Junita Mohamad-Saleh

List of Publications by Year in Descending Order

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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	Q-learning embedded sine cosine algorithm (QLESCA). *Expert Systems With Applications*, **2022**, 193, 116417	7.8	1
59	AFSA-SLnO Variants for Enhanced Global Optimization. *Lecture Notes in Electrical Engineering*, **2022** , 513-522	0.2	
58	A Hybrid Deep Learning Model for Face Sketch Recognition. *Lecture Notes in Electrical Engineering*, **2022**, 545-551	0.2	1
57	A Comparative Study of Sine Cosine Optimizer and Its Variants for Engineering Design Problems. *Lecture Notes in Electrical Engineering*, **2022**, 1083-1089	0.2	
56	Study of VGG-19 Depth in Transfer Learning for COVID-19 X-Ray Image Classification. *Lecture Notes in Electrical Engineering*, **2022**, 930-935	0.2	0
55	Machine learning process information from tomography data **2022**, 427-461		
54	Close Proximity Time-to-collision Prediction for Autonomous Robot Navigation: An Exponential GPR Approach. *AEJ - Alexandria Engineering Journal*, **2022**, 61, 11171-11183	6.1	1
53	Scheduling of workflow jobs based on twostep clustering and lowest job weight. *Concurrency Computation Practice and Experience*, **2021**, 33, e6336	1.4	
52	An Overview of Multi-Core Network-on-Chip System to Enable Task Parallelization Using Intelligent Adaptive Arbitration. *Lecture Notes in Mechanical Engineering*, **2021**, 15-38	0.4	
51	Dorsal Hand Vein Image Enhancement Using Fusion of CLAHE and Fuzzy Adaptive Gamma. *Sensors*, **2021**, 21,	3.8	1
50	An Augmented Bio-Inspired Algorithm (JA-ABC5a) to Design Optimal Digital IIR Filter. *WSEAS Transactions on Systems*, **2020**, 19, 307-314	0.5	1
49	Two-Layers Particle Swarm Optimizer **2020**,		2
48	Analysis using image segmentation for the elemental composition of activated carbon. *MethodsX*, **2020**, 7, 100983	1.9	3
47	Q-learning-based simulated annealing algorithm for constrained engineering design problems. *Neural Computing and Applications*, **2020**, 32, 5147-5161	4.8	17
46	Normative fish swarm algorithm (NFSA) for optimization. *Soft Computing*, **2020**, 24, 2083-2099	3.5	5
45	Map-Reduce based tipping point scheduler for parallel image processing. *Expert Systems With Applications*, **2020**, 139, 112848	7.8	5
44	Component-based face sketch recognition using an enhanced evolutionary optimizer. *SN Applied Sciences*, **2019**, 1, 1	1.8	2

43	Enhanced Simulated Annealing for Constrained Design Problems. *Lecture Notes in Electrical Engineering*, **2019**, 27-33	0.2	
42	Artificial Fish Swarm-Inspired Whale Optimization Algorithm for Solving Multimodal Benchmark Functions. *Lecture Notes in Electrical Engineering*, **2019**, 59-65	0.2	1
41	Evaluating the Surface Free Energy and Moisture Sensitivity of Warm Mix Asphalt Binders Using Dynamic Contact Angle. *Advances in Civil Engineering*, **2019**, 2019, 1-15	1.3	14
40	Analysis of landslide hazard mapping of penang island malaysia using bivariate statistical methods. *Indonesian Journal of Electrical Engineering and Computer Science*, **2019**, 16, 781	1.6	2
39	Face sketch recognition using a hybrid optimization model. *Neural Computing and Applications*, **2019**, 31, 6493-6508	4.8	10
38	Plug-in Electric Vehicle Charging Optimization Using Bio-Inspired Computational Intelligence Methods. *Studies in Systems, Decision and Control*, **2018**, 135-147	0.8	6
37	Comparison of surface properties of wood biomass activated carbons and their application against rhodamine B and methylene blue dye. *Surfaces and Interfaces*, **2018**, 11, 1-13	4.1	99
36	Hybrid bio-Inspired computational intelligence techniques for solving power system optimization problems: A comprehensive survey. *Applied Soft Computing Journal*, **2018**, 69, 72-130	7.5	23
35	Hierarchical Skin-AdaBoost-Neural Network (H-SKANN) for multi-face detection. *Applied Soft Computing Journal*, **2018**, 68, 172-190	7.5	9
34	A hybrid algorithm of ABC variant and enhanced EGS local search technique for enhanced optimization performance. *Engineering Applications of Artificial Intelligence*, **2018**, 74, 10-22	7.2	6
33	A Q-learning-based multi-agent system for data classification. *Applied Soft Computing Journal*, **2017** , 52, 519-531	7.5	20
32	Robust variant of artificial bee colony (JA-ABC4b) algorithm. *International Journal of Bio-Inspired Computation*, **2017**, 10, 99	2.9	6
31	A hybrid model of fuzzy ARTMAP and genetic algorithm for data classification and rule extraction. *Expert Systems With Applications*, **2016**, 49, 74-85	7.8	45
30	A new Reinforcement Learning-based Memetic Particle Swarm Optimizer. *Applied Soft Computing Journal*, **2016**, 43, 276-297	7.5	71
29	A memetic-based fuzzy support vector machine model and its application to license plate recognition. *Memetic Computing*, **2016**, 8, 235-251	3.4	20
28	Robust Modified ABC Variant (JA-ABC5b) for Solving Economic Environmental Dispatch (EED). *Lecture Notes in Computer Science*, **2016**, 55-67	0.9	
27	Hybrid Human Skin Detection Using Neural Network and K-Means Clustering Technique. *Applied Soft Computing Journal*, **2015**, 33, 337-347	7.5	55
26	Design and simulation of a parallel adaptive arbiter for maximum CPU utilization using multi-core processors. *Computers and Electrical Engineering*, **2015**, 47, 51-68	4.3	4

