

Jiajie Zang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Multiport DC Power Flow Controller Embedded in Modular Multilevel DC Transformer. IEEE Transactions on Industrial Electronics, 2023, 70, 4831-4841.	7.9	8
2	Operation and Control of Bipolar-Type Modular Solid State Transformer With Active Circulating Current Injection and Arm Voltage Adjusting Method. IEEE Transactions on Power Electronics, 2022, 37, 9663-9673.	7.9	5
3	An Isolated Modular Multi-level DC Transformer with Embedded Multi-port Current Flow Controller for Meshed DC Distribution Grids. , 2022, , .		1
4	A Multiple-AC-Ports Power Electronic Transformer. , 2022, , .		2
5	Design and Control of Power Fluctuation Delivery for Cell Capacitance Optimization in Multiport Modular Solid-State Transformers. IEEE Transactions on Power Electronics, 2021, 36, 1412-1427.	7.9	36
6	Overview of grounding schemes for solid-state transformers in distribution networks. IET Generation, Transmission and Distribution, 2021, 15, 3081-3099.	2.5	5
7	Residual Power Transfer Capability Analysis of an MMC-SST under Submodule IGBT Open-Circuit Fault. , 2021, , .		1
8	A Global Redundancy Scheme for Medium-Voltage Modular Multilevel Converter Based Solid-State Transformer. , 2019, , .		9
9	Design and Analysis of Flexible Multi-Microgrid Interconnection Scheme for Mitigating Power Fluctuation and Optimizing Storage Capacity. Energies, 2019, 12, 2132.	3.1	10
10	Fluctuation Power Control Strategy for MMC-based SST to Reduce the Submodule Capacitor Voltage Oscillation. , 2019, , .		4
11	Grounding Design and Fault Analysis of MMC Based Flexible Interconnection Device in Future Distribution Networks. , 2018, , .		10
12	Multi-bus flexible interconnection scheme for balancing power transformers in low-voltage distribution systems. , 2017, , .		3