

Zi-Ang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

273
citations

1478505

6
h-index

1720034

7
g-index

15
all docs

15
docs citations

15
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric load forecasting in smart grids using Long-Short-Term-Memory based Recurrent Neural Network. , 2017, , .		78
2	Energy-Storage Modeling: State-of-the-Art and Future Research Directions. IEEE Transactions on Power Systems, 2022, 37, 860-875.	6.5	37
3	Similarity-Based Models for Day-Ahead Solar PV Generation Forecasting. IEEE Access, 2020, 8, 104469-104478.	4.2	35
4	Finite-Time Stabilization of Discrete-Time Switched Nonlinear Systems Without Stable Subsystems via Optimal Switching Signal Design. IEEE Transactions on Fuzzy Systems, 2017, 25, 172-180.	9.8	26
5	A Basin Stability Based Metric for Ranking the Transient Stability of Generators. IEEE Transactions on Industrial Informatics, 2019, 15, 1450-1459.	11.3	22
6	A Foundation for Measuring Community Sustainability. Sustainability, 2019, 11, 1903.	3.2	16
7	Solar forecasting by K-Nearest Neighbors method with weather classification and physical model. , 2016, , .		11
8	Real-time transformer parameter estimation using terminal measurements. , 2015, , .		10
9	Distributed frequency synchronization and phase-difference tracking for Kuramoto oscillators and its application to islanded microgrids. , 2016, , .		10
10	Asymptotic Frequency Synchronization of Kuramoto Model by Step Force. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, , 1-11.	9.3	7
11	A Two-Level Scheduling Algorithm for Battery Systems and Load Tap Changers Coordination in Distribution Networks. IEEE Transactions on Power Delivery, 2022, 37, 3027-3037.	4.3	7
12	Quantifying transient stability of generators by basin stability and Kuramoto-like models. , 2017, , .		6
13	Impact of Inverter-Interfaced Renewable Generation on Transient Stability at Varying Levels of Penetration. , 2018, , .		4
14	Probabilistic-Based Transient Stability Assessment of Power Systems with Virtual Synchronous Machines. , 2019, , .		2
15	A Guided Deep Reinforcement Learning Method For Distribution Voltage Regulation via Battery Systems. , 2021, , .		2