Maizura Mokhtar

List of Publications by Year
in descending order

30 papers	**260** citations	1163117 **8** h-index
31 all docs	**31** docs citations	**31** times ranked

1125743 **13** g-index

307 citing authors

#	Article	IF	Citations
1	Sensor Failure Detection, Identification, and Accommodation Using Fully Connected Cascade Neural Network. IEEE Transactions on Industrial Electronics, 2015, 62, 1683-1692.	7.9	84
2	Intelligent multi-agent system for building heat distribution control with combined gas boilers and ground source heat pump. Energy and Buildings, 2013, 62, 615-626.	6.7	30
3	A modified Dendritic Cell Algorithm for on-line error detection in robotic systems. , 2009, , .		24
4	Multi-agent Gaussian Adaptive Resonance Theory Map for building energy control and thermal comfort management of UCLan's WestLakes Samuel Lindow Building. Energy and Buildings, 2014, 80, 504-516.	6.7	17
5	Hippocampus-Inspired Spiking Neural Network on FPGA. Lecture Notes in Computer Science, 2008, , 362-371.	1.3	13
6	Prediction of voltage distribution using deep learning and identified key smart meter locations. Energy and AI, 2021, 6, 100103.	10.6	11
7	Consider ethical and social challenges in smart grid research. Nature Machine Intelligence, 2019, 1, 548-550.	16.0	9
8	Automating the Verification of the Low Voltage Network Cables and Topologies. IEEE Transactions on Smart Grid, 2020, 11, 1657-1666.	9.0	9
9	Towards Energy Homeostasis in an Autonomous Self-Reconfigurable Modular Robotic Organism. , 2009, , .		8
10	Exploring multi-objective trade-offs in the design space of a waste heat recovery system. Applied Energy, 2017, 195, 114-124.	10.1	8
11	Comparing the online learning capabilities of Gaussian ARTMAP and Fuzzy ARTMAP for building energy management systems. Expert Systems With Applications, 2013, 40, 6007-6018.	7.6	7
12	Microgrid development for properties. , 2011, , .		6
13	Autonomous Navigational Controller Inspired by the Hippocampus. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	5
14	Aircraft sensor estimation for fault tolerant flight control system using fully connected cascade neural network. , 2013, , .		5
15	Hippocampus Neurons and Place Cells/Place Field Representation to Provide Path Navigation. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	4
16	An Artificial Lymph Node Architecture for Homeostasis in Collective Robotic Systems. , 2008, , .		4
17	A multi-objective planning framework for optimal integration of distributed generations. , 2012, , .		4
18	A SPEA2 based planning framework for optimal integration of distributed generations. , 2012, , .		3

#	Article	IF	Citations
19	Increasing endurance of an autonomous robot using an Immune-Inspired framework. , 2011, , .		2
20	Explanation-based learning with analogy for impasse resolution. Expert Systems With Applications, 2016, 61, 181-191.	7.6	2
21	Adaptive and Online Health Monitoring System for Autonomous Aircraft. , 2012, , .		1
22	Power Profiling and Inherent Lag Prediction of a Wind Power Generating System for Its Integration to an Energy Storage System. , 2013, , .		1
23	Optimising a Waste Heat Recovery System using Multi-Objective Evolutionary Algorithm. , 2016, , .		1
24	Automated Verification of LV Network Topologies. , 2018, , .		1
25	An ARTMAP-incorporated multi-agent system for building intelligent heat management. , 2012, , .		0
26	Investigating the properties of bio-chemical networks of artificial organisms with opposing behaviours. BioSystems, 2013, 112, 73-84.	2.0	0
27	Safer Flying Using an Immune-Inspired Adaptive Health Monitoring System. , 2013, , .		0
28	Identifying a robust waste heat recovery system for varying hot water temperature demand. , 2017, , .		0
29	Effective visualisation of the high-dimensional pareto-optimal solutions. , 2017, , .		0
30	Can a Developmental AIS Provide Immunity to a Multi-cellular Robotics System?. Lecture Notes in Computer Science, 2010, , 310-311.	1.3	0