# Junita Mohamad-Saleh

## List of Publications by Year in Descending Order

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|---|---|---|---|
| 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 |

# List of Publications

| 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 |