

Shuang Han

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

666
citations

840776

11
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Power Generation Performance Indicators of Wind Farms Including the Influence of Wind Energy Resource Differences. <i>Energies</i> , 2022, 15, 1797.	3.1	2
2	Effects of the Parameter $C_4\hat{\mu}$ in the Extended $k\text{-}\hat{\mu}$ Turbulence Model for Wind Farm Wake Simulation Using an Actuator Disc. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 544.	2.6	1
3	Study on the wind-farm wake under neutral atmospheric condition. <i>International Journal of Green Energy</i> , 2021, 18, 998-1006.	3.8	2
4	Uncertain accessibility estimation method for offshore wind farm based on multi-step probabilistic wave forecasting. <i>IET Renewable Power Generation</i> , 2021, 15, 2944-2955.	3.1	7
5	Quantitative Evaluation Methods of Cluster Wind Power Output Volatility and Source-Load Timing Matching in Regional Power Grid. <i>Energies</i> , 2021, 14, 5214.	3.1	5
6	Multi-Source and Temporal Attention Network for Probabilistic Wind Power Prediction. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 2205-2218.	8.8	49
7	Evaluation Method of Wind Speed Time-Shifting Characteristics at Multiple Scales and Its Application in Wind Power System. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-17.	1.1	0
8	Improved Deep Mixture Density Network for Regional Wind Power Probabilistic Forecasting. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 2549-2560.	6.5	88
9	A data sample division method for wind power prediction based on China's 24 solar terms. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12342.	1.9	5
10	Reviews on characteristic of renewables: Evaluating the variability and complementarity. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12281.	1.9	27
11	Numerical simulation of wind turbine wake based on extended $k\text{-}\epsilon$ turbulence model coupling with actuator disc considering nacelle and tower. <i>IET Renewable Power Generation</i> , 2020, 14, 3834-3842.	3.1	13
12	Multiple Wind Turbine Wakes Modeling Considering the Faster Wake Recovery in Overlapped Wakes. <i>Energies</i> , 2019, 12, 680.	3.1	27
13	Quantitative evaluation method for the complementarity of wind-solar-hydro power and optimization of wind-solar ratio. <i>Applied Energy</i> , 2019, 236, 973-984.	10.1	85
14	Forecasting the High Penetration of Wind Power on Multiple Scales Using Multi-to-Multi Mapping. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 3276-3284.	6.5	126
15	Short-Term Wind Power Forecasting Based on Clustering Pre-Calculated CFD Method. <i>Energies</i> , 2018, 11, 854.	3.1	26
16	A Hybrid Forecasting Method for Wind Power Ramp Based on Orthogonal Test and Support Vector Machine (OT-SVM). <i>IEEE Transactions on Sustainable Energy</i> , 2017, 8, 451-457.	8.8	74
17	Research on variable pitch control strategy of wind turbine for tower vibration reduction. <i>Journal of Engineering</i> , 2017, 2017, 2005-2008.	1.1	6
18	An optimized short-term wind power interval prediction method considering NWP accuracy. <i>Science Bulletin</i> , 2014, 59, 1167-1175.	1.7	11

#	ARTICLE	IF	CITATIONS
19	A physical approach of the short-term wind power prediction based on CFD pre-calculated flow fields. Journal of Hydrodynamics, 2013, 25, 56-61.	3.2	50
20	Neural Network Ensemble Method Study for Wind Power Prediction. , 2011, , .		14
21	The Study of Wind Power Combination Prediction. , 2010, , .		4
22	The research and application of wavelet-support vector machine on short-term wind power prediction. , 2010, , .		4
23	Genetic algorithm-piecewise support vector machine model for short term wind power prediction. , 2010, , .		5
24	Piecewise Support Vector Machine Model for Short-Term Wind-power Prediction. International Journal of Green Energy, 2009, 6, 479-489.	3.8	33
25	A novel two-dimensional entrainment wake model for wind turbine wakes. International Journal of Green Energy, 0, , 1-14.	3.8	1
26	A novel entrainment wind farm flow model for power prediction. International Journal of Green Energy, 0, , 1-16.	3.8	1