Khawaja Khalid Mehmood

List of Publications by Year
in descending order

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24 papers	721 citations	623734 14 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	821 citing authors

#	Article	IF	Citations
1	A Kalman Filter-Based Protection Strategy for Microgrids. IEEE Access, 2022, 10, 73243-73256.	4.2	13
2	Optimal Management of a Distribution Feeder During Contingency and Overload Conditions by Harnessing the Flexibility of Smart Loads. IEEE Access, 2021, 9, 40124-40139.	4.2	21
3	Coordination of Multiple Electric Vehicle Aggregators for Peak Shaving and Valley Filling in Distribution Feeders. Energies, 2021, 14, 352.	3.1	25
4	An Optimized Framework for Energy Management of Multi-Microgrid Systems. Energies, 2021, 14, 6012.	3.1	6
5	Intelligent Islanding Detection of Microgrids Using Long Short-Term Memory Networks. Energies, 2021, 14, 5762.	3.1	15
6	An Optimization-Based Reliability Enhancement Scheme for Active Distribution Systems Utilizing Electric Vehicles. IEEE Access, 2021, 9, 157247-157258.	4.2	11
7	Modified rotor-side converter control design for improving the LVRT capability of a DFIG-based WECS. Electric Power Systems Research, 2020, 186, 106403.	3.6	39
8	Microgrid Protection Strategy Based on the Autocorrelation of Current Envelopes Using the Squaring and Low-Pass Filtering Method. Energies, 2020, 13, 2350.	3.1	12
9	Wind-Speed Estimation and Sensorless Control for SPMSG-Based WECS Using LMI-Based SMC. IEEE Access, 2020, 8, 26524-26535.	4.2	18
10	Convolutional Neural Networkâ€Based Intelligent Protection Strategy for Microgrids. IET Generation, Transmission and Distribution, 2020, 14, 1177-1185.	2.5	38
11	An Intelligent Hybrid Energy Management System for a Smart House Considering Bidirectional Power Flow and Various EV Charging Techniques. Applied Sciences (Switzerland), 2019, 9, 1658.	2.5	21
12	Intelligent Fault Classification and Location Identification Method for Microgrids Using Discrete Orthonormal Stockwell Transform-Based Optimized Multi-Kernel Extreme Learning Machine. Energies, 2019, 12, 4504.	3.1	24
13	Water-filling algorithm based approach for management of responsive residential loads. Journal of Modern Power Systems and Clean Energy, 2018, 6, 118-131.	5.4	20
14	A real-time optimal coordination scheme for the voltage regulation of a distribution network including an OLTC, capacitor banks, and multiple distributed energy resources. International Journal of Electrical Power and Energy Systems, 2018, 94, 1-14.	5.5	89
15	Optimal Planning of Distributed Generators for Loss Reduction and Voltage Profile Enhancement Considering the Integration of Electric Vehicles. , 2018, , .		5
16	Optimal Scheduling of Hybrid Energy Resources for a Smart Home. Energies, 2018, 11, 3201.	3.1	14
17	A Multi-Agent Clustering-based Approach for the Distributed Planning of Wind Generators. IFAC-PapersOnLine, 2018, 51, 138-142.	0.9	1
18	A Bi-Level EV Aggregator Coordination Scheme for Load Variance Minimization with Renewable Energy Penetration Adaptability. Energies, 2018, 11, 2809.	3.1	23

#	Article	IF	Citations
19	Energy Management Scheme for an EV Smart Charger V2G/G2V Application with an EV Power Allocation Technique and Voltage Regulation. Applied Sciences (Switzerland), 2018, 8, 648.	2.5	42
20	Unified Planning of Wind Generators and Switched Capacitor Banks: A Multiagent Clustering-Based Distributed Approach. IEEE Transactions on Power Systems, 2018, 33, 6978-6988.	6.5	24
21	Optimal sizing and allocation of battery energy storage systems with wind and solar power DGs in a distribution network for voltage regulation considering the lifespan of batteries. IET Renewable Power Generation, 2017, 11, 1305-1315.	3.1	119
22	An Optimal Approach to Manage Responsive Residential Appliances in Smart Grid. , 2017, , .		1
23	Coordinated Control Algorithm for Distributed Battery Energy Storage Systems for Mitigating Voltage and Frequency Deviations. IEEE Transactions on Smart Grid, 2016, 7, 1713-1722.	9.0	140
24	An Adaptive Control of Smart Appliances with Peak Shaving Considering EV Penetration. Transactions of the Korean Institute of Electrical Engineers, 2016, 65, 730-737.	0.1	0