

Zhuoli Zhao

List of Publications by Year in descending order

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papers

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times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple-Time-Scales Hierarchical Frequency Stability Control Strategy of Medium-Voltage Isolated Microgrid. IEEE Transactions on Power Electronics, 2016, 31, 5974-5991.	5.4	114
2	Dynamic Characteristics Analysis and Stabilization of PV-Based Multiple Microgrid Clusters. IEEE Transactions on Smart Grid, 2019, 10, 805-818.	6.2	104
3	Distributed Robust Model Predictive Control-Based Energy Management Strategy for Isolated Multi-Microgrids Considering Uncertainty. IEEE Transactions on Smart Grid, 2022, 13, 2107-2120.	6.2	54
4	Distributed Model Predictive Control Strategy for Islands Multimicrogrids Based on Noncooperative Game. IEEE Transactions on Industrial Informatics, 2021, 17, 3803-3814.	7.2	42
5	Energy Transaction for Multi-Microgrids and Internal Microgrid Based on Blockchain. IEEE Access, 2020, 8, 144362-144372.	2.6	41
6	A dynamic particles MPPT method for photovoltaic systems under partial shading conditions. Energy Conversion and Management, 2020, 220, 113070.	4.4	40
7	Multi-View Neural Network Ensemble for Short and Mid-Term Load Forecasting. IEEE Transactions on Power Systems, 2021, 36, 2992-3003.	4.6	31
8	A Novel Power Market Mechanism Based on Blockchain for Electric Vehicle Charging Stations. Electronics (Switzerland), 2021, 10, 307.	1.8	25
9	Black Start Strategy for PV-ESS Multi-Microgrids with Three-Phase/Single-Phase Architecture. Energies, 2016, 9, 372.	1.6	17
10	Decentralized Finite Control Set Model Predictive Control Strategy of Microgrids for Unbalanced and Harmonic Power Management. IEEE Access, 2020, 8, 202298-202311.	2.6	17
11	Electricity trading based on distribution locational marginal price. International Journal of Electrical Power and Energy Systems, 2021, 124, 106322.	3.3	17
12	Bi-Level Optimal Allocation of Flexible Resources for Distribution Network Considering Different Energy Storage Operation Strategies in Electricity Market. IEEE Access, 2020, 8, 58497-58508.	2.6	15
13	Optimized Economic Operation Strategy for Distributed Energy Storage With Multi-Profit Mode. IEEE Access, 2021, 9, 8299-8311.	2.6	15
14	Optimal Energy Scheduling for Data Center With Energy Nets Including CCHP and Demand Response. IEEE Access, 2021, 9, 6137-6151.	2.6	14
15	Hierarchical Pigeon-Inspired Optimization-Based MPPT Method for Photovoltaic Systems Under Complex Partial Shading Conditions. IEEE Transactions on Industrial Electronics, 2022, 69, 10129-10143.	5.2	11
16	Decentralized Grid-Forming Control Strategy and Dynamic Characteristics Analysis of High-Penetration Wind Power Microgrids. IEEE Transactions on Sustainable Energy, 2022, 13, 2211-2225.	5.9	11
17	A CBA-KELM-Based Recognition Method for Fault Diagnosis of Wind Turbines with Time-Domain Analysis and Multisensor Data Fusion. Shock and Vibration, 2019, 2019, 1-14.	0.3	9
18	Operation Strategy for Electric Vehicle Battery Swap Station Cluster Participating in Frequency Regulation Service. Processes, 2021, 9, 1513.	1.3	7

#	ARTICLE	IF	CITATIONS
19	A Novel Data-Driven Method for Behind-the-Meter Solar Generation Disaggregation With Cross-Iteration Refinement. IEEE Transactions on Smart Grid, 2022, 13, 3823-3835.	6.2	7
20	Multi-Time Scale Economic Optimization Dispatch of the Park Integrated Energy System. Frontiers in Energy Research, 2021, 9, .	1.2	6
21	An unsupervised data-driven approach for behind-the-meter photovoltaic power generation disaggregation. Applied Energy, 2022, 309, 118450.	5.1	6
22	Optimal Economic Operation of Islanded Microgrid by Using a Modified PSO Algorithm. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	5
23	Fault Diagnosis Approach of Main Drive Chain in Wind Turbine Based on Data Fusion. Applied Sciences (Switzerland), 2021, 11, 5804.	1.3	5
24	Multi-Time Scale Regional Autonomous Operation Strategy for Multi-Microgrids With Three-Phase/Single-Phase Hybrid Structure. IEEE Access, 2020, 8, 85923-85938.	2.6	5
25	Voltage-Source Control of DFIG in Standalone Wind Power-Based Microgrids. , 2020, , .		5
26	A Framework for Several Electricity Retailers Cooperatively Implement Demand Response to Distributed Data Center. IEEE Transactions on Smart Grid, 2023, 14, 277-289.	6.2	3
27	Dynamic modeling, sensitivity assessment, and design of VSC-based microgrids with composite loads. Journal of Power Electronics, 2020, 20, 245-259.	0.9	2
28	Optimal Peak Regulation Strategy of Virtual and Thermal Power Plants. Frontiers in Energy Research, 0, 10, .	1.2	2
29	Augmented Power Dispatch for Resilient Operation through Controllable Series Compensation and N-1-1 Contingency Assessment. Energies, 2021, 14, 4756.	1.6	1
30	Aggregate regulation strategy of distributed energy storage under power spot market in China. IET Renewable Power Generation, 2022, 16, 313-328.	1.7	0