Qadeer Ul Hasan

List of Publications by Year
in descending order

24 papers	443 citations	933447 10 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	640 citing authors

#	Article	IF	Citations
1	An Efficient Demand Side Management System with a New Optimized Home Energy Management Controller in Smart Grid. Energies, 2018, 11, 190.	3.1	122
2	Water, energy and food nexus of Indus Water Treaty: Water governance. Water-Energy Nexus, 2019, 2, 10-24.	4.0	61
3	Nature inspired artificial photosynthesis technologies for hydrogen production: Barriers and challenges. International Journal of Hydrogen Energy, 2020, 45, 20787-20799.	7.1	41
4	An Innovative Heuristic Algorithm for IoT-Enabled Smart Homes for Developing Countries. IEEE Access, 2018, 6, 15550-15575.	4.2	38
5	Demand side management in hybrid rooftop photovoltaic integrated smart nano grid. Journal of Cleaner Production, 2020, 258, 120747.	9.3	28
6	An Optimal Relay Scheme for Outage Minimization in Fog-Based Internet-of-Things (IoT) Networks. IEEE Internet of Things Journal, 2019, 6, 3044-3054.	8.7	18
7	Analysis of Efficient Spectrum Handoff in a Multi-Class Hybrid Spectrum Access Cognitive Radio Network Using Markov Modelling. Sensors, 2019, 19, 4120.	3.8	17
8	A Weighted-Sum PSO Algorithm for HEMS: A New Approach for the Design and Diversified Performance Analysis. Electronics (Switzerland), 2019, 8, 180.	3.1	15
9	Efficient Channel Allocation using Matching Theory for QoS Provisioning in Cognitive Radio Networks. Sensors, 2020, 20, 1872.	3.8	15
10	An Inventive Method for Eco-Efficient Operation of Home Energy Management Systems. Energies, 2018, 11, 3091.	3.1	12
11	cDERSA: Cognitive D2D Enabled Relay Selection Algorithm to Mitigate Blind-Spots in 5G Cellular Networks. IEEE Access, 2021, 9, 89972-89988.	4.2	10
12	Enhanced Spectrum Access for QoS Provisioning in Multi-Class Cognitive D2D Communication System. IEEE Access, 2021, 9, 33608-33624.	4.2	9
13	Circulating Current Reduction in MMC-HVDC System Using Average Model. Applied Sciences (Switzerland), 2019, 9, 1383.	2.5	8
14	DSM in Hybrid AC/DC Rooftop PV Integrated Smart Nano Grid. , 2019, , .		7
15	Spectrum Handoff based on Imperfect Channel State Prediction Probabilities with Collision Reduction in Cognitive Radio Ad Hoc Networks. Sensors, 2019, 19, 4741.	3.8	7
16	Detection of Frauds and Other Non-technical Losses in Power Utilities using Smart Meters: A Review. International Journal of Emerging Electric Power Systems, 2016, 17, 217-234.	0.8	6
17	Design and Evaluation of Self Organizing, Collision Free MAC Protocol for Distributed Cognitive Radio Networks. Wireless Personal Communications, 2018, 99, 1081-1101.	2.7	6
18	Efficient idle channel discovery mechanism through cooperative parallel sensing in cognitive radio network. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	4

#	Article	IF	Citations
19	Self-Organized Efficient Spectrum Management through Parallel Sensing in Cognitive Radio Network. Wireless Communications and Mobile Computing, 2021, 2021, 1-22.	1.2	4
20	Capacitor voltage ripple reduction in MMC-HVDC system using flat bottom current method. Electrical Engineering, 2021, 103, 1483-1492.	2.0	4
21	Remote Monitoring for Solar Photovoltaic Systems in Rural Application Using GSM Network. International Journal of Emerging Electric Power Systems, 2015, 16, 413-419.	0.8	3
22	Improved Buffer-Aided Multi-Hop Relaying with Reduced Outage and Packet Delay in Cognitive Radio Networks. Electronics (Switzerland), 2019, 8, 895.	3.1	3
23	QoS-Oriented Optimal Relay Selection in Cognitive Radio Networks. Wireless Communications and Mobile Computing, 2021, 2021, 1-15.	1.2	3
24	Comparison of Two Nonlinear Control Strategies for Hypnosis Regulation. Arabian Journal for Science and Engineering, 2017, 42, 5165-5178.	3.0	2