

Wendong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,574
citations

257450
24
h-index

454955
30
g-index

30
all docs

30
docs citations

30
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel hybrid system based on a new proposed algorithm“Multi-Objective Whale Optimization Algorithm for wind speed forecasting. Applied Energy, 2017, 208, 344-360.	10.1	244
2	A novel hybrid model for short-term wind power forecasting. Applied Soft Computing Journal, 2019, 80, 93-106.	7.2	197
3	A novel hybrid forecasting system of wind speed based on a newly developed multi-objective sine cosine algorithm. Energy Conversion and Management, 2018, 163, 134-150.	9.2	179
4	Air quality early-warning system for cities in China. Atmospheric Environment, 2017, 148, 239-257.	4.1	153
5	Research and application of a novel hybrid forecasting system based on multi-objective optimization for wind speed forecasting. Energy Conversion and Management, 2017, 150, 90-107.	9.2	147
6	A novel hybrid system based on multi-objective optimization for wind speed forecasting. Renewable Energy, 2020, 146, 149-165.	8.9	143
7	Research and application of a hybrid forecasting framework based on multi-objective optimization for electrical power system. Energy, 2018, 148, 59-78.	8.8	139
8	An improved grey model optimized by multi-objective ant lion optimization algorithm for annual electricity consumption forecasting. Applied Soft Computing Journal, 2018, 72, 321-337.	7.2	133
9	Multi-step ahead forecasting in electrical power system using a hybrid forecasting system. Renewable Energy, 2018, 122, 533-550.	8.9	125
10	A hybrid forecasting system based on a dual decomposition strategy and multi-objective optimization for electricity price forecasting. Applied Energy, 2019, 235, 1205-1225.	10.1	125
11	Hybrid wind energy forecasting and analysis system based on divide and conquer scheme: A case study in China. Journal of Cleaner Production, 2019, 222, 942-959.	9.3	111
12	A novel hybrid model based on multi-objective Harris hawks optimization algorithm for daily PM2.5 and PM10 forecasting. Applied Soft Computing Journal, 2020, 96, 106620.	7.2	104
13	An innovative hybrid model based on outlier detection and correction algorithm and heuristic intelligent optimization algorithm for daily air quality index forecasting. Journal of Environmental Management, 2020, 255, 109855.	7.8	85
14	Developing a deep learning framework with two-stage feature selection for multivariate financial time series forecasting. Expert Systems With Applications, 2020, 148, 113237.	7.6	83
15	An analysis-forecast system for uncertainty modeling of wind speed: A case study of large-scale wind farms. Applied Energy, 2018, 211, 492-512.	10.1	76
16	A Novel Framework of Reservoir Computing for Deterministic and Probabilistic Wind Power Forecasting. IEEE Transactions on Sustainable Energy, 2020, 11, 337-349.	8.8	74
17	A novel system for multi-step electricity price forecasting for electricity market management. Applied Soft Computing Journal, 2020, 88, 106029.	7.2	67
18	A novel machine learning-based electricity price forecasting model based on optimal model selection strategy. Energy, 2022, 238, 121989.	8.8	66

#	ARTICLE	IF	CITATIONS
19	A novel non-linear combination system for short-term wind speed forecast. Renewable Energy, 2019, 143, 1172-1192.	8.9	51
20	Container throughput forecasting using a novel hybrid learning method with error correction strategy. Knowledge-Based Systems, 2019, 182, 104853.	7.1	48
21	Outlier-robust hybrid electricity price forecasting model for electricity market management. Journal of Cleaner Production, 2020, 249, 119318.	9.3	45
22	Research and Application of a Novel Hybrid Model Based on Data Selection and Artificial Intelligence Algorithm for Short Term Load Forecasting. Entropy, 2017, 19, 52.	2.2	42
23	A novel ensemble model based on artificial intelligence and mixed-frequency techniques for wind speed forecasting. Energy Conversion and Management, 2022, 252, 115086.	9.2	35
24	Ensemble probabilistic prediction approach for modeling uncertainty in crude oil price. Applied Soft Computing Journal, 2020, 95, 106509.	7.2	31
25	Point and interval forecasting for metal prices based on variational mode decomposition and an optimized outlier-robust extreme learning machine. Resources Policy, 2020, 69, 101881.	9.6	25
26	A novel hybrid fine particulate matter (PM _{2.5}) forecasting and its further application system: Case studies in China. Journal of Forecasting, 2022, 41, 64-85.	2.8	15
27	A Learning System Integrating Temporal Convolution and Deep Learning for Predictive Modeling of Crude Oil Price. IEEE Transactions on Industrial Informatics, 2021, 17, 4602-4612.	11.3	14
28	A Novel Framework for Forecasting, Evaluation and Early-Warning for the Influence of PM10 on Public Health. Atmosphere, 2021, 12, 1020.	2.3	7
29	PM2.5 prediction and related health effects and economic cost assessments in 2020 and 2021: Case studies in Jing-Jin-Ji, China. Knowledge-Based Systems, 2021, 233, 107487.	7.1	7
30	An Innovative Hybrid Model Based on Data Pre-Processing and Modified Optimization Algorithm and Its Application in Wind Speed Forecasting. Energies, 2017, 10, 954.	3.1	3