

Wentao Huang

List of Publications by Year in descending order

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43
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citing authors

#	ARTICLE	IF	CITATIONS
1	Day-Ahead Optimal Economic Dispatching of Integrated Port Energy Systems Considering Hydrogen. IEEE Transactions on Industry Applications, 2022, 58, 2619-2629.	4.9	41
2	Two-Stage Full-Data Processing for Microgrid Planning With High Penetrations of Renewable Energy Sources. IEEE Transactions on Sustainable Energy, 2021, 12, 2042-2052.	8.8	23
3	Time-Domain Transmission Line Fault Location Method With Full Consideration of Distributed Parameters and Line Asymmetry. IEEE Transactions on Power Delivery, 2020, 35, 2651-2662.	4.3	26
4	Evaluation of Wind Energy Potential Using an Optimum Approach based on Maximum Distance Metric. Sustainability, 2020, 12, 1999.	3.2	12
5	Correction to "A Dual-Adaptivity Inertia Control Strategy for Virtual Synchronous Generator" [Jan 20 594-604]. IEEE Transactions on Power Systems, 2020, 35, 3316-3316.	6.5	1
6	Adaptive control scheme based on transient stability mechanism for photovoltaic plants. IET Generation, Transmission and Distribution, 2020, 14, 5011-5019.	2.5	2
7	Economy Optimization Configuration Scheme for the MMC-MTDC System with Renewable Energies. , 2020, , .		0
8	Fault Location Method for MMC Multi-terminal DC Distribution Network Using Transient DC Currents. , 2020, , .		2
9	Distributed equalisation strategy for multi-battery energy storage systems. Journal of Engineering, 2019, 2019, 1986-1990.	1.1	3
10	A New Theory for Locating Line Fault in Power System: Simulation Part. IEEE Access, 2019, 7, 93858-93870.	4.2	1
11	A New Theory for Locating Line Fault in Power System: Theoretical Part. IEEE Access, 2019, 7, 91337-91346.	4.2	2
12	Wavelet-based EMTR method for fault location of VSC-HVDC transmission lines. Journal of Engineering, 2019, 2019, 961-966.	1.1	9
13	A multilevel overvoltage prevention strategy for the distribution networks with high penetration of rooftop photovoltaic systems. International Transactions on Electrical Energy Systems, 2019, 29, e12046.	1.9	0
14	Fault distance estimation-based protection scheme for DC microgrids. Journal of Engineering, 2019, 2019, 1199-1203.	1.1	16
15	Novel grid connection interface for utility-scale PV power plants based on MMC. Journal of Engineering, 2019, 2019, 2683-2686.	1.1	9
16	Assessment of Wind Power Potential and Economic Analysis at Hyderabad in Pakistan: Powering to Local Communities Using Wind Power. Sustainability, 2019, 11, 1391.	3.2	46
17	A Multi-layer Coordinated Control Scheme to Improve the Operation Friendliness of Grid-Connected Multiple Microgrids. Energies, 2019, 12, 255.	3.1	7
18	Surge Current Calculation and Limit Strategy of the IIDG during Loop Closing Operation in Distribution Networks. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
19	Comprehensive Protection Method for DC Collection Cable of Large-Scale Photovoltaic Plant Based on Fault Current Limiter. , 2019, , .		0
20	Technical and Economic Assessment of VSC-HVDC Transmission Model: A Case Study of South-Western Region in Pakistan. Electronics (Switzerland), 2019, 8, 1305.	3.1	13
21	Transient Behavior Analysis of VSG-IIDG During Disturbances Considering the Current Limit Unit. , 2019, , .		4
22	A Fault Line Selection Method for DC Distribution Network Using Multiple Observers. Energies, 2019, 12, 1245.	3.1	3
23	A review on protection of DC microgrids. Journal of Modern Power Systems and Clean Energy, 2018, 6, 1113-1127.	5.4	68
24	Transient stability mechanism of grid-connected inverter-interfaced distributed generators using droop control strategy. Applied Energy, 2018, 210, 737-747.	10.1	30
25	Research on the Inductance/Capacitance Switch Model for an LCC-HVDC Converter in an AC/DC Hybrid Grid. Energies, 2018, 11, 692.	3.1	0
26	Equalization Strategy for Multi-Battery Energy Storage Systems Using Maximum Consistency Tracking Algorithm of the Conditional Depreciation. IEEE Transactions on Energy Conversion, 2018, 33, 1242-1254.	5.2	14
27	A conditional depreciation balancing strategy for the equitable operation of extended hybrid energy storage systems. Applied Energy, 2018, 228, 1937-1952.	10.1	10
28	Performance evaluation of energy meters under nonlinear loads. Journal of Shanghai Jiaotong University (Science), 2017, 22, 133-138.	0.9	2
29	Detection and classification of MMC-HVDC transmission line faults based on one-terminal transient current signal. , 2017, , .		3
30	An advanced architecture of multiple microgrids interfacing with UCC. , 2017, , .		2
31	An intermittent high-impedance fault identification method based on transient power direction detection and intermittency detection. , 2017, , .		4
32	Strategy to stabilise power fluctuation of distributed renewable energy in combined heat and power microgrid. Journal of Engineering, 2017, 2017, 2395-2400.	1.1	3
33	Strategy to smooth tie-line power of microgrid by considering group control of heat pumps. Journal of Engineering, 2017, 2017, 2417-2422.	1.1	2
34	Advanced microgrid and its multi-objective regulation strategy for shore supply. Journal of Engineering, 2017, 2017, 1590-1594.	1.1	4
35	Energy management strategy for microgrids including heat pump air-conditioning and hybrid energy storage systems. Journal of Engineering, 2017, 2017, 2412-2416.	1.1	9
36	Operation and regulation scheme and the application for microgrids. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	Multi-terminal hvdc fault current analysis during line to ground fault. , 2017, , .		3
38	Rolling coordination control of the wind-storage hybrid system based on the ultra-short term wind forecast. , 2016, , .		0
39	Novel inrush current restraining method for transformers of shipboard power system. International Transactions on Electrical Energy Systems, 2015, 25, 817-826.	1.9	1
40	Protection scheme for high-voltage direct-current transmission lines based on transient AC current. IET Generation, Transmission and Distribution, 2015, 9, 2633-2643.	2.5	60
41	An interconnection protection design for the interface of alternating current microgrids. Journal of Renewable and Sustainable Energy, 2014, 6, 043107.	2.0	3
42	An Impedance Protection Scheme for Feeders of Active Distribution Networks. IEEE Transactions on Power Delivery, 2014, 29, 1591-1602.	4.3	89
43	Optimization and Coordination of HAFDV PINN Control by Improved PSO. Journal of Control Science and Engineering, 2013, 2013, 1-7.	1.0	1