

Wei Jiang

List of Publications by Year in descending order

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35
papers

412
citations

1040056

9
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless Input-Voltage-Sharing Control Strategy for Input-Series Output-Parallel (ISOP) System Based on Positive Output-Voltage Gradient Method. IEEE Transactions on Industrial Electronics, 2014, 61, 6022-6030.	7.9	98
2	Research on power sharing strategy of hybrid energy storage system in photovoltaic power station based on multi-objective optimisation. IET Renewable Power Generation, 2016, 10, 575-583.	3.1	61
3	Control of Active Power Exchange With Auxiliary Power Loop in a Single-Phase Cascaded Multilevel Converter-Based Energy Storage System. IEEE Transactions on Power Electronics, 2017, 32, 1518-1532.	7.9	38
4	Flexible Power Distribution Control in an Asymmetrical-Cascaded-Multilevel-Converter-Based Hybrid Energy Storage System. IEEE Transactions on Industrial Electronics, 2018, 65, 6150-6159.	7.9	31
5	A Fully Modular Control Strategy for Input-Series Output-Parallel (ISOP) Inverter System Based on Positive Output-Voltage-Amplitude Gradient. IEEE Transactions on Power Electronics, 2018, 33, 2878-2887.	7.9	30
6	A Hierarchical Control Structure for Distributed Energy Storage System in DC Micro-Grid. IEEE Access, 2019, 7, 128787-128795.	4.2	25
7	A Physical Probabilistic Network Model for Distribution Network Topology Recognition Using Smart Meter Data. IEEE Transactions on Smart Grid, 2019, 10, 6965-6973.	9.0	23
8	Parallel Processing of Probabilistic Models-Based Power Supply Unit Mid-Term Load Forecasting With Apache Spark. IEEE Access, 2019, 7, 7588-7598.	4.2	22
9	The Active Power Control of Cascaded Multilevel Converter Based Hybrid Energy Storage System. IEEE Transactions on Power Electronics, 2019, 34, 8241-8253.	7.9	14
10	Novel Modeling and Design of a Dual Half Bridge DC-DC Converter Applied in Supercapacitor Energy Storage System. Electric Power Components and Systems, 2014, 42, 1398-1408.	1.8	9
11	Investigation of an improved hybrid-excitation flux switching brushless machine for HEV/EV applications. , 2014, , .		6
12	DC-Side-Fault-Tolerant Control of a Battery-Supercapacitor Hybrid Energy Storage System Based on Cascaded Multilevel Converter and Auxiliary Power Loop. IEEE Transactions on Industrial Electronics, 2020, 67, 7451-7460.	7.9	6
13	Research on the Asymmetrical Multilevel Hybrid Energy Storage System Based on Hybrid Carrier Modulation. IEEE Transactions on Industrial Electronics, 2021, 68, 1241-1251.	7.9	6
14	Research on load transfer strategy optimisation with considering the operation of distributed generations and secondary dispatch. IET Generation, Transmission and Distribution, 2020, 14, 5526-5535.	2.5	6
15	Aggregating residential demands with a multi-armed bandit approach. , 2019, , .		5
16	Resilience-Oriented Dynamic Distribution Network With Considering Recovery Ability of Distributed Resources. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2022, 12, 149-160.	3.6	5
17	Investigation of on-loaded performances of hybrid-excitation flux-switching brushless machines for HEV/EV applications. , 2014, , .		4
18	Improved performance of a DC/DC converter for supercapacitor energy storage system. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Balanced supercapacitor energy storage module based on multifunctional ISOS converter. , 2014, , .		3
20	Daily Economic Optimal Dispatch of Energy Router Considering the Voltage of Distribution Network. , 2018, , .		3
21	Hierarchical Distribution Network Topology Formulation and Dimensionality Reduction Using Homeomorphism Transformation. IEEE Access, 2022, 10, 33320-33331.	4.2	3
22	The PWM phase-shifted plus feed-forward control of the boost converter applied in supercapacitor energy storage system. , 2011, , .		2
23	Probabilistic graphical model based residential energy behavioral analysis on hybrid computing platform. , 2016, , .		2
24	ES-VSC-MTDC based energy hub for honeycomb distribution network. , 2021, , .		2
25	Multi-area State Estimation of Distribution Networks Based on Optimal Partition. , 2021, , .		2
26	Analysis of distribution network outage region based on graph database. , 2016, , .		1
27	Calculation Model of Carbon Emissions in the Electric Power Industry's Life Cycle Based on LCA Method. , 2021, , .		1
28	Switch State Identification in Distribution Network Based on Edge Computing. , 2021, , .		1
29	Virtual Node Based Distribution Network Reliability Evaluation and Its Implementation on Parallel Computing Platform. , 2019, , .		0
30	Artificial Intelligence Based Distribution Networks Fault Detectation Method. , 2021, , .		0
31	SOC feedback control strategy of hybrid energy storage system for suppressing intermittent loads. , 2021, , .		0
32	optimization method for fixed capacity location of hybrid energy storage system considering intermittent loads characteristics. , 2021, , .		0
33	A Fault Section Location Method for Distribution Network Based on Discrete Bayesian Network Model. , 2021, , .		0
34	Research on reliability Evaluation system of distribution network based on Knowledge Graph. , 2021, , .		0
35	Regulation Capacity Evaluation of Large-scale Heterogeneous Residential Air Conditioning Loads. , 2021, , .		0