanostatic electroplated nanocrystalline NiFeP thin films	Kalaivani A., Senguttuvan G., Kannan R.	Chemistry	Materials Research Express	2018	2053-1591	https://www.scopus.com/sourceid/21100432452
19	Design and Numerical Analysis of Distortion Control in Impeller cover plates by using special fixture	V.Nirmal Kannan, Dr.R.Parthasarathi, P.Raju, A.M.Vinoth Kumar and Rajesh	Mechanical Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
20	Productivity enhancement using automation of removing refractory lining hydraulic mechanism	V.Nirmal Kannan, T.S.Kiruba Sankar, Sathish Pandian, Arun and Ramya	Mechanical Engineering	Journal of Advanced Research in Dynamical & Control Systems	2018	1943-023X	https://www.scopus.com/sourceid/20500195215
21	Breast cancer early detection using X – ray images	Kalaichelvi, K., Aarthi, R., Abinaya, M., Afreetha, A., Bavatharani, T.	Computer Science and Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
22	A new hill cipher algorithm for image encryption with self invertible matrix	Rajesh Kumar, S., Periyasamy, K., Manojkumar, S., Poomani, S., Karuppiyah, S.	Computer Science and Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
23	Power Consumption In Smart Home Using Raspberry Pi	Prabakaran Selvaraj, Parthiban Mohandas, Gunasekaran Sankar, S.Sugambari, R Subashini, T.Sujitha	Computer Science and Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
24	Numerical Analysis of Bistability and Chaos in Bisection Laser Diode	P.Deepiha, C.Rimya, S.Piramasubramanian, M.Ganesh Madhan	Electronics and Communication Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
25	Improved K-Means With Fuzzy-Genetic Algorithm For Outlier Detection In Multi-Dimensional Databases	Dr.C.Sumithirdevi, M.Parthiban, K. Manivannan, P.Anbumani, M.Senthil Kumar	Computer Science and Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
26	Polar ice image segmentation using improved estimation and normalization of illumination	Adaline Suji, R., Bright Anand, D., Lenin Babu, R	Electronics and Communication Engineering	Cluster Computing	2018	1573-7543	https://www.scopus.com/sourceid/24596
27	Industrial effluent treatment by Moringa Oleifera as natural coagulant of different particle size	Balaji, V., Anand Kumar Varma, S., Ashwin, R.	Civil Engineering	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2018	0972-3005	https://www.scopus.com/sourceid/19632
28	Design of archimedean spiral antenna for radar applications	Kumar, S.R., Jeevitha, E., Keerthi, V., Kiruthika, S., Manimekalai, V.	Electronics and Communication Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.scopus.com/sourceid/19700182690
29	Adaptive Batch Mode Active Learning Technique Using an Improved Time Adaptive Support Vector Machine for Classification of Remote Sensed Image Applications	Dr.D.Bright Anand, Saravanan, R.Suji, R.Adaline	Electronics and Communication Engineering	Journal of Computational and Theoretical Nanoscience	2017	1546-1955	https://www.scopus.com/sourceid/28136
30	Image Fusion - Novel Approach of Contrast Enhancement by Discrete Shearlet Transform(DST)	Dr.D.Bright Anand, Suji, R.Adaline, R.Saravanan	Electronics and Communication Engineering	Journal of Computational and Theoretical Nanoscience	2017	1546-1955	https://www.scopus.com/sourceid/28136

