

# Jianzhou Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

159  
papers

9,525  
citations

30070

54  
h-index

42399

92  
g-index

159  
all docs

159  
docs citations

159  
times ranked

5161  
citing authors

#	ARTICLE	IF	CITATIONS
1	A newly combination model based on data denoising strategy and advanced optimization algorithm for short-term wind speed prediction. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 8271-8290.	4.9	22
2	Wind Power Curve Modeling With Hybrid Copula and Grey Wolf Optimization. <i>IEEE Transactions on Sustainable Energy</i> , 2022, 13, 265-276.	8.8	26
3	A novel hybrid fine particulate matter (PM <sub>2.5</sub> ) forecasting and its further application system: Case studies in China. <i>Journal of Forecasting</i> , 2022, 41, 64-85.	2.8	15
4	Carbon price forecasting system based on error correction and divide-conquer strategies. <i>Applied Soft Computing Journal</i> , 2022, 118, 107935.	7.2	58
5	Interval forecasting system for electricity load based on data pre-processing strategy and multi-objective optimization algorithm. <i>Applied Energy</i> , 2022, 305, 117911.	10.1	34
6	Ensemble system for short term carbon dioxide emissions forecasting based on multi-objective tangent search algorithm. <i>Journal of Environmental Management</i> , 2022, 302, 113951.	7.8	57
7	Air quality deterministic and probabilistic forecasting system based on hesitant fuzzy sets and nonlinear robust outlier correction. <i>Knowledge-Based Systems</i> , 2022, 237, 107789.	7.1	7
8	Design of a combined system based on multi-objective optimization for point and interval forecasting of air pollution. <i>Expert Systems With Applications</i> , 2022, 191, 116345.	7.6	11
9	Advanced traffic congestion early warning system based on traffic flow forecasting and extenics evaluation. <i>Applied Soft Computing Journal</i> , 2022, 118, 108544.	7.2	16
10	Short-term wind power prediction optimized by multi-objective dragonfly algorithm based on variational mode decomposition. <i>Chaos, Solitons and Fractals</i> , 2022, 157, 111982.	5.1	29
11	Hour-ahead photovoltaic generation forecasting method based on machine learning and multi objective optimization algorithm. <i>Applied Energy</i> , 2022, 312, 118725.	10.1	45
12	An integrated power load point-interval forecasting system based on information entropy and multi-objective optimization. <i>Applied Energy</i> , 2022, 314, 118938.	10.1	25
13	A novel ensemble probabilistic forecasting system for uncertainty in wind speed. <i>Applied Energy</i> , 2022, 313, 118796.	10.1	43
14	Novel hybrid extreme learning machine and multi-objective optimization algorithm for air pollution prediction. <i>Applied Mathematical Modelling</i> , 2022, 106, 177-198.	4.2	14
15	Novel deterministic and probabilistic combined system based on deep learning and self-improved optimization algorithm for wind speed forecasting. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102186.	2.7	10
16	The influence of international oil prices on the exchange rates of oil exporting countries: Based on the hybrid copula function. <i>Resources Policy</i> , 2022, 77, 102734.	9.6	20
17	Research of a novel short-term wind forecasting system based on multi-objective Aquila optimizer for point and interval forecast. <i>Energy Conversion and Management</i> , 2022, 263, 115583.	9.2	19
18	Ensemble wind speed prediction system based on envelope decomposition method and fuzzy inference evaluation of predictability. <i>Applied Soft Computing Journal</i> , 2022, 124, 109010.	7.2	8

