

Maizura Mokhtar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7400973/publications.pdf>

Version: 2024-02-01

30
papers

260
citations

1163117

8
h-index

1125743

13
g-index

31
all docs

31
docs citations

31
times ranked

307
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Prediction of voltage distribution using deep learning and identified key smart meter locations. Energy and AI, 2021, 6, 100103. | 10.6 | 11 |
| 2 | Automating the Verification of the Low Voltage Network Cables and Topologies. IEEE Transactions on Smart Grid, 2020, 11, 1657-1666. | 9.0 | 9 |
| 3 | Consider ethical and social challenges in smart grid research. Nature Machine Intelligence, 2019, 1, 548-550. | 16.0 | 9 |
| 4 | Automated Verification of LV Network Topologies. , 2018, , . | | 1 |
| 5 | Exploring multi-objective trade-offs in the design space of a waste heat recovery system. Applied Energy, 2017, 195, 114-124. | 10.1 | 8 |
| 6 | Identifying a robust waste heat recovery system for varying hot water temperature demand. , 2017, , . | | 0 |
| 7 | Effective visualisation of the high-dimensional pareto-optimal solutions. , 2017, , . | | 0 |
| 8 | Optimising a Waste Heat Recovery System using Multi-Objective Evolutionary Algorithm. , 2016, , . | | 1 |
| 9 | Explanation-based learning with analogy for impasse resolution. Expert Systems With Applications, 2016, 61, 181-191. | 7.6 | 2 |
| 10 | Sensor Failure Detection, Identification, and Accommodation Using Fully Connected Cascade Neural Network. IEEE Transactions on Industrial Electronics, 2015, 62, 1683-1692. | 7.9 | 84 |
| 11 | 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 |
| 12 | Investigating the properties of bio-chemical networks of artificial organisms with opposing behaviours. BioSystems, 2013, 112, 73-84. | 2.0 | 0 |
| 13 | Aircraft sensor estimation for fault tolerant flight control system using fully connected cascade neural network. , 2013, , . | | 5 |
| 14 | Power Profiling and Inherent Lag Prediction of a Wind Power Generating System for Its Integration to an Energy Storage System. , 2013, , . | | 1 |
| 15 | 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 |
| 16 | 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 |
| 17 | Safer Flying Using an Immune-Inspired Adaptive Health Monitoring System. , 2013, , . | | 0 |
| 18 | A SPEA2 based planning framework for optimal integration of distributed generations. , 2012, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Adaptive and Online Health Monitoring System for Autonomous Aircraft. , 2012, , . | | 1 |
| 20 | An ARTMAP-incorporated multi-agent system for building intelligent heat management. , 2012, , . | | 0 |
| 21 | A multi-objective planning framework for optimal integration of distributed generations. , 2012, , . | | 4 |
| 22 | Microgrid development for properties. , 2011, , . | | 6 |
| 23 | Increasing endurance of an autonomous robot using an Immune-Inspired framework. , 2011, , . | | 2 |
| 24 | Can a Developmental AIS Provide Immunity to a Multi-cellular Robotics System?. Lecture Notes in Computer Science, 2010, , 310-311. | 1.3 | 0 |
| 25 | A modified Dendritic Cell Algorithm for on-line error detection in robotic systems. , 2009, , . | | 24 |
| 26 | Towards Energy Homeostasis in an Autonomous Self-Reconfigurable Modular Robotic Organism. , 2009, , . | | 8 |
| 27 | An Artificial Lymph Node Architecture for Homeostasis in Collective Robotic Systems. , 2008, , . | | 4 |
| 28 | Hippocampus-Inspired Spiking Neural Network on FPGA. Lecture Notes in Computer Science, 2008, , 362-371. | 1.3 | 13 |
| 29 | Hippocampus Neurons and Place Cells/Place Field Representation to Provide Path Navigation. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 4 |
| 30 | Autonomous Navigational Controller Inspired by the Hippocampus. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 5 |