Xinan Wang

List of Publications by Year
in descending order

14 papers	554 citations	840776 11 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	565 citing authors

#	Article	IF	Citations
1	Privacy-Preserving Baseline Load Reconstruction for Residential Demand Response Considering Distributed Energy Resources. IEEE Transactions on Industrial Informatics, 2022, 18, 3541-3550.	11.3	10
2	Vehicle to Grid Frequency Regulation Capacity Optimal Scheduling for Battery Swapping Station Using Deep Q-Network. IEEE Transactions on Industrial Informatics, 2021, 17, 1342-1351.	11.3	46
3	Model-Free Emergency Frequency Control Based on Reinforcement Learning. IEEE Transactions on Industrial Informatics, 2021, 17, 2336-2346.	11.3	72
4	Deep Reinforcement Learning Based Volt-VAR Optimization in Smart Distribution Systems. IEEE Transactions on Smart Grid, 2021, 12, 361-371.	9.0	122
5	Residential Customer Baseline Load Estimation Using Stacked Autoencoder With Pseudo-Load Selection. IEEE Journal on Selected Areas in Communications, 2020, 38, 61-70.	14.0	14
6	Two-Stage WECC Composite Load Modeling: A Double Deep Q-Learning Networks Approach. IEEE Transactions on Smart Grid, 2020, 11, 4331-4344.	9.0	38
7	Economic Assessment for Battery Swapping Station Based Frequency Regulation Service. IEEE Transactions on Industry Applications, 2020, 56, 5880-5889.	4.9	17
8	Evaluating Load Models and Their Impacts on Power Transfer Limits. , 2020, , .		1
9	Deep Learning-Based Time-Varying Parameter Identification for System-Wide Load Modeling. IEEE Transactions on Smart Grid, 2019, 10, 6102-6114.	9.0	69
10	Online Identification and Data Recovery for PMU Data Manipulation Attack. IEEE Transactions on Smart Grid, 2019, 10, 5889-5898.	9.0	55
11	Online Calibration of Phasor Measurement Unit Using Density-Based Spatial Clustering. IEEE Transactions on Power Delivery, 2018, 33, 1081-1090.	4.3	29
12	A Factorial Hidden Markov Model for Energy Disaggregation based on Human Behavior Analysis. , 2018, , .		8
13	Optimal Allocation of Series FACTS Devices Under High Penetration of Wind Power Within a Market Environment. IEEE Transactions on Power Systems, 2018, 33, 6206-6217.	6.5	45
14	An Investigation of Coordinated Attack on Load Frequency Control. IEEE Access, 2018, 6, 30414-30423.	4.2	28