

Khawaja Khalid Mehmood

List of Publications by Year in descending order

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24
papers

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times ranked

821
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Coordinated Control Algorithm for Distributed Battery Energy Storage Systems for Mitigating Voltage and Frequency Deviations. <i>IEEE Transactions on Smart Grid</i> , 2016, 7, 1713-1722. | 9.0 | 140 |
| 2 | 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. <i>IET Renewable Power Generation</i> , 2017, 11, 1305-1315. | 3.1 | 119 |
| 3 | A real-time optimal coordination scheme for the voltage regulation of a distribution network including an OLTC, capacitor banks, and multiple distributed energy resources. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 94, 1-14. | 5.5 | 89 |
| 4 | Energy Management Scheme for an EV Smart Charger V2G/G2V Application with an EV Power Allocation Technique and Voltage Regulation. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 648. | 2.5 | 42 |
| 5 | Modified rotor-side converter control design for improving the LVRT capability of a DFIG-based WECS. <i>Electric Power Systems Research</i> , 2020, 186, 106403. | 3.6 | 39 |
| 6 | Convolutional Neural Network-Based Intelligent Protection Strategy for Microgrids. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 1177-1185. | 2.5 | 38 |
| 7 | Coordination of Multiple Electric Vehicle Aggregators for Peak Shaving and Valley Filling in Distribution Feeders. <i>Energies</i> , 2021, 14, 352. | 3.1 | 25 |
| 8 | Unified Planning of Wind Generators and Switched Capacitor Banks: A Multiagent Clustering-Based Distributed Approach. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 6978-6988. | 6.5 | 24 |
| 9 | Intelligent Fault Classification and Location Identification Method for Microgrids Using Discrete Orthonormal Stockwell Transform-Based Optimized Multi-Kernel Extreme Learning Machine. <i>Energies</i> , 2019, 12, 4504. | 3.1 | 24 |
| 10 | A Bi-Level EV Aggregator Coordination Scheme for Load Variance Minimization with Renewable Energy Penetration Adaptability. <i>Energies</i> , 2018, 11, 2809. | 3.1 | 23 |
| 11 | An Intelligent Hybrid Energy Management System for a Smart House Considering Bidirectional Power Flow and Various EV Charging Techniques. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1658. | 2.5 | 21 |
| 12 | Optimal Management of a Distribution Feeder During Contingency and Overload Conditions by Harnessing the Flexibility of Smart Loads. <i>IEEE Access</i> , 2021, 9, 40124-40139. | 4.2 | 21 |
| 13 | Water-filling algorithm based approach for management of responsive residential loads. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018, 6, 118-131. | 5.4 | 20 |
| 14 | Wind-Speed Estimation and Sensorless Control for SPMSG-Based WECS Using LMI-Based SMC. <i>IEEE Access</i> , 2020, 8, 26524-26535. | 4.2 | 18 |
| 15 | Intelligent Islanding Detection of Microgrids Using Long Short-Term Memory Networks. <i>Energies</i> , 2021, 14, 5762. | 3.1 | 15 |
| 16 | Optimal Scheduling of Hybrid Energy Resources for a Smart Home. <i>Energies</i> , 2018, 11, 3201. | 3.1 | 14 |
| 17 | A Kalman Filter-Based Protection Strategy for Microgrids. <i>IEEE Access</i> , 2022, 10, 73243-73256. | 4.2 | 13 |
| 18 | Microgrid Protection Strategy Based on the Autocorrelation of Current Envelopes Using the Squaring and Low-Pass Filtering Method. <i>Energies</i> , 2020, 13, 2350. | 3.1 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | An Optimization-Based Reliability Enhancement Scheme for Active Distribution Systems Utilizing Electric Vehicles. IEEE Access, 2021, 9, 157247-157258. | 4.2 | 11 |
| 20 | An Optimized Framework for Energy Management of Multi-Microgrid Systems. Energies, 2021, 14, 6012. | 3.1 | 6 |
| 21 | Optimal Planning of Distributed Generators for Loss Reduction and Voltage Profile Enhancement Considering the Integration of Electric Vehicles. , 2018, , . | | 5 |
| 22 | An Optimal Approach to Manage Responsive Residential Appliances in Smart Grid. , 2017, , . | | 1 |
| 23 | A Multi-Agent Clustering-based Approach for the Distributed Planning of Wind Generators. IFAC-PapersOnLine, 2018, 51, 138-142. | 0.9 | 1 |
| 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 |