

Jinghang Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Hybrid Voltage/Current Control Scheme With Low-Communication Burden for Grid-Connected Series-Type Inverters in Decentralized Manner. IEEE Transactions on Power Electronics, 2022, 37, 920-931.	7.9	5
2	Distributed Event-Triggered Control for Reactive, Unbalanced, and Harmonic Power Sharing in Islanded AC Microgrids. IEEE Transactions on Industrial Electronics, 2022, 69, 1548-1560.	7.9	33
3	Existence and Stability of Equilibrium of DC Micro-Grid Under Master-Slave Control. IEEE Transactions on Power Systems, 2022, 37, 212-223.	6.5	17
4	Distributed Dynamic Event-Triggered Control for Accurate Active and Harmonic Power Sharing in Modular On-Line UPS Systems. IEEE Transactions on Industrial Electronics, 2022, 69, 13045-13055.	7.9	6
5	Distributed Dynamic Event-Triggered Control for Voltage Restoration and Current Sharing in DC Microgrids. IEEE Transactions on Sustainable Energy, 2022, 13, 619-628.	8.8	23
6	Decentralized Control Strategies in Grid-Connected Mode. Power Systems, 2022, , 195-224.	0.5	0
7	A Master-Slave Control in Grid-Connected Applications. Power Systems, 2022, , 225-246.	0.5	0
8	Distributed Event-Triggered Control with Less Communication. Power Systems, 2022, , 113-135.	0.5	1
9	Dynamic Frequency Regulation Via Adaptive Virtual Inertia. Power Systems, 2022, , 43-65.	0.5	0
10	Dynamic Distributed Consensus Control Strategy. Power Systems, 2022, , 95-111.	0.5	0
11	Generalized Extended State Observer-Based Distributed Attack-Resilient Control for DC Microgrids. IEEE Transactions on Sustainable Energy, 2022, 13, 1469-1480.	8.8	12
12	Distributed Event-Triggered Control for Harmonic Voltage Compensation in Islanded AC Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 4190-4201.	9.0	1
13	AA Reduced-Order Generalized Proportional Integral Observer-Based Resonant Super-Twisting Sliding Mode Control for Grid-Connected Power Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 5897-5908.	7.9	49
14	Mitigation of voltage sag for DVR to comply with voltage security protocol via elliptical trajectory compensation. IET Power Electronics, 2021, 14, 1044-1058.	2.1	4
15	Flexible power control strategy for elliptical trajectory based dynamic voltage restorer during voltage sags. IET Renewable Power Generation, 2021, 15, 2904-2917.	3.1	1
16	Identification Design for Dynamic Voltage Restorer to Mitigate Voltage Sag Based on the Elliptical Transformation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5672-5686.	5.4	5
17	An Improved Decentralized Control of Cascaded Inverters with Robust Stability against Grid-Voltage Variation. IEEE Transactions on Energy Conversion, 2021, , 1-1.	5.2	2
18	Improvement of Frequency Regulation in VSG-Based AC Microgrid Via Adaptive Virtual Inertia. IEEE Transactions on Power Electronics, 2020, 35, 1589-1602.	7.9	172

#	ARTICLE	IF	CITATIONS
19	Coupling-Related Instability Mechanism and Mitigation Analysis of the Instantaneous Power Based Current Controlled Inverter. IEEE Access, 2020, 8, 178909-178923.	4.2	2
20	A Dynamic Consensus Algorithm-based Adaptive Virtual Resistance Control Strategy for Modular On-line Uninterruptible Power Supply System. , 2020, , .		1
21	Multimode Operation for On-Line Uninterruptible Power Supply System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 1181-1196.	5.4	24
22	An Effective Solution for Regeneration Protection in Uninterruptible Power Supply. IEEE Transactions on Industry Applications, 2019, 55, 3055-3065.	4.9	9
23	A Self-Synchronized Decentralized Control for Series-Connected H-Bridge Rectifiers. IEEE Transactions on Power Electronics, 2019, 34, 7136-7142.	7.9	20
24	A Voltage Modulated DPC Approach for Three-Phase PWM Rectifier. IEEE Transactions on Industrial Electronics, 2018, 65, 7612-7619.	7.9	65
25	Multi-mode operations for on-line uninterruptible power supply. , 2018, , .		4
26	DC-Link Protection and Control in Modular Uninterruptible Power Supply. IEEE Transactions on Industrial Electronics, 2018, 65, 3942-3953.	7.9	30
27	An Enhanced State Observer for DC-Link Voltage Control of Three-Phase AC/DC Converters. IEEE Transactions on Power Electronics, 2018, 33, 936-942.	7.9	65
28	Finite Control Set Model Predictive Control of an Active Nested Neutral-Point-Clamped Converter. , 2018, , .		5
29	Distributed Hierarchical Control of AC Microgrid Operating in Grid-Connected, Islanded and Their Transition Modes. IEEE Access, 2018, 6, 77388-77401.	4.2	110
30	A Reduced-Order Enhanced State Observer Control of DC-DC Buck Converter. IEEE Access, 2018, 6, 56184-56191.	4.2	16
31	Feedforward control strategy for the state-decoupling Stand-alone UPS with LC output filter. , 2017, , .		3
32	An enhanced control scheme for uninterruptible power supply. , 2017, , .		1
33	Second order washout filter based power sharing strategy for uninterruptible power supply. , 2017, , .		9
34	Virtual resistance-based control strategy for DC link regeneration protection and current sharing in uninterruptible power supply. , 2017, , .		1
35	Flexible operation of parallel grid-connecting converters under unbalanced grid voltage. , 2017, , .		2
36	Linear active disturbance rejection control for LCL type grid-connected converter. , 2016, , .		3

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37	Analysis and damping of harmonic propagation in DG-penetrated distribution networks. , 2016, , .		1
38	Harmonic damping in dg-penetrated distribution network. , 2016, , .		0
39	DG control strategies for grid voltage unbalance compensation. , 2014, , .		14