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19	Deterministic and uncertainty crude oil price forecasting based on outlier detection and modified multi-objective optimization algorithm. Resources Policy, 2022, 77, 102780.	9.6	25
20	Electric load prediction based on a novel combined interval forecasting system. Applied Energy, 2022, 322, 119420.	10.1	16
21	Short-term photovoltaic power forecasting based on signal decomposition and machine learning optimization. Energy Conversion and Management, 2022, 267, 115944.	9.2	29
22	Design of a combined wind speed forecasting system based on decomposition-ensemble and multi-objective optimization approach. Applied Mathematical Modelling, 2021, 89, 49-72.	4.2	63
23	A hesitant fuzzy wind speed forecasting system with novel defuzzification method and multi-objective optimization algorithm. Expert Systems With Applications, 2021, 168, 114364.	7.6	30
24	A combined forecasting system based on statistical method, artificial neural networks, and deep learning methods for short-term wind speed forecasting. Energy, 2021, 217, 119361.	8.8	125
25	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
26	Quarterly PM2.5 prediction using a novel seasonal grey model and its further application in health effects and economic loss assessment: evidences from Shanghai and Tianjin, China. Natural Hazards, 2021, 107, 889-909.	3.4	10
27	Intelligent multivariable air-quality forecasting system based on feature selection and modified evolving interval type-2 quantum fuzzy neural network. Environmental Pollution, 2021, 274, 116429.	7.5	29
28	A novel assessment and forecasting system for traffic accident economic loss caused by air pollution. Environmental Science and Pollution Research, 2021, 28, 49042-49062.	5.3	2
29	Two novel hybrid linear and nonlinear models for wind speed forecasting. Energy Conversion and Management, 2021, 238, 114162.	9.2	45
30	Wind speed forecasting system based on gated recurrent units and convolutional spiking neural networks. Applied Energy, 2021, 292, 116842.	10.1	55
31	A Novel Framework for Forecasting, Evaluation and Early-Warning for the Influence of PM10 on Public Health. Atmosphere, 2021, 12, 1020.	2.3	7
32	Design of a combined system based on two-stage data preprocessing and multi-objective optimization for wind speed prediction. Energy, 2021, 231, 121125.	8.8	38
33	Impacts of haze pollution on China's tourism industry: A system of economic loss analysis. Journal of Environmental Management, 2021, 295, 113051.	7.8	60
34	Point and interval prediction for non-ferrous metals based on a hybrid prediction framework. Resources Policy, 2021, 73, 102222.	9.6	32
35	Decomposition-selection-ensemble forecasting system for energy futures price forecasting based on multi-objective version of chaos game optimization algorithm. Resources Policy, 2021, 73, 102234.	9.6	55
36	Wind speed prediction system based on data pre-processing strategy and multi-objective dragonfly optimization algorithm. Sustainable Energy Technologies and Assessments, 2021, 47, 101346.	2.7	9

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37	A novel combined model for wind speed prediction “Combination of linear model, shallow neural networks, and deep learning approaches. Energy, 2021, 234, 121275.	8.8	72
38	Ultra-short-term wind-speed bi-forecasting system via artificial intelligence and a double-forecasting scheme. Applied Energy, 2021, 301, 117452.	10.1	40
39	Wind speed interval prediction model based on variational mode decomposition and multi-objective optimization. Applied Soft Computing Journal, 2021, 113, 107848.	7.2	21
40	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
41	An advanced weighted system based on swarm intelligence optimization for wind speed prediction. Applied Mathematical Modelling, 2021, 100, 780-804.	4.2	16
42	Wind speed deterministic forecasting and probabilistic interval forecasting approach based on deep learning, modified tunicate swarm algorithm, and quantile regression. Renewable Energy, 2021, 179, 1246-1261.	8.9	40
43	Research of a combined wind speed model based on multi-objective ant lion optimization algorithm. International Transactions on Electrical Energy Systems, 2021, 31, e13189.	1.9	3
44	A combined forecasting strategy for the improvement of operational efficiency in wind farm. Journal of Renewable and Sustainable Energy, 2021, 13, .	2.0	6
45	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
46	A novel hybrid system based on multi-objective optimization for wind speed forecasting. Renewable Energy, 2020, 146, 149-165.	8.9	143
47	A novel system for multi-step electricity price forecasting for electricity market management. Applied Soft Computing Journal, 2020, 88, 106029.	7.2	67
48	A combined forecasting model for time series: Application to short-term wind speed forecasting. Applied Energy, 2020, 259, 114137.	10.1	195
49	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
50	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
51	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
52	Analysis of the influence of international benchmark oil price on China’s real exchange rate forecasting. Engineering Applications of Artificial Intelligence, 2020, 94, 103783.	8.1	39
53	Hybrid system based on a multi-objective optimization and kernel approximation for multi-scale wind speed forecasting. Applied Energy, 2020, 277, 115561.	10.1	64
54	A Hybrid System Based on LSTM for Short-Term Power Load Forecasting. Energies, 2020, 13, 6241.	3.1	37

