

Junita Mohamad-Saleh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	734 citations	14 h-index	26 g-index
72 ext. papers	921 ext. citations	3.1 avg, IF	4.59 L-index

#	Paper	IF	Citations
60	Comparison of surface properties of wood biomass activated carbons and their application against rhodamine B and methylene blue dye. <i>Surfaces and Interfaces</i> , 2018 , 11, 1-13	4.1	99
59	Discrimination and classification of fresh-cut starfruits (<i>Averrhoa carambola</i> L.) using automated machine vision system. <i>Journal of Food Engineering</i> , 2006 , 76, 506-523	6	79
58	A new Reinforcement Learning-based Memetic Particle Swarm Optimizer. <i>Applied Soft Computing Journal</i> , 2016 , 43, 276-297	7.5	71
57	Hybrid Human Skin Detection Using Neural Network and K-Means Clustering Technique. <i>Applied Soft Computing Journal</i> , 2015 , 33, 337-347	7.5	55
56	A hybrid sensing approach for pure and adulterated honey classification. <i>Sensors</i> , 2012 , 12, 14022-40	3.8	52
55	A hybrid model of fuzzy ARTMAP and genetic algorithm for data classification and rule extraction. <i>Expert Systems With Applications</i> , 2016 , 49, 74-85	7.8	45
54	Intelligent color vision system for ripeness classification of oil palm fresh fruit bunch. <i>Sensors</i> , 2012 , 12, 14179-95	3.8	36
53	Hybrid bio-Inspired computational intelligence techniques for solving power system optimization problems: A comprehensive survey. <i>Applied Soft Computing Journal</i> , 2018 , 69, 72-130	7.5	23
52	A Q-learning-based multi-agent system for data classification. <i>Applied Soft Computing Journal</i> , 2017 , 52, 519-531	7.5	20
51	A memetic-based fuzzy support vector machine model and its application to license plate recognition. <i>Memetic Computing</i> , 2016 , 8, 235-251	3.4	20
50	Q-learning-based simulated annealing algorithm for constrained engineering design problems. <i>Neural Computing and Applications</i> , 2020 , 32, 5147-5161	4.8	17
49	Evaluating the Surface Free Energy and Moisture Sensitivity of Warm Mix Asphalt Binders Using Dynamic Contact Angle. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-15	1.3	14
48	Enhanced Global-Best Artificial Bee Colony Optimization Algorithm 2012 ,		14
47	An enhanced generalized adaptive resonance theory neural network and its application to medical pattern classification. <i>Journal of Intelligent and Fuzzy Systems</i> , 2010 , 21, 65-78	1.6	14
46	Multiple-global-best guided artificial bee colony algorithm for induction motor parameter estimation. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2014 , 22, 620-636	0.9	13
45	A neural network-based multi-agent classifier system with a Bayesian formalism for trust measurement. <i>Soft Computing</i> , 2011 , 15, 221-231	3.5	13
44	Determination of multi-component flow process parameters based on electrical capacitance tomography data using artificial neural networks. <i>Measurement Science and Technology</i> , 2002 , 13, 1815-1821	1.2	13

43	Enhanced probability-selection artificial bee colony algorithm for economic load dispatch: A comprehensive analysis. <i>Engineering Optimization</i> , 2014 , 46, 1315-1330	2	11
42	An oil fraction neural sensor developed using electrical capacitance tomography sensor data. <i>Sensors</i> , 2013 , 13, 11385-406	3.8	10
41	Face sketch recognition using a hybrid optimization model. <i>Neural Computing and Applications</i> , 2019 , 31, 6493-6508	4.8	10
40	Hierarchical Skin-AdaBoost-Neural Network (H-SKANN) for multi-face detection. <i>Applied Soft Computing Journal</i> , 2018 , 68, 172-190	7.5	9
39	Color space selection for human skin detection using color-texture features and neural networks 2014 ,		8
38	Direct process estimation from tomographic data using artificial neural systems. <i>Journal of Electronic Imaging</i> , 2001 , 10, 646	0.7	7
37	Plug-in Electric Vehicle Charging Optimization Using Bio-Inspired Computational Intelligence Methods. <i>Studies in Systems, Decision and Control</i> , 2018 , 135-147	0.8	6
36	Robust variant of artificial bee colony (JA-ABC4b) algorithm. <i>International Journal of Bio-Inspired Computation</i> , 2017 , 10, 99	2.9	6
35	Oil palm fresh fruit bunch ripeness classification using artificial neural network 2012 ,		6
34	A hybrid algorithm of ABC variant and enhanced EGS local search technique for enhanced optimization performance. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 74, 10-22	7.2	6
33	Normative fish swarm algorithm (NFSA) for optimization. <i>Soft Computing</i> , 2020 , 24, 2083-2099	3.5	5
32	Map-Reduce based tipping point scheduler for parallel image processing. <i>Expert Systems With Applications</i> , 2020 , 139, 112848	7.8	5
31	Design and simulation of a parallel adaptive arbiter for maximum CPU utilization using multi-core processors. <i>Computers and Electrical Engineering</i> , 2015 , 47, 51-68	4.3	4
30	2015 ,		4
29	Intelligent scout-bee based Artificial Bee Colony optimization algorithm 2012 ,		4
28	Multilayered perceptron (MLP) network trained by recursive least squares algorithm 2005 ,		4
27	Modified artificial bee colony algorithm for reactive power optimization 2015 ,		3
26	New enhanced artificial bee colony (JA-ABC5) algorithm with application for reactive power optimization. <i>Scientific World Journal, The</i> , 2015 , 2015, 396189	2.2	3