31	Medical image fusion based on multiscale transforms	Gomathi P.S., Kalaavathi B.	Electronics and Communication Engineering	Journal of Medical Imaging and Health Informatics	2017	2156-7018	https://www.scopus.com/sourceid/21100247092
32	FLC-based SOGI controller for photovoltaic-operated STATCOM for current harmonic elimination	Gokulakrishnan B., Govindaraj T.	Electrical and Electronics Engineering	Journal of Testing and Evaluation	2017	1945-7553	https://www.scopus.com/sourceid/21205
33	Design and implementation of hybrid cascaded energy efficient Kogge stone adder	Vignesh, J., Gajendran, E., Khan, S., Balakumar, N., Prabhu, S.R.B.	Civil Engineering	ARPJ Journal of Engineering and Applied Sciences	2017	1819-6608	https://www.scopus.com/sourceid/21100200825
34	Synthesis, spectral, structural, thermal and optical studies on dimethylammonium 4-nitrobenzoate - An organic charge transfer complex	Kumar G.D., Amirthaganesan G., Sethuram M.	Chemistry	Optik	2016	1618-1336	https://www.scopus.com/sourceid/110152
35	Landfill selection criteria in recycling sector using MCDM tools	Barnabas S.G., Sivakumar G.D., Pandian G.S., Amuthan T., Ezhilvannan R., Janani B.	Mechanical Engineering	Ecology, Environment and Conservation	2016	0971-765X	https://www.scopus.com/sourceid/14598
36	Large-Scale data Analysis on Aviation Accident Database using different data mining techniques	A.B. Arockia Christopher, V. Shunmughavel Vivekanandam, A.B. Antony Anderson, S. Markkandeyan	Computer Science and Engineering	Aeronautical Journal	2016	0001-9240	https://www.scopus.com/sourceid/12444
37	Low leakage power gating technique for subnanometer CMOS circuits	Manickam K., Thangavel G.	Electronics and Communication Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2016	1300-0632	https://www.scopus.com/sourceid/22933
38	Performance comparison of texture feature analysis methods using PNN classifier for segmentation and classification of brain CT images	Padma A., Giridharan N.	Computer Science and Engineering	International Journal of Imaging Systems and Technology	2016	0899-9457	https://www.scopus.com/sourceid/35932
39	Prediction of ground level concentrations of NO2 in a thermal Power project using ISCST3 model	S. Anand Kumar Varma, K. R. Manjula	Civil Engineering	Indian Journal of Science and Technology	2016	0974-6846	https://www.scopus.com/sourceid/21100201522
40	Forecasting of tropospheric ozone concentrations using artificial neural networks in the vicinity of a thermal power project	S. Anand Kumar Varma, K. R. Manjula	Civil Engineering	Indian Journal of Science and Technology	2016	0974-6846	https://www.scopus.com/sourceid/21100201522
41	Low-Power Multimodal Switch for Leakage Reduction and Stability Improvement in SRAM Cell	Kavitha M., Govindaraj T.	Electrical and Electronics Engineering	Arabian Journal for Science and Engineering	2016	2191-4281	https://www.scopus.com/sourceid/13951
42	Prediction of SPM, SO2 and NO2 concentrations in the vicinity of cement industry using Gaussian model	Anand Kumar Varma, S., Sathish, U., Nagarajan, N	Civil Engineering	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2016	0975-8585	https://www.scopus.com/sourceid/19700188422
43	High performance of CSI FED im drives at low speed operation with mras based estimation of stator resistance	Selvam, N.P., Rajasekaran, V., Sakthivel, R., Vijayalakshmi, B.	Electrical and Electronics Engineering	International Journal of Electrical Engineering	2016	1812-3031	https://www.scopus.com/sourceid/145378
44	Score level fusion of multiple features for efficient personal recognition	Esther Rani, P. and R.Shanmugalakshmi	Electronics and Communication Engineering	ARPJ Journal of Engineering and Applied Sciences	2015	1819-6608	https://www.scopus.com/sourceid/21100200825
45	Regional firing characteristic of PCNN-based multimodal medical image fusion in NSCT domain	Sivasangamani S., Gomathi P.S., Kalaavathi B.	Electronics and Communication Engineering	International Journal of Biomedical Engineering and Technology	2015	1752-6418	https://www.scopus.com/sourceid/19700186853
46	Performance analysis of DTC-CSI fed IPMSM drive at very low speed with stator resistance compensation	Panneer Selvam N., Rajasekaran V., Jayanthi N.	Electrical and Electronics Engineering	Indian Journal of Science and Technology	2015	0974-6846	https://www.scopus.com/sourceid/21100201522

47	A low power and high reliability magnetic full adder based on separated pre-charge sensing amplifier	Jayasingh.T, T.Selvakumar	Electronics and Communication Engineering	International Journal of Applied Engineering Research	2015	0973-9769	https://www.scopus.com/sourceid/21100217234
48	Reconfigurable systematic codeword architecture based error detection and correction algorithm using adder circuit	D.S.Priyanka, Gayathri Devi, M.,	Electronics and Communication Engineering	International Journal of Applied Engineering Research	2015	0973-9769	https://www.scopus.com/sourceid/21100217234
49	Regional firing characteristic of PCNN-based multimodal medical image fusion in NSCT domain	Sivasangumani S., Gomathi P.S., Kalaavathi B.	Electronics and Communication Engineering	International Journal of Biomedical Engineering and Technology	2015	1752-6426	https://www.scopus.com/sourceid/19700186853
50	Increasing the life time of the network by adjusting the transmission power of nodes based on received signal strength in wireless sensor networks	Jegadeesan. S., Prasanna Venkatesan, G.K.D	Electronics and Communication Engineering	Research Journal of Applied Sciences, Engineering and Technology	2014	2040-7459	https://www.scopus.com/sourceid/19700187706
51	Implementation of VLSI model as a tool in diagnostics of slowly varying process parameters which affect the performance of steam turbine	Sivakumar L., Devi S.	Electronics and Communication Engineering	Applied Soft Computing Journal	2014	1568-4946	https://www.scopus.com/sourceid/18136
52	A computational study of flow mal-distribution on the thermal hydraulic performance of an intermediate heat exchanger in LMR-RR	Dr.S.Suyambazhahan	Mechanical Engineering	Journal of Nuclear science and technology	2014	1881-1248	https://www.scopus.com/sourceid/29028
53	Enhanced utility in search log publishing of infrequent items	Belinsha, S., Raghavendra, A.P.V.	Computer Science and Engineering	International Journal of Information Technology and Web Engineering	2014	1554-1053	https://www.scopus.com/sourceid/11900154400

The above listed journals are verified as per UGC-CARE list Group A and the relevant link with scopus source id is provided.