

Sucheng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

106
citations

2258059

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2053705

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all docs

23
docs citations

23
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Takagi-Sugeno Multimodeling-Based Large Signal Stability Analysis of DC Microgrid Clusters. IEEE Transactions on Power Electronics, 2021, 36, 12670-12684.	7.9	33
2	Predictive function control in tertiary level for power flow management of DC microgrid clusters. Electronics Letters, 2020, 56, 675-676.	1.0	12
3	Function Controller Design in Tertiary Level for DC Microgrid Clusters. , 2020, , .		8
4	New low-cost five-level active neutral-point clamped converter. , 2016, , .		6
5	Automatic current-sharing method for multi-phase LLC resonant converter. , 2016, , .		5
6	Distributed Piecewise Droop Control of DC Microgrid with Improved Load Sharing and Voltage Compensation. , 2019, , .		5
7	A Multivariable Hysteresis-Based DC Bus Signaling Control for DC Microgrid With Enhanced Reliability. , 2019, , .		5
8	Seven-switch five-level active neutral-point clamped converter and optimal modulation strategy. , 2016, , .		4
9	Multiple Lyapunov Function-Based Large Signal Stability Analysis of DC Microgrid with Coordinated Control. , 2019, , .		4
10	SoC balancing method for energy storage systems in DC microgrids using simplified droop control. Journal of Power Electronics, 2021, 21, 1200.	1.5	4
11	Tertiary Control Based on Non-Parametric Model Prediction for DC Microgrid Cluster. , 2021, , .		4
12	Analysis on feedback interconnections of cascaded DC-DC converter systems. , 2015, , .		3
13	Distributed Predictive Tertiary Control for DC Microgrid Clusters. , 2021, , .		3
14	Digital capacitor charge balance control strategy of bidirectional DC/DC converter in DC microgrid. , 2017, , .		2
15	Multi-level bus voltage compensation of droop control with enhanced load-sharing capability for DC microgrid. Journal of Engineering, 2019, 2019, 3056-3061.	1.1	2
16	DC Bus Signaling-Based Coordination Through Masked Sensing for DC Microgrid. , 2020, , .		2
17	Fractional delay repetitive control of three-phase PWM inverters. , 2016, , .		1
18	Simplified Large Signal Stability Analysis of MPPT-Controlled PV Interfacing DC/DC Converter Based on a Lyapunov-Like Function. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	A general piecewise droop design method for DC microgrid. International Journal of Electronics, 2021, 108, 758-776.	1.4	1
20	Analysis of Effects of Communication Conditions on Distributed Secondary Control for DC Microgrids. , 2020, , .		1
21	Weighted controller structure of DC-DC converters for adaptive regulation to large-signal operations. , 2016, , .		0
22	Switching Transformer-Based LLC Resonant Converter for Efficiency Improvement in Wide Range of Light Load. , 2019, , .		0
23	Plug-in of An Extra Power Module into Parallel-Modules with Unknown Current Sharing Strategies. , 2019, , .		0