

Jianyong Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

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citations

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docs citations

35
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Selective Loop Bias Mapping Phase Disposition PWM With Dynamic Voltage Balance Capability for Modular Multilevel Converter. IEEE Transactions on Industrial Electronics, 2014, 61, 798-807.	5.2	107
2	An Approach for HVCB Mechanical Fault Diagnosis Based on a Deep Belief Network and a Transfer Learning Strategy. Journal of Electrical Engineering and Technology, 2019, 14, 407-419.	1.2	40
3	Phase Space Reconstruction Algorithm and Deep Learning-Based Very Short-Term Bus Load Forecasting. Energies, 2019, 12, 4349.	1.6	25
4	An Ultrashort-Term Net Load Forecasting Model Based on Phase Space Reconstruction and Deep Neural Network. Applied Sciences (Switzerland), 2019, 9, 1487.	1.3	24
5	Analysis on Integrated Energy System Cascading Failures Considering Interaction of Coupled Heating and Power Networks. IEEE Access, 2019, 7, 89752-89765.	2.6	23
6	Identification Method for Voltage Sags Based on K-means-Singular Value Decomposition and Least Squares Support Vector Machine. Energies, 2019, 12, 1137.	1.6	19
7	Self-Supervised Voltage Sag Source Identification Method Based on CNN. Energies, 2019, 12, 1059.	1.6	15
8	A novel islanding detection method based on positive feedback between active current and voltage unbalance factor. , 2014, , .		9
9	A Comprehensive VSM Control Strategy Designed for Unbalanced Grids. Energies, 2019, 12, 1169.	1.6	9
10	Operation Optimization of Multi-District Integrated Energy System Considering Flexible Demand Response of Electric and Thermal Loads. Energies, 2019, 12, 3831.	1.6	9
11	Fault Detection and Diagnosis Method of Distributed Photovoltaic Array Based on Fine-Tuning Naive Bayesian Model. Energies, 2021, 14, 4140.	1.6	7
12	An AC/DC Distribution Network DG Planning Problem: A Genetic-Ant Colony Hybrid Algorithm Approach. Applied Sciences (Switzerland), 2019, 9, 1212.	1.3	6
13	Three-Phase Saturated-Core Fault Current Limiter. Energies, 2018, 11, 3471.	1.6	5
14	An improved DAG-SVM algorithm based on KFCM in Power Transformer Fault Diagnosis. , 2019, , .		4
15	A data-driven approach to state assessment of the converter valve based on oversampling and Shapley additive explanations. IET Generation, Transmission and Distribution, 2022, 16, 1607-1619.	1.4	4
16	An Improved switched-inductor quasi-Z-source inverter. , 2013, , .		3
17	Study of a New Structure of Three-Phase Saturated-Core Fault Current Limiter. , 2018, , .		3
18	Classification of complex power quality disturbances based on modified empirical wavelet transform and light gradient boosting machine. IET Generation, Transmission and Distribution, 2022, 16, 1974-1989.	1.4	3

#	ARTICLE	IF	CITATIONS
19	Ubiquitous power Internet of Things technology for equipment monitoring. , 2019, , .		2
20	Improved Particle Swarm Optimization-based Thermal Power-energy Storage Combined AGC Frequency Regulation Control. , 2020, , .		2
21	Grid-connected photovoltaic system based on switched-inductor quasi-Z-source inverter and its low voltage ride-through control strategy. Journal of Renewable and Sustainable Energy, 2013, 5, 033120.	0.8	1
22	Regional islanding detection method of large-scale grid-connected distributed photovoltaic power. , 2017, , .		1
23	An optimization method of multiple energy flows for CCHP based on fuzzy theory and PSO. , 2017, , .		1
24	Economical Optimal Operation of Multi-energy System Considering Uncertainty. , 2018, , .		1
25	Voltage Sag Classification Based on PDT-SVM. , 2019, , .		1
26	Research on Multi-energy Power Flow Calculation of Thermoelectric Coupling Integrated Energy System. , 2019, , .		1
27	AGC Frequency Regulation Performance Evaluation Index Considering Disturbed Operating Conditions. , 2020, , .		1
28	An Early Warning Method of TCU Failure in Electromagnetic Environment Based on Pattern Matching and Support Vector Regression. Energies, 2020, 13, 5537.	1.6	1
29	Power Quality Comprehensive Evaluation Method for Wind-Solar-Battery Power System Based on Improved FAHP-GRA. , 2020, , .		1
30	An improved DAG-SVM algorithm in high voltage circuit breaker fault diagnosis. , 2017, , .		0
31	Novel Topology of DC Energy-Released Circuit For Saturated-Core Fault Current Limiter. IEEE Access, 2019, 7, 125939-125951.	2.6	0
32	Research on UPFC Fault Diagnosis Based on KFCM and Support Vector Machine. , 2019, , .		0
33	Ash-Covered State Evaluation and Alarm of Distributed Photovoltaic System Considering Full Lifetime Degradation. IEEE Access, 2020, 8, 121398-121408.	2.6	0
34	Multi-Objective Maintenance Strategy Optimization of Distributed Photovoltaic Plants. , 2020, , .		0
35	Distributed Power Flow Calculation Method of Integrated Energy System Considering Different Modes of Compressors. , 2021, , .		0