

# Shuang Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8989395/publications.pdf>

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	Forecasting the High Penetration of Wind Power on Multiple Scales Using Multi-to-Multi Mapping. IEEE Transactions on Power Systems, 2018, 33, 3276-3284.	6.5	126
2	Improved Deep Mixture Density Network for Regional Wind Power Probabilistic Forecasting. IEEE Transactions on Power Systems, 2020, 35, 2549-2560.	6.5	88
3	Quantitative evaluation method for the complementarity of wind-solar-hydro power and optimization of wind-solar ratio. Applied Energy, 2019, 236, 973-984.	10.1	85
4	A Hybrid Forecasting Method for Wind Power Ramp Based on Orthogonal Test and Support Vector Machine (OT-SVM). IEEE Transactions on Sustainable Energy, 2017, 8, 451-457.	8.8	74
5	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
6	Multi-Source and Temporal Attention Network for Probabilistic Wind Power Prediction. IEEE Transactions on Sustainable Energy, 2021, 12, 2205-2218.	8.8	49
7	Piecewise Support Vector Machine Model for Short-Term Wind-power Prediction. International Journal of Green Energy, 2009, 6, 479-489.	3.8	33
8	Multiple Wind Turbine Wakes Modeling Considering the Faster Wake Recovery in Overlapped Wakes. Energies, 2019, 12, 680.	3.1	27
9	Reviews on characteristic of renewables: Evaluating the variability and complementarity. International Transactions on Electrical Energy Systems, 2020, 30, e12281.	1.9	27
10	Short-Term Wind Power Forecasting Based on Clustering Pre-Calculated CFD Method. Energies, 2018, 11, 854.	3.1	26
11	Neural Network Ensemble Method Study for Wind Power Prediction. , 2011, , .		14
12	Numerical simulation of wind turbine wake based on extended $k\text{-}\epsilon$ turbulence model coupling with actuator disc considering nacelle and tower. IET Renewable Power Generation, 2020, 14, 3834-3842.	3.1	13
13	An optimized short-term wind power interval prediction method considering NWP accuracy. Science Bulletin, 2014, 59, 1167-1175.	1.7	11
14	Uncertain accessibility estimation method for offshore wind farm based on multi-step probabilistic wave forecasting. IET Renewable Power Generation, 2021, 15, 2944-2955.	3.1	7
15	Research on variable pitch control strategy of wind turbine for tower vibration reduction. Journal of Engineering, 2017, 2017, 2005-2008.	1.1	6
16	Genetic algorithm-piecewise support vector machine model for short term wind power prediction. , 2010, , .		5
17	A data sample division method for wind power prediction based on China's 24 solar terms. International Transactions on Electrical Energy Systems, 2020, 30, e12342.	1.9	5
18	Quantitative Evaluation Methods of Cluster Wind Power Output Volatility and Source-Load Timing Matching in Regional Power Grid. Energies, 2021, 14, 5214.	3.1	5

#	ARTICLE	IF	CITATIONS
19	The Study of Wind Power Combination Prediction. , 2010, , .		4
20	The research and application of wavelet-support vector machine on short-term wind power prediction. , 2010, , .		4
21	Study on the wind-farm wake under neutral atmospheric condition. International Journal of Green Energy, 2021, 18, 998-1006.	3.8	2
22	Power Generation Performance Indicators of Wind Farms Including the Influence of Wind Energy Resource Differences. Energies, 2022, 15, 1797.	3.1	2
23	A novel two-dimensional entrainment wake model for wind turbine wakes. International Journal of Green Energy, 0, , 1-14.	3.8	1
24	A novel entrainment wind farm flow model for power prediction. International Journal of Green Energy, 0, , 1-16.	3.8	1
25	Effects of the Parameter $C_4\hat{\mu}$ in the Extended $k\hat{\mu}$ Turbulence Model for Wind Farm Wake Simulation Using an Actuator Disc. Journal of Marine Science and Engineering, 2022, 10, 544.	2.6	1
26	Evaluation Method of Wind Speed Time-Shifting Characteristics at Multiple Scales and Its Application in Wind Power System. Mathematical Problems in Engineering, 2020, 2020, 1-17.	1.1	0