

# Tian Peng

## List of Publications by Year in descending order

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28  
papers

1,232  
citations

535685

17  
h-index

563245

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

807  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel hybrid approach based on variational heteroscedastic Gaussian process regression for multi-step ahead wind speed forecasting. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 136, 107717.	3.3	37
2	Integrated framework of extreme learning machine (ELM) based on improved atom search optimization for short-term wind speed prediction. <i>Energy Conversion and Management</i> , 2022, 252, 115102.	4.4	74
3	Hybrid short-term runoff prediction model based on optimal variational mode decomposition, improved Harris hawks algorithm and long short-term memory network. <i>Environmental Research Communications</i> , 2022, 4, 045001.	0.9	8
4	An evolutionary deep learning model based on TVFEMD, improved sine cosine algorithm, CNN and BiLSTM for wind speed prediction. <i>Energy</i> , 2022, 254, 124250.	4.5	52
5	Multi-Variables-Driven Model Based on Random Forest and Gaussian Process Regression for Monthly Streamflow Forecasting. <i>Water (Switzerland)</i> , 2022, 14, 1828.	1.2	7
6	Development and application of an evolutionary deep learning framework of LSTM based on improved grasshopper optimization algorithm for short-term load forecasting. <i>Journal of Building Engineering</i> , 2022, 57, 104975.	1.6	25
7	Multi-step ahead wind speed forecasting approach coupling maximal overlap discrete wavelet transform, improved grey wolf optimization algorithm and long short-term memory. <i>Renewable Energy</i> , 2022, 196, 1115-1126.	4.3	31
8	An evolutionary robust solar radiation prediction model based on WT-CEEMDAN and IASO-optimized outlier robust extreme learning machine. <i>Applied Energy</i> , 2022, 322, 119518.	5.1	35
9	An integrated framework of gated recurrent unit based on improved sine cosine algorithm for photovoltaic power forecasting. <i>Energy</i> , 2022, 256, 124650.	4.5	20
10	Parameter identification and uncertainty quantification of a nonlinear pump-turbine governing system based on the differential evolution adaptive Metropolis algorithm. <i>IET Renewable Power Generation</i> , 2021, 15, 342-353.	1.7	7
11	An integrated framework of Bi-directional long-short term memory (BiLSTM) based on sine cosine algorithm for hourly solar radiation forecasting. <i>Energy</i> , 2021, 221, 119887.	4.5	164
12	System Design and Optimisation Study on a Novel CCHP System Integrated with a Hybrid Energy Storage System and an ORC. <i>Complexity</i> , 2020, 2020, 1-14.	0.9	11
13	A Composite Uncertainty Forecasting Model for Unstable Time Series: Application of Wind Speed and Streamflow Forecasting. <i>IEEE Access</i> , 2020, 8, 209251-209266.	2.6	15
14	Negative correlation learning-based RELM ensemble model integrated with OVMD for multi-step ahead wind speed forecasting. <i>Renewable Energy</i> , 2020, 156, 804-819.	4.3	57
15	Robust T-S Fuzzy Model Identification Approach Based on FCRM Algorithm and L1-Norm Loss Function. <i>IEEE Access</i> , 2020, 8, 33792-33805.	2.6	8
16	Intra- and Inter-Annual Variability of Hydrometeorological Variables in the Jinsha River Basin, Southwest China. <i>Sustainability</i> , 2019, 11, 5142.	1.6	2
17	An Improved Autoencoder and Partial Least Squares Regression-Based Extreme Learning Machine Model for Pump Turbine Characteristics. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3987.	1.3	9
18	Multiobjective Optimization of a Fractional-Order PID Controller for Pumped Turbine Governing System Using an Improved NSGA-III Algorithm under Multiworking Conditions. <i>Complexity</i> , 2019, 2019, 1-18.	0.9	21

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19	Multi-Objective Optimization for Flood Interval Prediction Based on Orthogonal Chaotic NSGA-II and Kernel Extreme Learning Machine. <i>Water Resources Management</i> , 2019, 33, 4731-4748.	1.9	7
20	Modeling and Synchronous Optimization of Pump Turbine Governing System Using Sparse Robust Least Squares Support Vector Machine and Hybrid Backtracking Search Algorithm. <i>Energies</i> , 2018, 11, 3108.	1.6	12
21	An adaptive dynamic short-term wind speed forecasting model using secondary decomposition and an improved regularized extreme learning machine. <i>Energy</i> , 2018, 165, 939-957.	4.5	68
22	A Novel Decomposition-Optimization Model for Short-Term Wind Speed Forecasting. <i>Energies</i> , 2018, 11, 1752.	1.6	29
23	Parameter Identification of Pump Turbine Governing System Using an Improved Backtracking Search Algorithm. <i>Energies</i> , 2018, 11, 1668.	1.6	8
24	Data Pre-Analysis and Ensemble of Various Artificial Neural Networks for Monthly Streamflow Forecasting. <i>Water (Switzerland)</i> , 2018, 10, 628.	1.2	66
25	Modeling and Combined Application of Orthogonal Chaotic NSGA-II and Improved TOPSIS to Optimize a Conceptual Hydrological Model. <i>Water Resources Management</i> , 2018, 32, 3781-3799.	1.9	20
26	A compound structure of ELM based on feature selection and parameter optimization using hybrid backtracking search algorithm for wind speed forecasting. <i>Energy Conversion and Management</i> , 2017, 143, 360-376.	4.4	222
27	Multi-step ahead wind speed forecasting using a hybrid model based on two-stage decomposition technique and AdaBoost-extreme learning machine. <i>Energy Conversion and Management</i> , 2017, 153, 589-602.	4.4	130
28	Streamflow Forecasting Using Empirical Wavelet Transform and Artificial Neural Networks. <i>Water (Switzerland)</i> , 2017, 9, 406.	1.2	87