

Wenbin Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

462
citations

933447

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1199594

12
g-index

25
all docs

25
docs citations

25
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiency-Prioritized Droop Control Strategy of AC Microgrid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2936-2950.	5.4	30
2	New Perspectives on Power Control of AC Microgrid Considering Operation Cost and Efficiency. IEEE Transactions on Power Systems, 2021, 36, 4844-4847.	6.5	20
3	Impacts of Inductor Nonlinear Characteristic in Multiconverter Microgrids: Modeling, Analysis, and Mitigation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3333-3347.	5.4	17
4	A Robust Voltage Sensorless Droop Control Strategy of Microgrid Against Parameters Perturbation. , 2020, , .		1
5	Efficiency Modelling and Analysis of Multi-bus Microgrid with Transmission Network. , 2020, , .		0
6	A Unified Distributed Control Strategy for Hybrid Cascaded-Parallel Microgrid. IEEE Transactions on Energy Conversion, 2019, 34, 2029-2040.	5.2	19
7	Robust Droop Control of AC Microgrid Against Nonlinear Characteristic of Inductor. , 2019, , .		11
8	Adaptive Droop Control Strategy of Autonomous Microgrid for Efficiency Improvement. , 2019, , .		7
9	A fully decentralized control of grid-connected cascaded inverters. IEEE Transactions on Sustainable Energy, 2019, 10, 315-317.	8.8	68
10	An <i>f-P/Q</i> Droop Control in Cascaded-Type Microgrid. IEEE Transactions on Power Systems, 2018, 33, 1136-1138.	6.5	77
11	A novel quasi-master-slave control frame for PV-storage independent microgrid. International Journal of Electrical Power and Energy Systems, 2018, 97, 262-274.	5.5	41
12	A Cost-Effective Decentralized Control for AC-Stacked Photovoltaic Inverters. Energies, 2018, 11, 2262.	3.1	2
13	An Integrated Series-Parallel Microgrid Structure and its Unified Distributed Control. , 2018, , .		5
14	A Communication-Free Decentralized Control for Grid-Connected Cascaded PV Inverters. Energies, 2018, 11, 1375.	3.1	12
15	Existence and Stability of Equilibrium of DC Microgrid With Constant Power Loads. IEEE Transactions on Power Systems, 2018, 33, 6999-7010.	6.5	52
16	Stability analysis and concept extension of harmonic decoupling network for the three-phase grid synchronization systems. International Journal of Electrical Power and Energy Systems, 2017, 89, 1-10.	5.5	10
17	Stabilization methods of DC Microgrid with distributed control considering communication delay. , 2017, , .		0
18	A novel operation mode for PV-storage independent microgrids with MPPT based droop control. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
19	A decentralized SOC balancing method in cascaded H-bridge based storage modules. , 2017, , .		5
20	A decentralized control for cascaded PV inverter system in grid-connected mode. , 2017, , .		3
21	Delay-dependent stability analysis of DC microgrid with distributed control considering communication delay. , 2017, , .		4
22	Control design and stability analysis for the cascaded-type AC microgrid. , 2017, , .		4
23	A unified distributed control for grid-connected and islanded modes in multi-bus AC microgrid. , 2017, , .		5
24	Conventional P-%/Q-V Droop Control in Highly Resistive Line of Low-Voltage Converter-Based AC Microgrid. Energies, 2016, 9, 943.	3.1	40
25	Improvement of transient stability in inverter-based AC microgrid via adaptive virtual inertia. , 2016, , .		24