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55	A novel dynamic ensemble air quality index forecasting system. Atmospheric Pollution Research, 2020, 11, 1258-1270.	3.8	16
56	A novel hybrid air quality early-warning system based on phase-space reconstruction and multi-objective optimization: A case study in China. Journal of Cleaner Production, 2020, 260, 121027.	9.3	47
57	A combined framework based on data preprocessing, neural networks and multi-tracker optimizer for wind speed prediction. Sustainable Energy Technologies and Assessments, 2020, 40, 100757.	2.7	27
58	Research on a Novel Combination System on the Basis of Deep Learning and Swarm Intelligence Optimization Algorithm for Wind Speed Forecasting. IEEE Access, 2020, 8, 51482-51499.	4.2	27
59	Ensemble probabilistic prediction approach for modeling uncertainty in crude oil price. Applied Soft Computing Journal, 2020, 95, 106509.	7.2	31
60	A Combined Strategy for Wind Speed Forecasting Using Data Preprocessing and Weight Coefficients Optimization Calculation. IEEE Access, 2020, 8, 33039-33059.	4.2	12
61	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
62	Electric Load Forecasting Use a Novelty Hybrid Model on the Basic of Data Preprocessing Technique and Multi-Objective Optimization Algorithm. IEEE Access, 2020, 8, 13858-13874.	4.2	26
63	Integrated Forecasting Method for Wind Energy Management: A Case Study in China. Processes, 2020, 8, 35.	2.8	14
64	Research and Application of a Novel Hybrid Model Based on a Deep Neural Network for Electricity Load Forecasting: A Case Study in Australia. Energies, 2019, 12, 2467.	3.1	18
65	Container throughput forecasting using a novel hybrid learning method with error correction strategy. Knowledge-Based Systems, 2019, 182, 104853.	7.1	48
66	Research and Application of a Novel Hybrid Model Based on a Deep Neural Network Combined with Fuzzy Time Series for Energy Forecasting. Energies, 2019, 12, 3588.	3.1	20
67	A Novel System for Wind Speed Forecasting Based on Multi-Objective Optimization and Echo State Network. Sustainability, 2019, 11, 526.	3.2	29
68	Research and Application of a Novel Combined Model Based on Multiobjective Optimization for Multistep-Ahead Electric Load Forecasting. Energies, 2019, 12, 1931.	3.1	11
69	Research on Combined Model Based on Multi-Objective Optimization and Application in Wind Speed Forecast. Applied Sciences (Switzerland), 2019, 9, 423.	2.5	19
70	A hybrid short-term electricity price forecasting framework: Cuckoo search-based feature selection with singular spectrum analysis and SVM. Energy Economics, 2019, 81, 899-913.	12.1	114
71	A novel non-linear combination system for short-term wind speed forecast. Renewable Energy, 2019, 143, 1172-1192.	8.9	51
72	A novel hybrid model for short-term wind power forecasting. Applied Soft Computing Journal, 2019, 80, 93-106.	7.2	197

