Tian Peng

List of Publications by Year
in descending order

28	1,232	471477	501174
papers	citations	17	28
		h-index	g-index

28	28	28	725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A compound structure of ELM based on feature selection and parameter optimization using hybrid backtracking search algorithm for wind speed forecasting. Energy Conversion and Management, 2017, 143, 360-376.	9.2	222
2	An integrated framework of Bi-directional long-short term memory (BiLSTM) based on sine cosine algorithm for hourly solar radiation forecasting. Energy, 2021, 221, 119887.	8.8	164
3	Multi-step ahead wind speed forecasting using a hybrid model based on two-stage decomposition technique and AdaBoost-extreme learning machine. Energy Conversion and Management, 2017, 153, 589-602.	9.2	130
4	Streamflow Forecasting Using Empirical Wavelet Transform and Artificial Neural Networks. Water (Switzerland), 2017, 9, 406.	2.7	87
5	Integrated framework of extreme learning machine (ELM) based on improved atom search optimization for short-term wind speed prediction. Energy Conversion and Management, 2022, 252, 115102.	9.2	74
6	An adaptive dynamic short-term wind speed forecasting model using secondary decomposition and an improved regularized extreme learning machine. Energy, 2018, 165, 939-957.	8.8	68
7	Data Pre-Analysis and Ensemble of Various Artificial Neural Networks for Monthly Streamflow Forecasting. Water (Switzerland), 2018, 10, 628.	2.7	66
8	Negative correlation learning-based RELM ensemble model integrated with OVMD for multi-step ahead wind speed forecasting. Renewable Energy, 2020, 156, 804-819.	8.9	57
9	An evolutionary deep learning model based on TVFEMD, improved sine cosine algorithm, CNN and BiLSTM for wind speed prediction. Energy, 2022, 254, 124250.	8.8	52
10	A novel hybrid approach based on variational heteroscedastic Gaussian process regression for multi-step ahead wind speed forecasting. International Journal of Electrical Power and Energy Systems, 2022, 136, 107717.	5.5	37
11	An evolutionary robust solar radiation prediction model based on WT-CEEMDAN and IASO-optimized outlier robust extreme learning machine. Applied Energy, 2022, 322, 119518.	10.1	35
12	Multi-step ahead wind speed forecasting approach coupling maximal overlap discrete wavelet transform, improved grey wolf optimization algorithm and long short-term memory. Renewable Energy, 2022, 196, 1115-1126.	8.9	31
13	A Novel Decomposition-Optimization Model for Short-Term Wind Speed Forecasting. Energies, 2018, 11, 1752.	3.1	29
14	Development and application of an evolutionary deep learning framework of LSTM based on improved grasshopper optimization algorithm for short-term load forecasting. Journal of Building Engineering, 2022, 57, 104975.	3.4	25
15	Multiobjective Optimization of a Fractional-Order PID Controller for Pumped Turbine Governing System Using an Improved NSGA-III Algorithm under Multiworking Conditions. Complexity, 2019, 2019, 1-18.	1.6	21
16	Modeling and Combined Application of Orthogonal Chaotic NSGA-II and Improved TOPSIS to Optimize a Conceptual Hydrological Model. Water Resources Management, 2018, 32, 3781-3799.	3.9	20
17	An integrated framework of gated recurrent unit based on improved sine cosine algorithm for photovoltaic power forecasting. Energy, 2022, 256, 124650.	8.8	20
18	A Composite Uncertainty Forecasting Model for Unstable Time Series: Application of Wind Speed and Streamflow Forecasting. IEEE Access, 2020, 8, 209251-209266.	4.2	15

#	ARTICLE	IF	CITATIONS
19	Modeling and Synchronous Optimization of Pump Turbine Governing System Using Sparse Robust Least Squares Support Vector Machine and Hybrid Backtracking Search Algorithm. Energies, 2018, 11, 3108.	3.1	12
20	System Design and Optimisation Study on a Novel CCHP System Integrated with a Hybrid Energy Storage System and an ORC. Complexity, 2020, 2020, 1-14.	1.6	11
21	An Improved Autoencoder and Partial Least Squares Regression-Based Extreme Learning Machine Model for Pump Turbine Characteristics. Applied Sciences (Switzerland), 2019, 9, 3987.	2.5	9
22	Parameter Identification of Pump Turbine Governing System Using an Improved Backtracking Search Algorithm. Energies, 2018, 11, 1668.	3.1	8
23	Robust T-S Fuzzy Model Identification Approach Based on FCRM Algorithm and L1-Norm Loss Function. IEEE Access, 2020, 8, 33792-33805.	4.2	8
24	Hybrid short-term runoff prediction model based on optimal variational mode decomposition, improved Harris hawks algorithm and long short-term memory network. Environmental Research Communications, 2022, 4, 045001.	2.3	8
25	Multi-Objective Optimization for Flood Interval Prediction Based on Orthogonal Chaotic NSGA-II and Kernel Extreme Learning Machine. Water Resources Management, 2019, 33, 4731-4748.	3.9	7
26	Parameter identification and uncertainty quantification of a nonâ€linear pumpâ€turbine governing system based on the differential evolution adaptive Metropolis algorithm. IET Renewable Power Generation, 2021, 15, 342-353.	3.1	7
27	Multi-Variables-Driven Model Based on Random Forest and Gaussian Process Regression for Monthly Streamflow Forecasting. Water (Switzerland), 2022, 14, 1828.	2.7	7
28	Intra- and Inter-Annual Variability of Hydrometeorological Variables in the Jinsha River Basin, Southwest China. Sustainability, 2019, 11, 5142.	3.2	2