Guannan Lou

List of Publications by Year
in descending order

12 papers	561 citations	933447 10 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	626 citing authors

#	Article	IF	Citations
1	Distributed MPC-Based Secondary Voltage Control Scheme for Autonomous Droop-Controlled Microgrids. IEEE Transactions on Sustainable Energy, 2017, 8, 792-804.	8.8	155
2	A Nonlinear State Estimator-Based Decentralized Secondary Voltage Control Scheme for Autonomous Microgrids. IEEE Transactions on Power Systems, 2017, 32, 4794-4804.	6.5	84
3	Stability Robustness for Secondary Voltage Control in Autonomous Microgrids With Consideration of Communication Delays. IEEE Transactions on Power Systems, 2018, 33, 4164-4178.	6.5	56
4	Distributed Secondary Voltage Control in Islanded Microgrids With Consideration of Communication Network and Time Delays. IEEE Transactions on Smart Grid, 2020, 11, 3702-3715.	9.0	53
5	A Unified Control Scheme Based on a Disturbance Observer for Seamless Transition Operation of Inverter-Interfaced Distributed Generation. IEEE Transactions on Smart Grid, 2018, 9, 5444-5454.	9.0	51
6	Optimal Design for Distributed Secondary Voltage Control in Islanded Microgrids: Communication Topology and Controller. IEEE Transactions on Power Systems, 2019, 34, 968-981.	6.5	50
7	Decentralised secondary voltage and frequency control scheme for islanded microgrid based on adaptive state estimator. IET Generation, Transmission and Distribution, 2017, 11, 3683-3693.	2.5	47
8	Inertia-Enhanced Distributed Voltage and Frequency Control of Low-Inertia Microgrids. IEEE Transactions on Power Systems, 2021, 36, 4270-4280.	6.5	24
9	Learning Automata-Based Methodology for Optimal Allocation of Renewable Distributed Generation Considering Network Reconfiguration. IEEE Access, 2017, 5, 14275-14288.	4.2	23
10	Optimal Communication Network Design of Microgrids Considering Cyber-Attacks and Time-Delays. IEEE Transactions on Smart Grid, 2022, 13, 3774-3785.	9.0	16
11	Distributed Secondary Voltage Control for DC Microgrids with Consideration of Asynchronous Sampling. Processes, 2021, 9, 1992.	2.8	1
12	Transmission Line Decoupling Based Parallel Simulation Method of an Active Distribution Network. , 2021, , .		1