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73	Hybrid wind energy forecasting and analysis system based on divide and conquer scheme: A case study in China. <i>Journal of Cleaner Production</i> , 2019, 222, 942-959.	9.3	111
74	Wind Speed Forecasting System Based on the Variational Mode Decomposition Strategy and Immune Selection Multi-Objective Dragonfly Optimization Algorithm. <i>IEEE Access</i> , 2019, 7, 178063-178081.	4.2	42
75	Wind Speed Forecasting Using a Two-Stage Forecasting System With an Error Correcting and Nonlinear Ensemble Strategy. <i>IEEE Access</i> , 2019, 7, 176000-176023.	4.2	31
76	A novel system based on neural networks with linear combination framework for wind speed forecasting. <i>Energy Conversion and Management</i> , 2019, 181, 425-442.	9.2	59
77	A hybrid forecasting system based on a dual decomposition strategy and multi-objective optimization for electricity price forecasting. <i>Applied Energy</i> , 2019, 235, 1205-1225.	10.1	125
78	Research and application based on the swarm intelligence algorithm and artificial intelligence for wind farm decision system. <i>Renewable Energy</i> , 2019, 134, 681-697.	8.9	119
79	Novel analysis-forecast system based on multi-objective optimization for air quality index. <i>Journal of Cleaner Production</i> , 2019, 208, 1365-1383.	9.3	95
80	A novel combined model based on advanced optimization algorithm for short-term wind speed forecasting. <i>Applied Energy</i> , 2018, 215, 643-658.	10.1	199
81	Multi-step ahead forecasting in electrical power system using a hybrid forecasting system. <i>Renewable Energy</i> , 2018, 122, 533-550.	8.9	125
82	Analysis and forecasting of the oil consumption in China based on combination models optimized by artificial intelligence algorithms. <i>Energy</i> , 2018, 144, 243-264.	8.8	59
83	Multi-step-ahead wind speed forecasting based on optimal feature selection and a modified bat algorithm with the cognition strategy. <i>Renewable Energy</i> , 2018, 118, 213-229.	8.9	104
84	Research and application of a combined model based on variable weight for short term wind speed forecasting. <i>Renewable Energy</i> , 2018, 116, 669-684.	8.9	117
85	An analysis-forecast system for uncertainty modeling of wind speed: A case study of large-scale wind farms. <i>Applied Energy</i> , 2018, 211, 492-512.	10.1	76
86	Uncertainty modeling for chaotic time series based on optimal multi-input multi-output architecture: Application to offshore wind speed. <i>Energy Conversion and Management</i> , 2018, 156, 597-617.	9.2	38
87	Artificial Combined Model Based on Hybrid Nonlinear Neural Network Models and Statistics Linear Models—Research and Application for Wind Speed Forecasting. <i>Sustainability</i> , 2018, 10, 4601.	3.2	26
88	Research and Application of a Hybrid Wind Energy Forecasting System Based on Data Processing and an Optimized Extreme Learning Machine. <i>Energies</i> , 2018, 11, 1712.	3.1	28
89	An improved grey model optimized by multi-objective ant lion optimization algorithm for annual electricity consumption forecasting. <i>Applied Soft Computing Journal</i> , 2018, 72, 321-337.	7.2	133
90	Application of a novel early warning system based on fuzzy time series in urban air quality forecasting in China. <i>Applied Soft Computing Journal</i> , 2018, 71, 783-799.	7.2	96

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91	Air Pollution Forecasts: An Overview. International Journal of Environmental Research and Public Health, 2018, 15, 780.	2.6	200
92	Research and application of a hybrid model based on dynamic fuzzy synthetic evaluation for establishing air quality forecasting and early warning system: A case study in China. Environmental Pollution, 2017, 223, 435-448.	7.5	62
93	Short-term electric load forecasting based on singular spectrum analysis and support vector machine optimized by Cuckoo search algorithm. Electric Power Systems Research, 2017, 146, 270-285.	3.6	215
94	A novel hybrid approach based on cuckoo search optimization algorithm for short-term wind speed forecasting. Environmental Progress and Sustainable Energy, 2017, 36, 943-952.	2.3	21
95	Developing an early-warning system for air quality prediction and assessment of cities in China. Expert Systems With Applications, 2017, 84, 102-116.	7.6	61
96	A combined model based on seasonal autoregressive integrated moving average and modified particle swarm optimization algorithm for electrical load forecasting. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3447-3459.	1.4	6
97	Research and application of a combined model based on frequent pattern growth algorithm and multi-objective optimization for solar radiation forecasting. Applied Energy, 2017, 208, 845-866.	10.1	55
98	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
99	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
100	Air quality early-warning system for cities in China. Atmospheric Environment, 2017, 148, 239-257.	4.1	153
101	Bayesian regularisation neural network based on artificial intelligence optimisation. International Journal of Production Research, 2017, 55, 2266-2287.	7.5	47
102	Research and Application of an Air Quality Early Warning System Based on a Modified Least Squares Support Vector Machine and a Cloud Model. International Journal of Environmental Research and Public Health, 2017, 14, 249.	2.6	34
103	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
104	A Hybrid Forecasting Model Based on Empirical Mode Decomposition and the Cuckoo Search Algorithm: A Case Study for Power Load. Mathematical Problems in Engineering, 2016, 2016, 1-28.	1.1	7
105	A Hybrid Model Based on Ensemble Empirical Mode Decomposition and Fruit Fly Optimization Algorithm for Wind Speed Forecasting. Advances in Meteorology, 2016, 2016, 1-14.	1.6	14
106	Short-Term Wind Speed Forecasting Using the Data Processing Approach and the Support Vector Machine Model Optimized by the Improved Cuckoo Search Parameter Estimation Algorithm. Mathematical Problems in Engineering, 2016, 2016, 1-17.	1.1	5
107	Reliability Analysis and Overload Capability Assessment of Oil-Immersed Power Transformers. Energies, 2016, 9, 43.	3.1	16
108	Research and Application of a Hybrid Forecasting Model Based on Data Decomposition for Electrical Load Forecasting. Energies, 2016, 9, 1050.	3.1	18



