

Yubin Wang

List of Publications by Year in descending order

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26
papers

134
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1478505

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docs citations

26
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensorless parameter estimation and current-sharing strategy in two-phase and multiphase IPOP DAB DC-DC converters. IET Power Electronics, 2018, 11, 1135-1142.	2.1	15
2	Modeling and Controller Design of Distribution Static Synchronous Compensator. , 2006, , .		10
3	Multiphase Low Stresses High Step-Up DC-DC Converter With Self-Balancing Capacitor Voltages and Self-Averaging Inductor Currents. IEEE Transactions on Power Electronics, 2022, 37, 6913-6926.	7.9	10
4	Comparison study of MPPT control strategies for double-stage PV grid-connected inverter. , 2013, , .		9
5	Pulse frequency modulation and unilateral dual-phase-shift hybrid control strategy for bidirectional full-bridge LLC resonant converter. Journal of Engineering, 2019, 2019, 3120-3126.	1.1	9
6	Three-phase interleaved high step-up bidirectional DC-DC converter. IET Power Electronics, 2020, 13, 2469-2480.	2.1	9
7	Low current ripple high step-up interleaved boost converter with switched-capacitors and switched-inductors. Journal of Power Electronics, 2021, 21, 1646-1658.	1.5	8
8	Comprehensive Analysis and Design for One-Cycle Controlled DC Side APF. , 2006, , .		7
9	A novel high-conversion-ratio bidirectional three-phase DC-DC converter. Journal of Engineering, 2019, 2019, 2764-2771.	1.1	7
10	Wide input/output control strategy for multiphase series capacitor bidirectional DC-DC converters. Journal of Power Electronics, 2021, 21, 735-746.	1.5	7
11	Research on voltage balance and power balance control for three-phase cascaded multilevel converter based power electronic transformer. , 2016, , .		6
12	Topology optimisation and current sharing strategy of interleaved bidirectional dc/dc converter with coupling technique. IET Power Electronics, 2018, 11, 2470-2480.	2.1	6
13	Distributed control strategy of hybrid energy storage system in the DC microgrid. Journal of Engineering, 2019, 2019, 2851-2855.	1.1	6
14	Zero Input Current Ripple LLC Resonant Converter with Integrated Interleaved Boost Converter. , 2021, , .		6
15	Control of three-phase cascaded multilevel converter based power electronic transformer under unbalanced input voltages. , 2016, , .		4
16	Large-Signal Stability Analysis and Shunt Active Damper Compensation for DC Microgrid with Multiple Constant Power Loads. , 2019, , .		4
17	Synchronous Rectification Control Strategy for Bidirectional Full-bridge LLC Resonant Converter. , 2019, , .		3
18	Stability Analysis and Active Damping Control Method of DC Microgrid Based on Solid-State Transformer. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	An adaptive nonlinear droop control for accurate load current sharing and DC bus voltage compensation in a DC power system. <i>Journal of Power Electronics</i> , 2022, 22, 308-317.	1.5	2
20	Studies on Substation Voltage and Reactive Power Automatic Regulating Criteria. , 2006, , .		1
21	The simplified topology of three-phase SST based on 15kV SIC devices and the control strategy under unbalanced grid voltage. , 2016, , .		1
22	Research on high power interleaved bidirectional dc/dc converter with coupling technique. , 2017, , .		1
23	Multi-Phase Interleaved Bidirectional DC/DC Converter with Two-Winding Coupled Inductors. , 2019, , .		1
24	Three-level half-bridge LLC converter with phase shift and frequency modulation control. , 2016, , .		0
25	Stability Analysis and Compensation Methods to Improve Stability for DC Microgrid with Constant Power Loads. , 2021, , .		0
26	High-Gain Four-Phase DC-DC Converter with Current and Voltage Self-Averaging Feature. , 2020, , .		0