

# Chun Kit Ang

## List of Publications by Year in descending order

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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	A Novel Deep Learning Framework Based RNN-SAE for Fault Detection of Electrical Gas Generator. IEEE Access, 2021, 9, 21433-21442.	4.2	32
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	Identification and Prioritization of Risk Factors in an Electrical Generator Based on the Hybrid FMEA Framework. Energies, 2019, 12, 649.	3.1	23
4	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
5	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
6	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
7	Development of non-destructive mango assessment using Handheld Spectroscopy and Machine Learning Regression. Journal of Physics: Conference Series, 2019, 1367, 012030.	0.4	13
8	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
9	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
10	Modified Particle Swarm Optimization for Robust Anti-swing Gantry Crane Controller Tuning. Lecture Notes in Electrical Engineering, 2021, , 1173-1192.	0.4	11
11	Development of a footstep power generator in converting kinetic energy to electricity. E3S Web of Conferences, 2019, 80, 02001.	0.5	10
12	Hybrid 3D-ResNet Deep Learning Model for Automatic Segmentation of Thoracic Organs at Risk in CT Images. , 2020, , .		8
13	Solving Continuous Trajectory and Forward Kinematics Simultaneously Based on ANN. International Journal of Computers, Communications and Control, 2014, 9, 253.	1.8	8
14	Chicken eggshell as biosorbent: Artificial intelligence as promising approach in optimizing study. MATEC Web of Conferences, 2016, 60, 01007.	0.2	7
15	Study of Plantar Pressure Distribution. MATEC Web of Conferences, 2018, 237, 01016.	0.2	7
16	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
17	Food powders classification using handheld Near-Infrared Spectroscopy and Support Vector Machine. Journal of Physics: Conference Series, 2019, 1367, 012029.	0.4	6
18	A Teaching-Learning-Based Optimization with Modified Learning Phases for Continuous Optimization. Advances in Intelligent Systems and Computing, 2020, , 103-124.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Modified Particle Swarm Optimization with Unique Self-cognitive Learning for Global Optimization Problems. Lecture Notes in Electrical Engineering, 2022, , 263-274.	0.4	6
20	Planning for Redundant Manipulator Based on Back-Propagation Neural Network. Advanced Science Letters, 2013, 19, 3307-3310.	0.2	6
21	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
22	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
23	Machine Learning Calibration for Near Infrared Spectroscopy Data: A Visual Programming Approach. Lecture Notes in Electrical Engineering, 2021, , 577-590.	0.4	3
24	Observation on Multivariable Regression Methods for Various Near Infrared Spectra Data. , 2018, , .		2
25	Analysis of a Modified Single Phase Multilevel Cascaded Inverter Circuit. , 2020, , .		2
26	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
27	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
28	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
29	Robust H $\infty$ 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
30	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
31	Joystick Controlled Passive Compliance Stewart-Gough Platform. , 2021, , .		0