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109	A Rolling Grey Model Optimized by Particle Swarm Optimization in Economic Prediction. Computational Intelligence, 2016, 32, 391-419.	3.2	61
110	Multistep Forecasting for Short-Term Wind Speed Using an Optimized Extreme Learning Machine Network with Decomposition-Based Signal Filtering. Journal of Energy Engineering - ASCE, 2016, 142, .	1.9	13
111	Suitable error evaluation criteria selection in the wind energy assessment via the $k$ -means clustering algorithm. International Journal of Green Energy, 2016, 13, 1145-1162.	3.8	2
112	Improved $v$ -Support vector regression model based on variable selection and brain storm optimization for stock price forecasting. Applied Soft Computing Journal, 2016, 49, 164-178.	7.2	77
113	Hybrid forecasting model based on data mining and genetic algorithm adaptive particle swarm optimisation: a case study of wind speed time series. IET Renewable Power Generation, 2016, 10, 287-298.	3.1	27
114	A hybrid model based on smooth transition periodic autoregressive and Elman artificial neural network for wind speed forecasting of the Hebei region in China. International Journal of Green Energy, 2016, 13, 595-607.	3.8	16
115	An Experimental Investigation of FNN Model for Wind Speed Forecasting Using EEMD and CS. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	3
116	Short-Term Wind Speed Forecasting Using Support Vector Regression Optimized by Cuckoo Optimization Algorithm. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	21
117	A combined model based on data pre-analysis and weight coefficients optimization for electrical load forecasting. Energy, 2015, 82, 524-549.	8.8	122
118	Combined forecasting models for wind energy forecasting: A case study in China. Renewable and Sustainable Energy Reviews, 2015, 44, 271-288.	16.4	163
119	Intelligent optimization models based on hard-ridge penalty and RBF for forecasting global solar radiation. Energy Conversion and Management, 2015, 95, 42-58.	9.2	70
120	A hybrid technique for short-term wind speed prediction. Energy, 2015, 81, 563-574.	8.8	114
121	A robust combination approach for short-term wind speed forecasting and analysis – Combination of the ARIMA (Autoregressive Integrated Moving Average), ELM (Extreme Learning Machine), SVM (Support Vector Machine) and LSTM (Long Short-Term Memory) model. Energy, 2015, 93, 41-56.	8.8	232
122	A hybrid wind speed forecasting model based on phase space reconstruction theory and Markov model: A case study of wind farms in northwest China. Energy, 2015, 91, 556-572.	8.8	112
123	Estimation methods review and analysis of offshore extreme wind speeds and wind energy resources. Renewable and Sustainable Energy Reviews, 2015, 42, 26-42.	16.4	81
124	Forecasting wind speed using empirical mode decomposition and Elman neural network. Applied Soft Computing Journal, 2014, 23, 452-459.	7.2	226
125	A Hybrid Forecasting Model Based on Bivariate Division and a Backpropagation Artificial Neural Network Optimized by Chaos Particle Swarm Optimization for Day-Ahead Electricity Price. Abstract and Applied Analysis, 2014, 2014, 1-31.	0.7	3
126	Artificial Intelligence and Data Mining 2014. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.7	1



