

Cong Feng

List of Publications by Year in descending order

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32
papers

1,114
citations

471509

17
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839539

18
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32
all docs

32
docs citations

32
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Convolutional neural networks for intra-hour solar forecasting based on sky image sequences. Applied Energy, 2022, 310, 118438.	10.1	39
2	Sizing ramping reserve using probabilistic solar forecasts: A data-driven method. Applied Energy, 2022, 313, 118812.	10.1	11
3	A review of behind-the-meter solar forecasting. Renewable and Sustainable Energy Reviews, 2022, 160, 112224.	16.4	21
4	Advanced machine learning applications to modern power systems. , 2021, , 209-257.		1
5	Multi-Timescale Simulation of Non-Spinning Reserve in Wholesale Electricity Markets. , 2021, , .		0
6	A taxonomical review on recent artificial intelligence applications to PV integration into power grids. International Journal of Electrical Power and Energy Systems, 2021, 132, 107176.	5.5	31
7	Reinforced Deterministic and Probabilistic Load Forecasting via \$Q\$-Learning Dynamic Model Selection. IEEE Transactions on Smart Grid, 2020, 11, 1377-1386.	9.0	87
8	Multi-distribution ensemble probabilistic wind power forecasting. Renewable Energy, 2020, 148, 135-149.	8.9	46
9	SolarNet: A Deep Convolutional Neural Network for Solar Forecasting via Sky Images. , 2020, , .		4
10	Probabilistic solar power forecasting based on weather scenario generation. Applied Energy, 2020, 266, 114823.	10.1	64
11	Factoring Behind-the-Meter Solar into Load Forecasting: Case Studies under Extreme Weather. , 2020, , .		10
12	Deep Learning-Based Real-Time Building Occupancy Detection Using AMI Data. IEEE Transactions on Smart Grid, 2020, 11, 4490-4501.	9.0	59
13	SolarNet: A sky image-based deep convolutional neural network for intra-hour solar forecasting. Solar Energy, 2020, 204, 71-78.	6.1	71
14	Assessment of aggregation strategies for machine-learning based short-term load forecasting. Electric Power Systems Research, 2020, 184, 106304.	3.6	18
15	Reinforcement Learning based Dynamic Model Selection for Short-Term Load Forecasting. , 2019, , .		12
16	OpenSolar: Promoting the openness and accessibility of diverse public solar datasets. Solar Energy, 2019, 188, 1369-1379.	6.1	27
17	Conditional aggregated probabilistic wind power forecasting based on spatio-temporal correlation. Applied Energy, 2019, 256, 113842.	10.1	70
18	A two-step short-term probabilistic wind forecasting methodology based on predictive distribution optimization. Applied Energy, 2019, 238, 1497-1505.	10.1	40

#	ARTICLE	IF	CITATIONS
19	Aggregated Probabilistic Wind Power Forecasting Based on Spatio-Temporal Correlation. , 2019, , .		3
20	Characterizing forecastability of wind sites in the United States. Renewable Energy, 2019, 133, 1352-1365.	8.9	18
21	Unsupervised Clustering-Based Short-Term Solar Forecasting. IEEE Transactions on Sustainable Energy, 2019, 10, 2174-2185.	8.8	69
22	Statistical Representation of Wind Power Ramps Using a Generalized Gaussian Mixture Model. IEEE Transactions on Sustainable Energy, 2018, 9, 261-272.	8.8	45
23	Hourly-Similarity Based Solar Forecasting Using Multi-Model Machine Learning Blending. , 2018, , .		23
24	Short-Term Load Forecasting With Different Aggregation Strategies. , 2018, , .		1
25	Wind Power and Ramp Forecasting for Grid Integration. , 2018, , 299-315.		3
26	Probabilistic Short-term Wind Forecasting Based on Pinball Loss Optimization. , 2018, , .		5
27	A data-driven multi-model methodology with deep feature selection for short-term wind forecasting. Applied Energy, 2017, 190, 1245-1257.	10.1	253
28	Characterizing and analyzing ramping events in wind power, solar power, load, and netload. Renewable Energy, 2017, 111, 227-244.	8.9	61
29	Characterizing Time Series Data Diversity for Wind Forecasting. , 2017, , .		7
30	Short-term global horizontal irradiance forecasting based on sky imaging and pattern recognition. , 2017, , .		12
31	A truncated Gaussian mixture model for distributions of wind power ramping features. , 2017, , .		3
32	A Design Method of Rain Test Device Based on Water Drop Motion Simulation. Advanced Materials Research, 0, 871, 363-368.	0.3	0