Songda Wang

List of Publications by Year
in descending order

13	235	1163117 8	1474206 9
papers	citations	h-index	g-index

13	13	13	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis and Comparison of MMC-Based Co-Phase Traction Power Supply Topology for Auto-Transformer Power Supply System. IEEE Transactions on Power Delivery, 2022, 37, 4053-4063.	4.3	9
2	Machine Learning Based Operating Region Extension of Modular Multilevel Converters Under Unbalanced Grid Faults. IEEE Transactions on Industrial Electronics, 2021, 68, 4554-4560.	7.9	20
3	Machine Learning Emulation of Model Predictive Control for Modular Multilevel Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 11628-11634.	7.9	30
4	Neural Network Based Model Predictive Controllers for Modular Multilevel Converters. IEEE Transactions on Energy Conversion, 2021, 36, 1562-1571.	5.2	37
5	Novel Converter Topology With Reduced Cost, Size and Weight for High-Power Medium-Voltage Machine Drives: 3x3 Modular Multilevel Series Converter. IEEE Access, 2021, 9, 49082-49097.	4.2	13
6	Modeling and Mitigation Control of the Submodule-Capacitor Voltage Ripple of a Modular Multilevel Converter under Unbalanced Grid Conditions. Energies, 2021, 14, 651.	3.1	11
7	Performance Analysis of Modular Multilevel Converter and Modular Multilevel Series Converter under Variable-Frequency Operation Regarding Submodule-Capacitor Voltage Ripple. Energies, 2021, 14, 776.	3.1	5
8	New ACâ€“AC Modular Multilevel Converter Solution for Medium-Voltage Machine-Drive Applications: Modular Multilevel Series Converter. Energies, 2020, 13, 3664.	3.1	8
9	Learning Based Capacitor Voltage Ripple Reduction of Modular Multilevel Converters under Unbalanced Grid Conditions with Different Power Factors. , 2020, , .		3
10	A Currentless Sorting and Selection-Based Capacitor-Voltage-Balancing Method for Modular Multilevel Converters. IEEE Transactions on Power Electronics, 2019, 34, 1022-1025.	7.9	90
11	A Novel Harmonic Control Method for MMC Combining Improved Nearest Level Control and Selective Harmonic Elimination method. , 2019, , .		2
12	A Reduced-Switching-Frequency Modulation Method for Hybrid MMCs Under Over-Modulation Conditions. , 2018, , .		2
13	Capacitor Voltage Ripple Reduction Methods of Modular Multilevel Converter under Unbalanced Fault Conditions: A Comparison. , 2018, , .		5