Chun Kit Ang

List of Publications by Year
in descending order

31 papers	269 citations	1040056 9 h-index	996975 15 g-index
32 all docs	32 docs citations	32 times ranked	144 citing authors

#	Article	IF	Citations
1	Modified Particle Swarm Optimization with Unique Self-cognitive Learning for Global Optimization Problems. Lecture Notes in Electrical Engineering, 2022, , 263-274.	0.4	6
2	Hybrid Deep Learning Model for Fault Detection and Classification of Grid-Connected Photovoltaic System. IEEE Access, 2022, 10, 13852-13869.	4.2	25
3	New Hybridization Algorithm of Differential Evolution and Particle Swarm Optimization for Efficient Feature Selection. Proceedings of International Conference on Artificial Life and Robotics, 2022, 27, 148-152.	0.1	7
4	Classification of faults in grid-connected photovoltaic system based on wavelet packet transform and an equilibrium optimization algorithm-extreme learning machine. Measurement: Journal of the International Measurement Confederation, 2022, 197, 111338.	5.0	13
5	A Novel Deep Learning Framework Based RNN-SAE for Fault Detection of Electrical Gas Generator. IEEE Access, 2021, 9, 21433-21442.	4.2	32
6	Evaluation of surface grinding of AISI 304 stainless steel using dry and compressed air cooling techniques. SN Applied Sciences, 2021, 3, 1.	2.9	1
7	Physicochemical analysis and adulteration detection in Malaysia stingless bee honey using a handheld near‑infrared spectrometer. Journal of Food Processing and Preservation, 2021, 45, e15576.	2.0	11
8	Machine Learning Calibration for Near Infrared Spectroscopy Data: A Visual Programming Approach. Lecture Notes in Electrical Engineering, 2021, , 577-590.	0.4	3
9	Modified Particle Swarm Optimization for Robust Anti-swing Gantry Crane Controller Tuning. Lecture Notes in Electrical Engineering, 2021, , 1173-1192.	0.4	11
10	Joystick Controlled Passive Compliance Stewart-Gough Platform. , 2021, , .		0
11	Analysis of a Modified Single Phase Multilevel Cascaded Inverter Circuit. , 2020, , .		2
12	Hybrid 3D-ResNet Deep Learning Model for Automatic Segmentation of Thoracic Organs at Risk in CT Images. , 2020, , .		8
13	Optimization and Selection of Maintenance Policies in an Electrical Gas Turbine Generator Based on the Hybrid Reliability-Centered Maintenance (RCM) Model. Processes, 2020, 8, 670.	2.8	14
14	A Teaching-Learning-Based Optimization with Modified Learning Phases for Continuous Optimization. Advances in Intelligent Systems and Computing, 2020, , 103-124.	0.6	6
15	EEG based Drowsiness Detection using Relative Band Power and Short-time Fourier Transform. Journal of Robotics, Networking and Artificial Life, 2020, 7, 147.	0.4	6
16	Robust H∞ controller design for flexible link manipulator based on constrained metaheuristics optimization algorithms. Proceedings of International Conference on Artificial Life and Robotics, 2020, 25, 338-342.	0.1	0
17	Implementation of the X-means Clustering Algorithm for Wireless Sensor Networks. Proceedings of International Conference on Artificial Life and Robotics, 2020, 25, 333-337.	0.1	1
18	Simulation of SPWM Fed Three-phase Induction Motor Drive Mathematical Model Using MATLAB Simulink. Journal of Robotics, Networking and Artificial Life, 2020, 7, 170.	0.4	0

#	Article	IF	Citations
19	Development of a footstep power generator in converting kinetic energy to electricity. E3S Web of Conferences, 2019, 80, 02001.	0.5	10
20	Magnetic, thermal stability and dynamic mechanical properties of beta isotactic polypropylene/natural rubber blends reinforced by NiZn ferrite nanoparticles. Defence Technology, 2019, 15, 958-963.	4.2	18
21	Identification and Prioritization of Risk Factors in an Electrical Generator Based on the Hybrid FMEA Framework. Energies, 2019, 12, 649.	3.1	23
22	Food powders classification using handheld Near-Infrared Spectroscopy and Support Vector Machine. Journal of Physics: Conference Series, 2019, 1367, 012029.	0.4	6
23	Development of non-destructive mango assessment using Handheld Spectroscopy and Machine Learning Regression. Journal of Physics: Conference Series, 2019, 1367, 012030.	0.4	13
24	Study of Plantar Pressure Distribution. MATEC Web of Conferences, 2018, 237, 01016.	0.2	7
25	Observation on Multivariable Regression Methods for Various Near Infrared Spectra Data. , 2018, , .		2
26	Chicken eggshell as biosorbent: Artificial intelligence as promising approach in optimizing study. MATEC Web of Conferences, 2016, 60, 01007.	0.2	7
27	Predicting the Motion of a Robot Manipulator with Unknown Trajectories Based on an Artificial Neural Network. International Journal of Advanced Robotic Systems, 2014, 11, 176.	2.1	13
28	Solving Continuous Trajectory and Forward Kinematics Simultaneously Based on ANN. International Journal of Computers, Communications and Control, 2014, 9, 253.	1.8	8
29	Planning for Redundant Manipulator Based on Back-Propagation Neural Network. Advanced Science Letters, 2013, 19, 3307-3310.	0.2	6
30	Effect of nano cerium oxide additive with tire oil blends on diesel engine combustion and emissions parameters with soot morphology analysis. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	2.3	4
31	Effect of combined exhaust gas recirculation and retarded injection timing on diesel engine operated distilled waste plastic oil blend. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	2.3	2