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127	Swarm Intelligence-Based Hybrid Models for Short-Term Power Load Prediction. Mathematical Problems in Engineering, 2014, 2014, 1-17.	1.1	14
128	The Combination Forecasting of Electricity Price Based on Price Spikes Processing: A Case Study in South Australia. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.7	1
129	Optimal parameters selection for BP neural network based on particle swarm optimization: A case study of wind speed forecasting. Knowledge-Based Systems, 2014, 56, 226-239.	7.1	418
130	A new hybrid model optimized by an intelligent optimization algorithm for wind speed forecasting. Energy Conversion and Management, 2014, 85, 443-452.	9.2	83
131	Analysis and forecasting of the particulate matter (PM) concentration levels over four major cities of China using hybrid models. Atmospheric Environment, 2014, 98, 665-675.	4.1	97
132	A hybrid model for PM 2.5 forecasting based on ensemble empirical mode decomposition and a general regression neural network. Science of the Total Environment, 2014, 496, 264-274.	8.0	261
133	Short-term load forecasting using a kernel-based support vector regression combination model. Applied Energy, 2014, 132, 602-609.	10.1	148
134	Combining forecasts of electricity consumption in China with time-varying weights updated by a high-order Markov chain model. Omega, 2014, 45, 80-91.	5.9	74
135	A novel approach for electricity demand forecasting. Nonlinear Theory and Its Applications IEICE, 2014, 5, 184-197.	0.6	0
136	Wind energy potential assessment for the site of Inner Mongolia in China. Renewable and Sustainable Energy Reviews, 2013, 21, 215-228.	16.4	103
137	Application of the largest Lyapunov exponent and non-linear fractal extrapolation algorithm to short-term load forecasting. Chaos, Solitons and Fractals, 2012, 45, 1277-1287.	5.1	27
138	Application of residual modification approach in seasonal ARIMA for electricity demand forecasting: A case study of China. Energy Policy, 2012, 48, 284-294.	8.8	196
139	Multi-step forecasting for wind speed using a modified EMD-based artificial neural network model. Renewable Energy, 2012, 37, 241-249.	8.9	436
140	A corrected hybrid approach for wind speed prediction in Hexi Corridor of China. Energy, 2011, 36, 1668-1679.	8.8	131
141	Short-term electricity prices forecasting based on support vector regression and Auto-regressive integrated moving average modeling. Energy Conversion and Management, 2010, 51, 1911-1917.	9.2	125
142	Combined modeling for electric load forecasting with adaptive particle swarm optimization. Energy, 2010, 35, 1671-1678.	8.8	119
143	The Forecasting Procedure for Long-Term Wind Speed in the Zhangye Area. Mathematical Problems in Engineering, 2010, 2010, 1-17.	1.1	25
144	Electricity Demand Forecasting Based on Feedforward Neural Network Training by a Novel Hybrid Evolutionary Algorithm. , 2009, , .		1

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145	Software Design of Security Monitoring and Early Warning System for Electric Power Security Control. , 2009, , .		2
146	Research on Innovative Education Thoughts and Teaching Methods for China Universities. , 2009, , .		5
147	Chaotic Time Series Forecasting Base on Fuzzy Adaptive PSO for Feedforward Neural Network Training. , 2008, , .		3
148	The Research of Software Product Line Engineering Process and Its Integrated Development Environment Model. , 2008, , .		4
149	Time Series Forecasting Based on Novel Support Vector Machine Using Artificial Fish Swarm Algorithm. , 2008, , .		16
150	ARMA Model identification using Particle Swarm Optimization Algorithm. , 2008, , .		10
151	Short-Term Load Forecasting by Integration of Phase Space Reconstruction,&#x0A0;&#x0A0;Support Vector Regression and Parameter Tuning System. , 2008, , .		2
152	Decision Support in Cancer Base on Fuzzy Adaptive PSO for Feedforward Neural Network Training. , 2008, , .		3
153	The Number of Chinese International Airlines Forecasting Based on Grey Model Using Fuzzy Adaptive PSO Algorithm. , 2008, , .		0
154	Price Forecasting of Supply Chain Product Based on Dynamic Fractal Dimension. , 2008, , .		0
155	Supply Chain Safety Stock Quantity's Fractal Forecast and Study. , 2008, , .		0
156	A Novel Hybrid Evolutionary Algorithm Based on PSO and AFSA for Feedforward Neural Network Training. , 2008, , .		10
157	Application of SVM Combined with Mackov Chain for Inventory Prediction in Supply Chain. , 2008, , .		4
158	Double ensemble system for wind energy forecasting based on generalized autoregressive conditional heteroskedasticity and neural network models with variational mode decomposition. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	2.3	2
159	Multi-Step air quality index forecasting via data preprocessing, sequence reconstruction and improved multi-objective optimization algorithm. Journal of Forecasting, 0, , .	2.8	0