Gaoqi Liang

List of Publications by Year
in descending order

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24 papers	2,551 citations	623699 14 h-index	839512 18 g-index
24 all docs	24 docs citations	24 times ranked	2433 citing authors

#	Article	IF	Citations
1	The 2015 Ukraine Blackout: Implications for False Data Injection Attacks. IEEE Transactions on Power Systems, 2017, 32, 3317-3318.	6.5	783
2	A Review of False Data Injection Attacks Against Modern Power Systems. IEEE Transactions on Smart Grid, 2017, 8, 1630-1638.	9.0	652
3	Distributed Blockchain-Based Data Protection Framework for Modern Power Systems Against Cyber Attacks. IEEE Transactions on Smart Grid, 2019, 10, 3162-3173.	9.0	272
4	A Distributed Electricity Trading System in Active Distribution Networks Based on Multi-Agent Coalition and Blockchain. IEEE Transactions on Power Systems, 2019, 34, 4097-4108.	6.5	217
5	Blockchain: a secure, decentralized, trusted cyber infrastructure solution for future energy systems. Journal of Modern Power Systems and Clean Energy, 2018, 6, 958-967.	5.4	139
6	Cooperative Wind Farm Control With Deep Reinforcement Learning and Knowledge-Assisted Learning. IEEE Transactions on Industrial Informatics, 2020, 16, 6912-6921.	11.3	86
7	A Framework for Cyber-Topology Attacks: Line-Switching and New Attack Scenarios. IEEE Transactions on Smart Grid, 2019, 10, 1704-1712.	9.0	77
8	Generalized FDIA-Based Cyber Topology Attack With Application to the Australian Electricity Market Trading Mechanism. IEEE Transactions on Smart Grid, 2018, 9, 3820-3829.	9.0	68
9	Impact analysis of false data injection attacks on power system static security assessment. Journal of Modern Power Systems and Clean Energy, 2016, 4, 496-505.	5.4	58
10	Multiagent-Based Cooperative Control Framework for Microgridsâ€™ Energy Imbalance. IEEE Transactions on Industrial Informatics, 2017, 13, 1046-1056.	11.3	47
11	Personalized Residential Energy Usage Recommendation System Based on Load Monitoring and Collaborative Filtering. IEEE Transactions on Industrial Informatics, 2021, 17, 1253-1262.	11.3	32
12	Super Resolution Perception for Smart Meter Data. Information Sciences, 2020, 526, 263-273.	6.9	32
13	Super Resolution Perception for Improving Data Completeness in Smart Grid State Estimation. Engineering, 2020, 6, 789-800.	6.7	22
14	An Inertia-Based Data Recovery Scheme for False Data Injection Attack. IEEE Transactions on Industrial Informatics, 2022, 18, 7814-7823.	11.3	21
15	Stochastic residential energy resource scheduling by multi-objective natural aggregation algorithm. , 2017, , .		10
16	False data injection attacks targeting DC model-based state estimation. , 2017, , .		7
17	A Novel High-Performance Deep Learning Framework for Load Recognition: Deep-Shallow Model Based on Fast Backpropagation. IEEE Transactions on Power Systems, 2022, 37, 1718-1729.	6.5	7
18	Assessing the impacts of largeâ€scale offshore wind power in Southern China. Energy Conversion and Economics, 2020, 1, 58-70.	3.2	5

#	Article	IF	Citations
19	A Demand-Side Load Event Detection Algorithm Based on Wide-Deep Neural Networks and Randomized Sparse Backpropagation. Frontiers in Energy Research, 2021, 9, .	2.3	5
20	Composite FDIA and topology attack on the electricity market. , 2017, , .		4
21	False Data Injection- and Propagation-Aware Game Theoretical Approach for Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 3342-3353.	9.0	4
22	Distributed control of air-conditioning loads for voltage regulation in active distribution network. , 2016, , .		3
23	Optimal wind turbine and air conditioner loads control in distribution networks through MILP approach. , 2016, , .		0
24	Customized Pricing Strategy of Residential Consumers in Retailers for Demand Response. , 2021, , .		0