# Fatimah Sham Ismail

List of Publications by Year
in descending order

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|---|---|---|---|
| **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 | Support Vector Regression Modelling of an Aerobic Granular Sludge in Sequential Batch Reactor. Membranes, 2021, 11, 554. | 3.0 | 7 |
| 2 | Optimized exit door locations for a safer emergency evacuation using crowd evacuation model and artificial bee colony optimization. Chaos, Solitons and Fractals, 2020, 131, 109505. | 5.1 | 25 |
| 3 | Optimization of artificial neural network topology for membrane bioreactor filtration using response surface methodology. IAES International Journal of Artificial Intelligence, 2020, 9, 117. | 0.8 | 2 |
| 4 | Efficient control of a nonlinear double-pendulum overhead crane with sensorless payload motion using an improved PSO-tuned PID controller. JVC/Journal of Vibration and Control, 2019, 25, 907-921. | 2.6 | 29 |
| 5 | Optimal Exit Configuration of Factory Layout for a Safer Emergency Evacuation using Crowd Simulation Model and Multi-Objective Artificial Bee Colony Optimization. International Journal of Integrated Engineering, 2019, 11, . | 0.4 | 4 |
| 6 | Electronics system thermal management optimization using finite element and Nelder-Mead method. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 2268. | 0.8 | 1 |
| 7 | Adaptive output-based command shaping for sway control of a 3D overhead crane with payload hoisting and wind disturbance. Mechanical Systems and Signal Processing, 2018, 98, 157-172. | 8.0 | 67 |
| 8 | Comprehensive Pineapple Segmentation Techniques with Intelligent Convolutional Neural Network. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 1098. | 0.8 | 3 |
| 9 | Simulation and Segmentation Techniques for Crop Maturity Identification of Pineapple Fruit. Communications in Computer and Information Science, 2017, , 3-11. | 0.5 | 5 |
| 10 | Magnetic Force Model Approach with Path Finding Feature for an Improved Crowd Movement Simulation. Communications in Computer and Information Science, 2017, , 157-168. | 0.5 | 2 |
| 11 | Thermal Performance Analysis for Optimal Passive Cooling Heat Sink Design. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 883. | 0.8 | 0 |
| 12 | A review on 3-D magnetic property testing system for measuring rotational core loss of soft magnetic materials. , 2015, , . | | 1 |
| 13 | Radial plate fins heat sink model design and optimization. , 2015, , . | | 4 |
| 14 | Thermal pipeline sensor placement model for fault detection. , 2015, , . | | 1 |
| 15 | Optimization of Electrical Energy Consumption and Level Reliability of Water Supply System. Jurnal Teknologi (Sciences and Engineering), 2015, 72, . | 0.4 | 1 |
| 16 | Heat sink model and design analysis based on particle swarm optimization. , 2014, , . | | 4 |
| 17 | Optimal pin fin arrangement of heat sink design and thermal analysis for central processing unit. , 2014, , . | | 5 |
| 18 | Review of HVAC scheduling techniques for buildings towards energy-efficient and cost-effective operations. Renewable and Sustainable Energy Reviews, 2013, 27, 94-103. | 16.4 | 91 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | Model-based fault detection and diagnosis optimization for process control rig. , 2013, , . | | 0 |
| 20 | Pump scheduling optimization model for water supply system using AWGA. , 2013, , . | | 11 |
| 21 | Optimization of electronics component placement design on PCB using self organizing genetic algorithm (SOGA). Journal of Intelligent Manufacturing, 2012, 23, 883-895. | 7.3 | 26 |
| 22 | Multi-objective optimization problems: Method and application. , 2011, , . | | 2 |
| 23 | A new self organizing multi-objective optimization method. , 2010, , . | | 1 |
| 24 | Thermal optimization formulation strategies for multi-constraints electronic devices placement on PCB. , 2009, , . | | 7 |
| 25 | Sesak®: A Crowd Simulation Software with an Optimization Engine for a Safer Building Design. SSRN Electronic Journal, 0, , . | 0.4 | 0 |