

# Jinghang Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

716  
citations

759233

12  
h-index

677142

22  
g-index

39  
all docs

39  
docs citations

39  
times ranked

729  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Distributed Hierarchical Control of AC Microgrid Operating in Grid-Connected, Islanded and Their Transition Modes. IEEE Access, 2018, 6, 77388-77401.	4.2	110
3	A Voltage Modulated DPC Approach for Three-Phase PWM Rectifier. IEEE Transactions on Industrial Electronics, 2018, 65, 7612-7619.	7.9	65
4	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
5	ÅA 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
6	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
7	DC-Link Protection and Control in Modular Uninterruptible Power Supply. IEEE Transactions on Industrial Electronics, 2018, 65, 3942-3953.	7.9	30
8	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
9	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
10	A Self-Synchronized Decentralized Control for Series-Connected H-Bridge Rectifiers. IEEE Transactions on Power Electronics, 2019, 34, 7136-7142.	7.9	20
11	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
12	A Reduced-Order Enhanced State Observer Control of DC-DC Buck Converter. IEEE Access, 2018, 6, 56184-56191.	4.2	16
13	DG control strategies for grid voltage unbalance compensation. , 2014, , .		14
14	Generalized Extended State Observer-Based Distributed Attack-Resilient Control for DC Microgrids. IEEE Transactions on Sustainable Energy, 2022, 13, 1469-1480.	8.8	12
15	Second order washout filter based power sharing strategy for uninterruptible power supply. , 2017, , .		9
16	An Effective Solution for Regeneration Protection in Uninterruptible Power Supply. IEEE Transactions on Industry Applications, 2019, 55, 3055-3065.	4.9	9
17	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
18	Finite Control Set Model Predictive Control of an Active Nested Neutral-Point-Clamped Converter. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Multi-mode operations for on-line uninterruptible power supply. , 2018, , .		4
22	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
23	Linear active disturbance rejection control for LCL type grid-connected converter. , 2016, , .		3
24	Feedforward control strategy for the state-decoupling Stand-alone UPS with LC output filter. , 2017, , .		3
25	Flexible operation of parallel grid-connecting converters under unbalanced grid voltage. , 2017, , .		2
26	Coupling-Related Instability Mechanism and Mitigation Analysis of the Instantaneous Power Based Current Controlled Inverter. IEEE Access, 2020, 8, 178909-178923.	4.2	2
27	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
28	Analysis and damping of harmonic propagation in DG-penetrated distribution networks. , 2016, , .		1
29	An enhanced control scheme for uninterruptible power supply. , 2017, , .		1
30	Virtual resistance-based control strategy for DC link regeneration protection and current sharing in uninterruptible power supply. , 2017, , .		1
31	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
32	A Dynamic Consensus Algorithm-based Adaptive Virtual Resistance Control Strategy for Modular On-line Uninterruptible Power Supply System. , 2020, , .		1
33	Distributed Event-Triggered Control with Less Communication. Power Systems, 2022, , 113-135.	0.5	1
34	Distributed Event-Triggered Control for Harmonic Voltage Compensation in Islanded AC Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 4190-4201.	9.0	1
35	Harmonic damping in dg-penetrated distribution network. , 2016, , .		0
36	Decentralized Control Strategies in Grid-Connected Mode. Power Systems, 2022, , 195-224.	0.5	0

#	ARTICLE	IF	CITATIONS
37	A Master-Slave Control in Grid-Connected Applications. Power Systems, 2022, , 225-246.	0.5	0
38	Dynamic Frequency Regulation Via Adaptive Virtual Inertia. Power Systems, 2022, , 43-65.	0.5	0
39	Dynamic Distributed Consensus Control Strategy. Power Systems, 2022, , 95-111.	0.5	0