25	Modified artificial bee colony algorithm for reactive power optimization **2015**,		3
24	New enhanced artificial bee colony (JA-ABC5) algorithm with application for reactive power optimization. *Scientific World Journal, The*, **2015**, 2015, 396189	2.2	3
23	**2015**,		4
22	Enhanced probability-selection artificial bee colony algorithm for economic load dispatch: A comprehensive analysis. *Engineering Optimization*, **2014**, 46, 1315-1330	2	11
21	Color space selection for human skin detection using color-texture features and neural networks **2014**,		8
20	Multiple-global-best guided artificial bee colony algorithm for induction motor parameter estimation. *Turkish Journal of Electrical Engineering and Computer Sciences*, **2014**, 22, 620-636	0.9	13
19	Fusion technique for honey purity estimation using artificial neural network **2014**,		3
18	ANN-BASED SYNCHRONOUS GENERATOR EXCITATION FOR TRANSIENT STABILITY ENHANCEMENT AND VOLTAGE REGULATION. *Applied Artificial Intelligence*, **2013**, 27, 20-35	2.3	1
17	An oil fraction neural sensor developed using electrical capacitance tomography sensor data. *Sensors*, **2013**, 13, 11385-406	3.8	10
16	Oil palm fresh fruit bunch ripeness classification using artificial neural network **2012**,		6
15	Enhanced Global-Best Artificial Bee Colony Optimization Algorithm **2012**,		14
14	A hybrid sensing approach for pure and adulterated honey classification. *Sensors*, **2012**, 12, 14022-40	3.8	52
13	Intelligent color vision system for ripeness classification of oil palm fresh fruit bunch. *Sensors*, **2012**, 12, 14179-95	3.8	36
12	Intelligent scout-bee based Artificial Bee Colony optimization algorithm **2012**,		4
11	A neural network-based multi-agent classifier system with a Bayesian formalism for trust measurement. *Soft Computing*, **2011**, 15, 221-231	3.5	13
10	Features Selection for Training Generator Excitation Neurocontroller Using Statistical Methods. *Communications in Computer and Information Science*, **2011**, 353-364	0.3	
9	An enhanced generalized adaptive resonance theory neural network and its application to medical pattern classification. *Journal of Intelligent and Fuzzy Systems*, **2010**, 21, 65-78	1.6	14
8	Discrimination and classification of fresh-cut starfruits (Averrhoa carambola L.) using automated machine vision system. *Journal of Food Engineering*, **2006**, 76, 506-523	6	79

7	Multilayered perceptron (MLP) network trained by recursive least squares algorithm **2005**,		4
6	Determination of multi-component flow process parameters based on electrical capacitance tomography data using artificial neural networks. *Measurement Science and Technology*, **2002**, 13, 1815-1821	2	13
5	Direct process estimation from tomographic data using artificial neural systems **2001**,		2
4	Direct process estimation from tomographic data using artificial neural systems. *Journal of Electronic Imaging*, **2001**, 10, 646	0.7	7
3	Assessment of Landslide Susceptibility Mapping Using Artificial Bee Colony Algorithm Based on Different Normalizations and Dimension Reduction Techniques. *Arabian Journal for Science and Engineering*,1	2.5	
2	MO-NFSA for solving unconstrained multi-objective optimization problems. *Engineering With Computers*,1	4.5	
1	Modified normative fish swarm algorithm for optimizing power extraction in photovoltaic systems. *Evolutionary Intelligence*,1	1.7	0