Jun Cao

List of Publications by Year in descending order

11 papers	**731** citations	1040056 **9** h-index	1474206 **9** g-index
11 all docs	**11** docs citations	**11** times ranked	**756** citing authors

#	Article	IF	Citations
1	Primary and secondary control in DC microgrids: a review. Journal of Modern Power Systems and Clean Energy, 2019, 7, 227-242.	5.4	161
2	Deep Reinforcement Learning-Based Energy Storage Arbitrage With Accurate Lithium-Ion Battery Degradation Model. IEEE Transactions on Smart Grid, 2020, 11, 4513-4521.	9.0	148
3	Sizing a Hybrid Energy Storage System for Maintaining Power Balance of an Isolated System With High Penetration of Wind Generation. IEEE Transactions on Power Systems, 2016, 31, 3267-3275.	6.5	110
4	Optimal Sizing and Control Strategies for Hybrid Storage System as Limited by Grid Frequency Deviations. IEEE Transactions on Power Systems, 2018, 33, 5486-5495.	6.5	88
5	Optimal Design and Operation of a Low Carbon Community Based Multi-Energy Systems Considering EV Integration. IEEE Transactions on Sustainable Energy, 2019, 10, 1217-1226.	8.8	63
6	A Method for Sizing Energy Storage System to Increase Wind Penetration as Limited by Grid Frequency Deviations. IEEE Transactions on Power Systems, 2016, 31, 729-737.	6.5	57
7	Dynamic Aggregation of Same Wind Turbine Generators in Parallel Connection for Studying Oscillation Stability of a Wind Farm. IEEE Transactions on Power Systems, 2019, 34, 4694-4705.	6.5	47
8	Multi-agent deep deterministic policy gradient algorithm for peer-to-peer energy trading considering distribution network constraints. Applied Energy, 2022, 317, 119123.	10.1	30
9	Data-driven battery operation for energy arbitrage using rainbow deep reinforcement learning. Energy, 2022, 238, 121958.	8.8	25
10	Enhanced corrective security constrained OPF with hybrid energy storage systems. , 2016, , .		2
11	Optimal Operation of Coastal Source-Load-Storage System with Seawater Desalination based on NSGA-III. , 2020, , .		0