

# Sucheng Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2806164/publications.pdf>

Version: 2024-02-01

23  
papers

106  
citations

2258059

3  
h-index

2053705

5  
g-index

23  
all docs

23  
docs citations

23  
times ranked

38  
citing authors

#	ARTICLE	IF	CITATIONS
1	A general piecewise droop design method for DC microgrid. International Journal of Electronics, 2021, 108, 758-776.	1.4	1
2	SoC balancing method for energy storage systems in DC microgrids using simplified droop control. Journal of Power Electronics, 2021, 21, 1200.	1.5	4
3	Takagi-Sugeno Multimodeling-Based Large Signal Stability Analysis of DC Microgrid Clusters. IEEE Transactions on Power Electronics, 2021, 36, 12670-12684.	7.9	33
4	Tertiary Control Based on Non-Parametric Model Prediction for DC Microgrid Cluster. , 2021, , .		4
5	Distributed Predictive Tertiary Control for DC Microgrid Clusters. , 2021, , .		3
6	Predictive function control in tertiary level for power flow management of DC microgrid clusters. Electronics Letters, 2020, 56, 675-676.	1.0	12
7	DC Bus Signaling-Based Coordination Through Masked Sensing for DC Microgrid. , 2020, , .		2
8	Analysis of Effects of Communication Conditions on Distributed Secondary Control for DC Microgrids. , 2020, , .		1
9	Function Controller Design in Tertiary Level for DC Microgrid Clusters. , 2020, , .		8
10	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
11	Simplified Large Signal Stability Analysis of MPPT-Controlled PV Interfacing DC/DC Converter Based on a Lyapunov-Like Function. , 2019, , .		1
12	Switching Transformer-Based LLC Resonant Converter for Efficiency Improvement in Wide Range of Light Load. , 2019, , .		0
13	Plug-in of An Extra Power Module into Parallel-Modules with Unknown Current Sharing Strategies. , 2019, , .		0
14	Multiple Lyapunov Function-Based Large Signal Stability Analysis of DC Microgrid with Coordinated Control. , 2019, , .		4
15	Distributed Piecewise Droop Control of DC Microgrid with Improved Load Sharing and Voltage Compensation. , 2019, , .		5
16	A Multivariable Hysteresis-Based DC Bus Signaling Control for DC Microgrid With Enhanced Reliability. , 2019, , .		5
17	Digital capacitor charge balance control strategy of bidirectional DC/DC converter in DC microgrid. , 2017, , .		2
18	Automatic current-sharing method for multi-phase LLC resonant converter. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Fractional delay repetitive control of three-phase PWM inverters. , 2016, , .		1
20	Weighted controller structure of DC-DC converters for adaptive regulation to large-signal operations. , 2016, , .		0
21	New low-cost five-level active neutral-point clamped converter. , 2016, , .		6
22	Seven-switch five-level active neutral-point clamped converter and optimal modulation strategy. , 2016, , .		4
23	Analysis on feedback interconnections of cascaded DC-DC converter systems. , 2015, , .		3