

Haoran Zhao

List of Publications by Year in descending order

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22
papers

183
citations

1684188

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147
citing authors

#	ARTICLE	IF	CITATIONS
1	An Integrated Gate Driver with Active Delay Control Method for Series Connected SiC MOSFETs. , 2018, , .		46
2	An Improved Direct Power Control for Doubly Fed Induction Generator. IEEE Transactions on Power Electronics, 2021, 36, 4672-4685.	7.9	42
3	A Novel Direct Power Control for DFIG With Parallel Compensator Under Unbalanced Grid Condition. IEEE Transactions on Industrial Electronics, 2021, 68, 9607-9618.	7.9	24
4	A dual-driven linear modeling approach for multiple energy flow calculation in electricityâ€“heat system. Applied Energy, 2022, 314, 118872.	10.1	23
5	Impedance Analysis of Voltage Source Converter Using Direct Power Control. IEEE Transactions on Energy Conversion, 2021, 36, 831-840.	5.2	19
6	Comparative Study of Symmetrical Controlled Grid-Connected Inverters. IEEE Transactions on Power Electronics, 2022, 37, 3954-3968.	7.9	5
7	Non-intrusive Load Disaggregation Based on Deep Learning and Multi-feature Fusion. , 2021, , .		5
8	A Review of Low Voltage Ride Through in DFIG under Unbalanced Grid Faults. , 2019, , .		4
9	Dual Grid Voltage Modulated Direct Power Control of Grid-Connected Voltage Source Converter under Unbalanced Network Condition. , 2019, , .		4
10	Coordinated LVRT Control for a Permanent Magnet Synchronous Generator Wind Turbine with Energy Storage System. Applied Sciences (Switzerland), 2020, 10, 3085.	2.5	3
11	Parameter Identification and Stability Analysis of DFIG. , 2022, , .		3
12	A Comprehensive Review on MPC: Applications on Wind Turbines and FPGA Implementations. , 2019, , .		1
13	Small-Signal Stability Analysis of Wind Farm Integrated into Large-Scale Power Grid. , 2019, , .		1
14	Electromagnetic and Electromechanical Hybrid Simulation Based on Mosaik Framework. , 2020, , .		1
15	State Estimation of Combined Heat and Power Systems Considering Thermal Dynamics and Different Time-Scale Measurements. , 2021, , .		1
16	A Review on Impedance Modeling of Grid-Connected Renewable Energy Generation System. , 2021, , .		1
17	Real-time Simulation and Control of Refined Dynamic Model of Integrated Energy System. , 2021, , .		0
18	State Estimation of Integrated Energy System Based on Deep Neural Network. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Fine Modeling in Thermal System of Integrated Energy System. , 2021, , .		0
20	Optimization Toolbox For Multi-Regional Integrated Energy System. , 2021, , .		0
21	Modeling of Electric - thermal Multi - energy System and Coupling Method under Different Time Scales. , 2021, , .		0
22	A heterogeneous accelerated simulation framework for wind field dynamic model. IET Renewable Power Generation, 0, , .	3.1	0