

Chendan Li

List of Publications by Year in descending order

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33
papers

804
citations

933447

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1372567

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all docs

34
docs citations

34
times ranked

923
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifetime Modelling of Power Electronics for Power Electronic Based Power System – A Case for Microgrids. , 2021, , .		0
2	Operating Cost Reduction of DC Microgrids Under Real-Time Pricing Using Adaptive Differential Evolution Algorithm. IEEE Access, 2020, 8, 169247-169258.	4.2	31
3	Defining Three Distribution System Scenarios for Microgrid Applications. , 2020, , .		4
4	Economic Dispatch of DC Microgrids Under Real-Time Pricing Using Adaptive Differential Evolution Algorithm. , 2020, , .		4
5	Dynamic Pricing for Microgrids Energy Transaction in Blockchain-based Ecosystem. , 2019, , .		3
6	A Data-driven Approach to Grid Impedance Identification for Impedance-based Stability Analysis under Different Frequency Ranges. , 2019, , .		8
7	Cloud-Fog Architecture Based Energy Management and Decision-Making for Next-Generation Distribution Network with Prosumers and Internet of Things Devices. Applied Sciences (Switzerland), 2019, 9, 372.	2.5	17
8	Wireless power supply technology for uniform magnetic field of intelligent greenhouse sensors. Computers and Electronics in Agriculture, 2019, 156, 203-208.	7.7	16
9	A Dynamic Consensus Algorithm to Adjust Virtual Impedance Loops for Discharge Rate Balancing of AC Microgrid Energy Storage Units. IEEE Transactions on Smart Grid, 2018, 9, 4847-4860.	9.0	48
10	Power Flow Analysis for Low-Voltage AC and DC Microgrids Considering Droop Control and Virtual Impedance. IEEE Transactions on Smart Grid, 2017, 8, 2754-2764.	9.0	146
11	Discharge rate balancing control strategy based on dynamic consensus algorithm for energy storage units in AC microgrids. , 2017, , .		2
12	Economic Dispatch for Operating Cost Minimization Under Real-Time Pricing in Droop-Controlled DC Microgrid. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 587-595.	5.4	104
13	Multiagent-Based Distributed State of Charge Balancing Control for Distributed Energy Storage Units in AC Microgrids. IEEE Transactions on Industry Applications, 2017, 53, 2369-2381.	4.9	125
14	Optimization scheduling in intelligent Energy Management System for the DC residential distribution system. , 2017, , .		2
15	Grid architecture for future distribution system – A cyber-physical system perspective. , 2017, , .		5
16	Economic Power Schedule and Transactive Energy through an Intelligent Centralized Energy Management System for a DC Residential Distribution System. Energies, 2017, 10, 916.	3.1	22
17	Operation Cost Minimization of Droop-Controlled AC Microgrids Using Multiagent-Based Distributed Control. Energies, 2016, 9, 717.	3.1	18
18	Distributed coordination of electric vehicle charging in a community microgrid considering real-time price. , 2016, , .		10

#	ARTICLE	IF	CITATIONS
19	Convergence analysis of distributed control for operation cost minimization of droop controlled DC microgrid based on multiagent. , 2016, , .		16
20	Multiagent based distributed control for operation cost minimization of droop controlled AC microgrid using incremental cost consensus. , 2015, , .		10
21	Multiagent-based distributed control for operation cost minimization of droop controlled DC microgrid using incremental cost consensus. , 2015, , .		6
22	Operation cost minimization of droop-controlled DC microgrids based on real-time pricing and optimal power flow. , 2015, , .		17
23	Optimal power flow in three-phase islanded microgrids with inverter interfaced units. Electric Power Systems Research, 2015, 123, 48-56.	3.6	28
24	Multi-agent-based distributed state of charge balancing control for distributed energy storage units in AC microgrids. , 2015, , .		27
25	Active power regulation based on droop for AC microgrid. , 2015, , .		1
26	Control of a multi-functional inverter for grid integration of PV and battery energy storage system. , 2015, , .		13
27	Optimal power flow based on glow worm-swarm optimization for three-phase islanded microgrids. , 2014, , .		10
28	Power flow analysis for droop controlled LV hybrid AC-DC microgrids with virtual impedance. , 2014, , .		25
29	Multiagent based distributed control for state-of-charge balance of distributed energy storage in DC microgrids. , 2014, , .		42
30	Power flow analysis for DC voltage droop controlled DC microgrids. , 2014, , .		9
31	Power flow analysis algorithm for islanded LV microgrids including distributed generator units with droop control and virtual impedance loop. , 2014, , .		22
32	Voltage scheduling droop control for State-of-Charge balance of distributed energy storage in DC microgrids. , 2014, , .		13
33	Harmonic magnetomotive force and static-dynamic characteristics of the 6/3-phase dual stator-winding induction generator. , 2009, , .		0