

Publications in National & International Journals with Impact Factor

S. No.	Title of the Publication	Journal Published	Year	Impact Factor & DOI
1.	C-DEWS: Design of a Comprehensive Dementia Early Warning System using Fuzzy Cognitive Map	Cognitive Systems Research (Accepted for Publication)		Impact Factor: 1.384 SNIP:0.977 SJR:0.291
2.	Incremental learning for Classification of Unstructured Data Using Extreme Learning Machine	MDPI Journal on Algorithms	2018	DOI: 10.3390/a11100158
3.	Combined Vibration and RF Harvester (CvRF) Technique	<u>International Journal of Networking and</u>	2018	

	for Energy Management in Sensor Device	<u>Virtual Organisations</u>		
4.	Biogeography-Based Krill Herd algorithm for Energy Efficient Clustering in Wireless Sensor Networks for Structural Health Monitoring Application	Journal of Ambient Intelligence and Smart Environments, IOS PRESS SCI-E Indexed	2018	Impact Factor: 1.186 SJR:0.27 DOI:10.3233/AIS-170468
5.	Application of Fuzzy Cognitive Map method for Geospatial Dengue Outbreak Risk Prediction of Tropical regions of Southern India	Intelligent Decision Technologies IOS PRESS Scopus Indexed	2018	DOI: 10.3233/IDT-180330
6.	Fuzzy Rough Set Inspired Rate Adaptation and resource allocation using Hidden Markov Model (FRSIRA-HMM) in mobile ad hoc networks	Cluster Computing Springer	2018	Impact Factor: 1.851 DOI: 10.1007/s10586-018-1783-1
7.	Intelligent Comfort Management Agent for Smart Residential Buildings using an Updated Q Learning Algorithm	International Journal of Computational Intelligence Studies, Inder Science Publications	2017	DOI: 10.1504/IJCISTUDIES.2017.10010021
8.	Delay analysis using dynamic scheduling and congestion control for multihop wireless networks	Perspectivas em Ciencia da Informacao	2017	
9.	An Erlang Factor Integrated Channel Allocation Method for Boosting Quality of Services in mobile ad hoc networks	Computers & Electrical Engineering Elsevier SCI-E Indexed	2017	Impact Factor: 2.337 DOI: 10.1016/j.compeleceeng.2017.12.024
10.	Automated Integrated Clustering Algorithm for Mammographic Mass Segmentation	Pakistan Journal of Biotechnology (Scopus Indexed)	2017	

11.	Threshold-based Energy Efficient Clustering Protocol for Corrosion Risk Monitoring of Reinforced Concrete	International Journal of Computer Applications	2017	DOI: 10.5120/ijca2017912343
12.	Hybrid learning of fuzzy cognitive maps for sugarcane yield classification	Computers and Electronics in Agriculture Elsevier SCI-E Indexed	2016	DOI: 10.13140/RG.2.1.3962.0089 Impact Factor: 3.538 SNIP: 1.833 SJR: 0.950
13.	An Enhanced delay sensitive packet scheduling to maximize network lifetime	Wireless Personal Communications Springer SCI-E Indexed	2016	Impact Factor: 0.929 DOI: 10.1007/s11277-016-3376-8
14.	A Computer-assisted Crack Predicting System for Oil and Gas Pipelines Using Fuzzy Cognitive Map	Middle East Journal of Scientific Research	2015	DOI: 10.5829/idosi.ejas.2015.7.3.22254
15.	A Novel Smart Home Energy Management System for Residential Buildings	Medwell Journals	2016	DOI: 10.36478/ajit.2016.3793.3800
16.	Hybrid ANFIS Models for Short Term Energy Demand Forecasting	International journal of Printing, Packaging and Allied Sciences	2016	
17.	Application of fuzzy cognitive maps for crack categorization in columns of reinforced concrete structures	Neural Computing and Application Springer SCI-E Indexed	2016	DOI: 10.1007/s00521-016-2313-9 Impact Factor: 4.664
18.	A Risk Management Model for Familial Breast Cancer: A New Application using Fuzzy Cognitive Map method	Computer Methods and Programmes in Biomedicine Elsevier SCI-E Indexed	2015	Impact Factor: 3.424 DOI: 10.1016/j.cmpb.2015.07.003. SNIP: 1.705 SJR: 0.753
19.	An Integrated breast cancer risk assessment and Risk Management model based on Fuzzy Cognitive Maps	Computer Methods and Programmes in Biomedicine	2015	Impact Factor: 3.424 SNIP: 1.705 SJR: 0.753

		Elsevier SCI-E Indexed		DOI: 10.1016/j.cmpb.2015.01.001
20.	Application of Fuzzy Cognitive Maps for Coconut yield management in Malabar region of Southern India	Neural Computing and Application Springer	2015	Impact Factor: 4.464 DOI: 10.1007/s00521-015-1864-5
21.	Mammographic Image Enhancement Using Indirect Contrast Enhancement Techniques–A Comparative Study	Procedia Computer Science, Elsevier	2015	DOI: 10.1016/j.procs.2015.03.205 SNIP: 0.883 SJR: 0.281