25	Fusion technique for honey purity estimation using artificial neural network 2014 ,		3
24	Analysis using image segmentation for the elemental composition of activated carbon. <i>MethodsX</i> , 2020 , 7, 100983	1.9	3
23	Component-based face sketch recognition using an enhanced evolutionary optimizer. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	2
22	Direct process estimation from tomographic data using artificial neural systems 2001 ,		2
21	Analysis of landslide hazard mapping of penang island malaysia using bivariate statistical methods. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019 , 16, 781	1.6	2
20	Two-Layers Particle Swarm Optimizer 2020 ,		2
19	Artificial Fish Swarm-Inspired Whale Optimization Algorithm for Solving Multimodal Benchmark Functions. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 59-65	0.2	1
18	ANN-BASED SYNCHRONOUS GENERATOR EXCITATION FOR TRANSIENT STABILITY ENHANCEMENT AND VOLTAGE REGULATION. <i>Applied Artificial Intelligence</i> , 2013 , 27, 20-35	2.3	1
17	Q-learning embedded sine cosine algorithm (QLESCA). <i>Expert Systems With Applications</i> , 2022 , 193, 116418	4.8	1
16	A Hybrid Deep Learning Model for Face Sketch Recognition. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 545-551	0.2	1
15	An Augmented Bio-Inspired Algorithm (JA-ABC5a) to Design Optimal Digital IIR Filter. <i>WSEAS Transactions on Systems</i> , 2020 , 19, 307-314	0.5	1
14	Dorsal Hand Vein Image Enhancement Using Fusion of CLAHE and Fuzzy Adaptive Gamma. <i>Sensors</i> , 2021 , 21,	3.8	1
13	Close Proximity Time-to-collision Prediction for Autonomous Robot Navigation: An Exponential GPR Approach. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 11171-11183	6.1	1
12	Study of VGG-19 Depth in Transfer Learning for COVID-19 X-Ray Image Classification. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 930-935	0.2	0
11	Modified normative fish swarm algorithm for optimizing power extraction in photovoltaic systems. <i>Evolutionary Intelligence</i> , 1	1.7	0
10	Enhanced Simulated Annealing for Constrained Design Problems. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 27-33	0.2	
9	AFSA-SLNO Variants for Enhanced Global Optimization. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 513-522	0.2	
8	A Comparative Study of Sine Cosine Optimizer and Its Variants for Engineering Design Problems. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 1083-1089	0.2	

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| 7 | Features Selection for Training Generator Excitation Neurocontroller Using Statistical Methods. <i>Communications in Computer and Information Science</i> , 2011 , 353-364 | 0.3 |
| 6 | Scheduling of workflow jobs based on twostep clustering and lowest job weight. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, e6336 | 1.4 |
| 5 | Robust Modified ABC Variant (JA-ABC5b) for Solving Economic Environmental Dispatch (EED). <i>Lecture Notes in Computer Science</i> , 2016 , 55-67 | 0.9 |
| 4 | An Overview of Multi-Core Network-on-Chip System to Enable Task Parallelization Using Intelligent Adaptive Arbitration. <i>Lecture Notes in Mechanical Engineering</i> , 2021 , 15-38 | 0.4 |
| 3 | Assessment of Landslide Susceptibility Mapping Using Artificial Bee Colony Algorithm Based on Different Normalizations and Dimension Reduction Techniques. <i>Arabian Journal for Science and Engineering</i> ,1 | 2.5 |
| 2 | MO-NFSA for solving unconstrained multi-objective optimization problems. <i>Engineering With Computers</i> ,1 | 4.5 |
| 1 | Machine learning process information from tomography data 2022 , 427-461 | |