

Zaheeruddin

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

389
citations

840776

11
h-index

839539

18
g-index

36
all docs

36
docs citations

36
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Renewable energy management through microgrid central controller design: An approach to integrate solar, wind and biomass with battery. Energy Reports, 2015, 1, 156-163.	5.1	70
2	A neuro-fuzzy approach for prediction of human work efficiency in noisy environment. Applied Soft Computing Journal, 2006, 6, 283-294.	7.2	48
3	Intelligent Fractional-Order-Based Centralized Frequency Controller for Microgrid. IETE Journal of Research, 2022, 68, 2848-2862.	2.6	24
4	A fuzzy expert system for noise-induced sleep disturbance. Expert Systems With Applications, 2006, 30, 761-771.	7.6	20
5	Intelligent Fuzzy TDF-II Controller for Load Frequency Control in Hybrid Energy System. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2022, 39, 1355-1371.	3.2	19
6	Performance evaluation of modified perturb & observe maximum power point tracker for solar PV system. International Journal of Systems Assurance Engineering and Management, 2016, 7, 229-238.	2.4	18
7	Enhancement of frequency regulation in tidal turbine power plant using virtual inertia from capacitive energy storage system. Journal of Energy Storage, 2021, 35, 102332.	8.1	18
8	ANN Based Approach for the Estimation and Enhancement of Power Transfer Capability. , 2019, , .		15
9	Energy-Efficient Clustering and Routing Algorithm Using Hybrid Fuzzy with Grey Wolf Optimization in Wireless Sensor Networks. Security and Communication Networks, 2022, 2022, 1-12.	1.5	14
10	A fuzzy model for noise-induced annoyance. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2006, 36, 697-705.	2.9	13
11	Analysis of Design of Technologies, Tariff Structures, and Regulatory Policies for Sustainable Growth of the Smart Grid. Energy Technology & Policy, 2015, 2, 28-38.	1.1	13
12	An expert system for predicting the effects of speech interference due to noise pollution on humans using fuzzy approach. Expert Systems With Applications, 2008, 35, 1978-1988.	7.6	11
13	An elitist nondominated sorting genetic algorithm for QoS multicast routing in wireless networks. Swarm and Evolutionary Computation, 2017, 33, 85-92.	8.1	11
14	A fast and reliable perturb and observe maximum power point tracker for solar PV system. International Journal of Systems Assurance Engineering and Management, 2017, 8, 773-787.	2.4	11
15	Primary frequency regulation of a microgrid by deloaded tidal turbines. Soft Computing, 2020, 24, 14667-14685.	3.6	11
16	Ant based Pareto optimal solution for QoS aware energy efficient multicast in wireless networks. Applied Soft Computing Journal, 2017, 55, 72-81.	7.2	9
17	An oscillator based active bridge circuit for converting capacitance change into frequency for capacitive humidity sensor. , 2012, , .		7
18	Energy-aware bee colony approach to extend lifespan of wireless sensor network. Australian Journal of Multi-Disciplinary Engineering, 2017, 13, 29-46.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Computerised segmentation of suspicious lesions in the digital mammograms. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2017, 5, 77-86.	1.9	6
20	Review Paper on Optimization of Handover Parameter in Heterogeneous Networks. , 2018, , .		6
21	Minimizing the Energy Hole Problem in Wireless Sensor Networks by Normal Distribution of Nodes and Relaying Range Regulation. , 2012, , .		5
22	Multiobjective multicast routing in wireless ad hoc networks - An Ant Colony approach. , 2013, , .		5
23	Optimal sizing and cost assesment of hybrid Renewable Energy Systems for Assam Engineering College. , 2015, , .		5
24	Optimized Handoff Algorithm for Heterogeneous Networks. IETE Technical Review (Institution of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	4
25	Maximization the lifetime of wireless sensor network by minimizing energy hole problem with exponential node distribution and hybrid routing. , 2012, , .		3
26	PAPR Reduction in OFDM Signals: An Adaptive-Network-Based Fuzzy Inference Approach. Wireless Personal Communications, 2017, 92, 587-601.	2.7	3
27	Density-Based Fuzzy C Means Clustering to prolong Network Lifetime in Smart Grids. Wireless Personal Communications, 2021, 119, 2817-2836.	2.7	3
28	An intelligent system for noise-induced hearing loss. , 0, , .		2
29	TIDF-II controller for hybrid system with renewable sources. , 2019, , .		2
30	A Review and Comparison of Quality of Service Routing in Wireless Ad Hoc Networks. International Journal of Wireless and Mobile Networks, 2011, 3, 172-184.	0.2	2
31	Modelling of Noise-induced Annoyance: A Neuro-fuzzy Approach. , 2006, , .		1
32	Hybrid Fuzzy Neural Network Based Still Image Compression. , 2010, , .		1
33	Design a novel fractional order controller for smart microgrid using multi-agent concept. SN Applied Sciences, 2019, 1, 1.	2.9	1
34	An Investigation of Barriers affecting the movement of Emergency Vehicles using the DEMATEL approach. , 2020, , .		1
35	Key enablers influencing the realization of green corridor for the Emergency Vehicles in India using ISM approach. , 2019, , .		0
36	MDRP: An Energy-Efficient Multi-Disjoint Routing protocol in WSNs for Smart Grids. International Journal on Smart Sensing and Intelligent Systems, 2020, 13, 1-15.	0.7	0