

Guangyuan Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Power-Based Droop Control in DC Microgrids Enabling Seamless Disconnection From Upstream Grids. IEEE Transactions on Power Electronics, 2019, 34, 2039-2051.	7.9	47
2	Suppression of Second-Order Harmonic Current for Droop-Controlled Distributed Energy Resource Converters in DC Microgrids. IEEE Transactions on Industrial Electronics, 2020, 67, 358-368.	7.9	39
3	Analysis of an Online Stability Monitoring Approach for DC Microgrid Power Converters. IEEE Transactions on Power Electronics, 2019, 34, 4794-4806.	7.9	21
4	Resistiveâ€“Capacitive Output Impedance Shaping for Droop-Controlled Converters in DC Microgrids With Reduced Output Capacitance. IEEE Transactions on Power Electronics, 2020, 35, 6501-6511.	7.9	20
5	Power-based droop control in DC microgrids enabling seamless disconnection from AC grids. , 2017, , .		13
6	Simultaneous Identification of Multiple Control Loops in DC Microgrid Power Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 10641-10651.	7.9	11
7	On-line stability monitoring for power converters in DC microgrids. , 2017, , .		9
8	Online Controller Tuning for DC Microgrid Power Converters With the Ability to Track Maximum Allowable Bandwidth. IEEE Transactions on Industrial Electronics, 2022, 69, 1888-1897.	7.9	6
9	Power-based droop control suppressing the effect of bus voltage harmonics for DC microgrids. , 2017, , .		5
10	Hysteresis Droop Controller with One Sample Delay for DC-DC Converters in DC Microgrids. , 2019, , .		5
11	PRBS-based loop gain identification and output impedance shaping in DC microgrid power converters. Mathematics and Computers in Simulation, 2021, 183, 129-141.	4.4	5
12	Power sharing analysis of power-based droop control for DC microgrids considering cable impedances. , 2017, , .		3
13	Auto-Tuning of DC Microgrid Power Converters Based on a Constant Frequency Injection. , 2019, , .		2