

Jianing

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In-Depth Design and Multiobjective Optimization of an Integrated Transformer for Five-Phase LLC Resonant Converters. IEEE Transactions on Power Electronics, 2022, 37, 13538-13553.	7.9	5
2	Soft switching circuit of high-frequency active neutral point clamped inverter based on SiC/Si hybrid device. Journal of Power Electronics, 2021, 21, 71-84.	1.5	8
3	The Potential Impact of Using Traction Inverters With SiC MOSFETs for Electric Buses. IEEE Access, 2021, 9, 51561-51572.	4.2	10
4	Accurate Modeling of the Effective Parasitic Parameters for the Laminated Busbar Connected With Paralleled SiC MOSFETs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2107-2120.	5.4	10
5	Co-Reduction of Common Mode Noise and Loop Current of Three-Level Active Neutral Point Clamped Inverters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1088-1103.	5.4	8
6	Small Signal Modeling and Discontinuous Stable Regions of Grid-connected Inverter Based on Pade Approximation. , 2021, , .		0
7	The Method for Decoupling the Parasitic Inductance of the Laminated Busbar with SiC MOSFETs in Parallel. , 2021, , .		1
8	Power Cycling Capabilities of Bond Buffer Technologies for Wide Bandgap Power Devices. , 2021, , .		0
9	Common Mode Noise Reduction of Three-Level Active Neutral Point Clamped Inverters With Uncertain Parasitic Capacitance of Photovoltaic Panels. IEEE Transactions on Power Electronics, 2020, 35, 6974-6988.	7.9	13
10	A High-Efficiency Three-Level ANPC Inverter Based on Hybrid SiC and Si Devices. Energies, 2020, 13, 1159.	3.1	21
11	A Carrier-Based PWM Strategy Providing Neutral-Point Voltage Oscillation Elimination for Multi-Phase Neutral Point Clamped 3-Level Inverter. IEEE Access, 2019, 7, 124066-124076.	4.2	25
12	An Extraction Method for the Parasitic Capacitance of the Photovoltaic Module Based on the Oscillation of the Leakage Current. , 2019, , .		2
13	A Practical Method to Eliminate the Common Mode Current of 3-level Active Neutral Point Clamped Inverters with Uncertain Parasitic Capacitance of Photovoltaic Panels. , 2019, , .		0
14	An Overall Minimized Switching Loss Discontinuous PWM Strategy for Neutral Point Clamped Three Level Inverters. IEEE Access, 2019, 7, 122387-122397.	4.2	6
15	Condition Analysis on Implementation of On-Line Monitoring of IGBT Modules of Three-Level NPC Inverters. , 2019, , .		1
16	A Novel Discontinuous Modulation Strategy With Reduced Common-Mode Voltage and Removed DC Offset on Neutral-Point Voltage for Neutral-Point-Clamped Three-Level Converter. IEEE Transactions on Power Electronics, 2019, 34, 7637-7649.	7.9	24
17	A Plug-and-play Condition Monitoring System for IGBT Module Bonding Wires. , 2018, , .		1
18	Complete parasitic capacitance model of photovoltaic panel considering the rain water. Chinese Journal of Electrical Engineering, 2017, 3, 77-84.	3.4	11

#	ARTICLE	IF	CITATIONS
19	Junction temperature estimation in IGBT power modules based on Kalman filter. , 2017, , .		6
20	Effect of water on parasitic capacitance of photovoltaic panel. , 2017, , .		1
21	Effect of key physical structures on the laminated bus bar inductance. , 2016, , .		5