

Jin Tan

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

547
citations

1163117
8
h-index

1281871
11
g-index

27
all docs

27
docs citations

27
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinated Control Strategy of a Battery Energy Storage System to Support a Wind Power Plant Providing Multi-Timescale Frequency Ancillary Services. IEEE Transactions on Sustainable Energy, 2017, 8, 1140-1153.	8.8	188
2	Frequency Response Assessment and Enhancement of the U.S. Power Grids Toward Extra-High Photovoltaic Generation Penetrations—An Industry Perspective. IEEE Transactions on Power Systems, 2018, 33, 3438-3449.	6.5	73
3	A Novel Event Detection Method Using PMU Data With High Precision. IEEE Transactions on Power Systems, 2019, 34, 454-466.	6.5	66
4	Comparative Assessment of Tactics to Improve Primary Frequency Response Without Curtailing Solar Output in High Photovoltaic Interconnection Grids. IEEE Transactions on Sustainable Energy, 2019, 10, 718-728.	8.8	43
5	A Review on Artificial Intelligence for Grid Stability Assessment. , 2020, , .		28
6	Developing of Quaternary Pumped Storage Hydropower for Dynamic Studies. IEEE Transactions on Sustainable Energy, 2020, 11, 2870-2878.	8.8	19
7	Zonal Inertia Constrained Generator Dispatch Considering Load Frequency Relief. IEEE Transactions on Power Systems, 2020, 35, 3065-3077.	6.5	17
8	Developing a Reduced 240-Bus WECC Dynamic Model for Frequency Response Study of High Renewable Integration. , 2020, , .		15
9	Modelling and simulation of ternary pumped storage hydropower for power system studies. IET Generation, Transmission and Distribution, 2019, 13, 4382-4390.	2.5	12
10	Grid-Following Inverters and Synchronous Condensers: A Grid-Forming Pair?. , 2020, , .		12
11	Secondary Frequency Regulation from Variable Generation Through Uncertainty Decomposition: An Economic and Reliability Perspective. IEEE Transactions on Sustainable Energy, 2021, 12, 2019-2030.	8.8	12
12	Region-based Stability Analysis of Resilient Distribution Systems with Hybrid Grid-forming and Grid-following Inverters. , 2020, , .		10
13	Analyzing the impacts of increased wind power on generation Revenue Sufficiency. , 2016, , .		9
14	Machine Learning-Based PV Reserve Determination Strategy for Frequency Control on the WECC System. , 2020, , .		6
15	Adding power of artificial intelligence to situational awareness of large interconnections dominated by inverter-based resources. High Voltage, 2021, 6, 924-937.	4.7	5
16	A Comparison of Machine Learning Methods for Frequency Nadir Estimation in Power Systems. , 2022, , .		5
17	Equivalent Test Bed in PSCAD and PSLF for Studying Advanced Power Systems Controller Performance. , 2019, , .		3
18	Data Quality Analysis and Solutions for Distribution-Level PMUs. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Same Goal, Different Pathways for Energy Transition: A More Holistic, Multisector, Community-Driven Approach. IEEE Power and Energy Magazine, 2022, 20, 18-29.	1.6	3
20	Practical Operations of Energy Storage Providing Ancillary Services: From Day-Ahead to Real-Time. , 2021, , .		2
21	Deep Learning-Based Adaptive Remedial Action Scheme with Security Margin for Renewable-Dominated Power Grids. Energies, 2021, 14, 6563.	3.1	2
22	A Fast and Accurate Transient Stability Assessment Method Based on Deep Learning: WECC Case Study. , 2022, , .		2
23	Power System Network Reduction for Power Hardware-in-the-Loop Simulation. , 2021, , .		1
24	Quantifying Solar PV Variability at Multiple Timescales for Power Systems Studies. , 2020, , .		0