

Fei Jiang

List of Publications by Year in descending order

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papers

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27
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315
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Analysis of the Grid-Connected Inverter Considering the Asymmetric Positive-Feedback Loops Introduced by the PLL in Weak Grids. IEEE Transactions on Industrial Electronics, 2022, 69, 5793-5802.	7.9	23
2	An overview of series-connected power electronic converter with function extension strategies in the context of high-penetration of power electronics and renewables. Renewable and Sustainable Energy Reviews, 2022, 156, 111934.	16.4	9
3	An Improved Hybrid Parallel Compensator for Enhancing PV Power Transfer Capability. IEEE Transactions on Industrial Electronics, 2022, 69, 11132-11143.	7.9	31
4	Economic Analysis of Transactions in the Energy Storage Power Market: A Life-Cycle Cost Approach. Frontiers in Energy Research, 2022, 10, .	2.3	2
5	Improved Hybrid Reactive Power Compensation System Based on FC and STATCOM and Its Control Method. Chinese Journal of Electrical Engineering, 2022, 8, 29-41.	3.4	3
6	Improved Dual-Functional DVR With Integrated Auxiliary Capacitor for Capacity Optimization. IEEE Transactions on Industrial Electronics, 2021, 68, 9755-9766.	7.9	16
7	Improved dynamic voltage restorer with reduced capacity of power inverter and energy storage for voltage sag mitigation. IET Power Electronics, 2021, 14, 958-968.	2.1	6
8	Distributed Coordinated Voltage Control of Photovoltaic and Energy Storage System Based on Dynamic Consensus Algorithm. , 2021, , .		2
9	Research on the Impact of External Power on Thermal Power Companies in the Receiving Provinces and Strategies for Improving Economic Benefits. , 2021, , .		0
10	Adaptive Active Grounding Fault Regulation Method Considering the Influence of Line Impedance in Distribution Network. , 2021, , .		1
11	Research on Quasi-on-line Extraction Method of Junction-case Thermal Resistance of IGBT Module. , 2021, , .		0
12	A Comprehensive Study to Mitigate Voltage Sags and Phase Jumps Using a Dynamic Voltage Restorer. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1490-1502.	5.4	32
13	Design Consideration of a Dual-Functional Bridge-Type Fault Current Limiter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3825-3834.	5.4	16
14	Constant Frequency Control Strategy of Microgrids by Coordinating Energy Router and Energy Storage System. Mathematical Problems in Engineering, 2020, 2020, 1-8.	1.1	4
15	New Configuration of Multifunctional Dynamic Voltage Restorer with Renewable Energy Integration for Performance Improvement. , 2020, , .		0
16	Impedance Reshaping Control Method to Improve Weak Grid Stability of Grid-Connected Inverters. , 2020, , .		3
17	Capacity optimization scheme of UPQC system based on an Improved Topology. , 2020, , .		2
18	Operations and Coordination of Dual-Functional DVR and Recloser in a Power Distribution System. IEEE Access, 2019, 7, 140908-140921.	4.2	6

#	ARTICLE	IF	CITATIONS
19	Adaptive soft starter for a three-phase induction motor driving device using a multifunctional series compensator. IET Electric Power Applications, 2019, 13, 977-983.	1.8	4
20	Dual-Functional Dynamic Voltage Restorer to Limit Fault Current. IEEE Transactions on Industrial Electronics, 2019, 66, 5300-5309.	7.9	60
21	A review of series voltage source converter with fault current limiting function. Chinese Journal of Electrical Engineering, 2018, 4, 36-44.	3.4	12
22	Analysis and control of bridge-type fault current limiter integrated with the dynamic voltage restorer. International Journal of Electrical Power and Energy Systems, 2018, 95, 315-326.	5.5	18
23	New Adaptive Scheme for Dynamic Voltage Restorer to Voltage Sag Compensation and Flexible Self-recovery. , 2018, , .		0
24	Combinational voltage booster technique for fault ride-through capability enhancement of squirrel-cage induction generator. Electric Power Systems Research, 2016, 136, 163-172.	3.6	10
25	Multilevel Cascaded-Type Dynamic Voltage Restorer With Fault Current-Limiting Function. IEEE Transactions on Power Delivery, 2016, 31, 1261-1269.	4.3	44
26	Design Considerations of a Fault Current Limiting Dynamic Voltage Restorer (FCL-DVR). IEEE Transactions on Smart Grid, 2015, 6, 14-25.	9.0	78
27	The Short-term Load Forecasting Based on the Rate of Load Fluctuation. , 2011, , .		2