Iftikhar Azim Niaz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6908327/publications.pdf

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16	592	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Optimized Home Energy Management System with Integrated Renewable Energy and Storage Resources. Energies, 2017, 10, 549.	3.1	196
2	A Hybrid Genetic Wind Driven Heuristic Optimization Algorithm for Demand Side Management in Smart Grid. Energies, 2017, 10, 319.	3.1	137
3	Identification and prioritization of critical issues for the promotion of e-learning in Pakistan. Computers in Human Behavior, 2015, 51, 161-171.	8.5	58
4	A Balanced Energy-Consuming and Hole-Alleviating Algorithm for Wireless Sensor Networks. IEEE Access, 2017, 5, 6134-6150.	4.2	49
5	Seismicity analysis and machine learning models for short-term low magnitude seismic activity predictions in Cyprus. Soil Dynamics and Earthquake Engineering, 2020, 130, 105932.	3.8	35
6	Multi-agent-based sharing power economy for a smart community. International Journal of Energy Research, 2017, 41, 2074-2090.	4.5	24
7	Performance Optimization of Priority Assisted CSMA/CA Mechanism of 802.15.6 under Saturation Regime. Sensors, 2016, 16, 1421.	3.8	18
8	A Localization Based Cooperative Routing Protocol for Underwater Wireless Sensor Networks. Mobile Information Systems, 2017, 2017, 1-16.	0.6	14
9	A Bio-Inspired Heuristic Algorithm for Solving Optimal Power Flow Problem in Hybrid Power System. IEEE Access, 2021, 9, 159809-159826.	4.2	13
10	A multi-hop angular routing protocol for wireless sensor networks. International Journal of Distributed Sensor Networks, 2016, 12, 155014771666294.	2.2	10
11	Balanced Transmissions Based Trajectories of Mobile Sink in Homogeneous Wireless Sensor Networks. Journal of Sensors, 2017, 2017, 1-16.	1.1	9
12	Exploiting Outage and Error Probability of Cooperative Incremental Relaying in Underwater Wireless Sensor Networks. Sensors, 2016, 16, 1076.	3.8	8
13	On Reliable and Efficient Data Gathering Based Routing in Underwater Wireless Sensor Networks. Sensors, 2016, 16, 1391.	3.8	7
14	A Cost-Effective Optimization for Scheduling of Household Appliances and Energy Resources. IEEE Access, 2021, 9, 160145-160162.	4.2	6
15	Orchestrating an Effective Formulation to Investigate the Impact of EMSs (Energy Management) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	5
16	An Improved Forwarding of Diverse Events with Mobile Sinks in Underwater Wireless Sensor Networks. Sensors, 2016, 16, 1850.	3.8	3