

Fatimah Sham Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

299
citations

1478505

6
h-index

1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of HVAC scheduling techniques for buildings towards energy-efficient and cost-effective operations. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 27, 94-103.	16.4	91
2	Adaptive output-based command shaping for sway control of a 3D overhead crane with payload hoisting and wind disturbance. <i>Mechanical Systems and Signal Processing</i> , 2018, 98, 157-172.	8.0	67
3	Efficient control of a nonlinear double-pendulum overhead crane with sensorless payload motion using an improved PSO-tuned PID controller. <i>JVC/Journal of Vibration and Control</i> , 2019, 25, 907-921.	2.6	29
4	Optimization of electronics component placement design on PCB using self organizing genetic algorithm (SOGA). <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 883-895.	7.3	26
5	Optimized exit door locations for a safer emergency evacuation using crowd evacuation model and artificial bee colony optimization. <i>Chaos, Solitons and Fractals</i> , 2020, 131, 109505.	5.1	25
6	Pump scheduling optimization model for water supply system using AWGA. , 2013, , .		11
7	Thermal optimization formulation strategies for multi-constraints electronic devices placement on PCB. , 2009, , .		7
8	Support Vector Regression Modelling of an Aerobic Granular Sludge in Sequential Batch Reactor. <i>Membranes</i> , 2021, 11, 554.	3.0	7
9	Optimal pin fin arrangement of heat sink design and thermal analysis for central processing unit. , 2014, , .		5
10	Simulation and Segmentation Techniques for Crop Maturity Identification of Pineapple Fruit. <i>Communications in Computer and Information Science</i> , 2017, , 3-11.	0.5	5
11	Heat sink model and design analysis based on particle swarm optimization. , 2014, , .		4
12	Radial plate fins heat sink model design and optimization. , 2015, , .		4
13	Optimal Exit Configuration of Factory Layout for a Safer Emergency Evacuation using Crowd Simulation Model and Multi-Objective Artificial Bee Colony Optimization. <i>International Journal of Integrated Engineering</i> , 2019, 11, .	0.4	4
14	Comprehensive Pineapple Segmentation Techniques with Intelligent Convolutional Neural Network. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 10, 1098.	0.8	3
15	Multi-objective optimization problems: Method and application. , 2011, , .		2
16	Magnetic Force Model Approach with Path Finding Feature for an Improved Crowd Movement Simulation. <i>Communications in Computer and Information Science</i> , 2017, , 157-168.	0.5	2
17	Optimization of artificial neural network topology for membrane bioreactor filtration using response surface methodology. <i>IAES International Journal of Artificial Intelligence</i> , 2020, 9, 117.	0.8	2
18	A new self organizing multi-objective optimization method. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	A review on 3-D magnetic property testing system for measuring rotational core loss of soft magnetic materials. , 2015, , .		1
20	Thermal pipeline sensor placement model for fault detection. , 2015, , .		1
21	Optimization of Electrical Energy Consumption and Level Reliability of Water Supply System. Jurnal Teknologi (Sciences and Engineering), 2015, 72, .	0.4	1
22	Electronics system thermal management optimization using finite element and Nelder-Mead method. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 2268.	0.8	1
23	Model-based fault detection and diagnosis optimization for process control rig. , 2013, , .		0
24	Thermal Performance Analysis for Optimal Passive Cooling Heat Sink Design. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 883.	0.8	0
25	SesakÂ®: A Crowd Simulation Software with an Optimization Engine for a Safer Building Design. SSRN Electronic Journal, 0, , .	0.4	0