

Wenqing Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

825
citations

12
h-index

28
g-index

29
ext. papers

1,168
ext. citations

4.5
avg, IF

5.13
L-index

#	Paper	IF	Citations
27	A novel fractional time-delayed grey Bernoulli forecasting model and its application for the energy production and consumption prediction. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 110, 104683	7.3	7
26	A novel multivariate grey system model with conformable fractional derivative and its applications. <i>Computers and Industrial Engineering</i> , 2022 , 164, 107888	6.4	1
25	Self-adaptive discrete grey model based on a novel fractional order reverse accumulation sequence and its application in forecasting clean energy power generation in China. <i>Energy</i> , 2022 , 253, 124093	7.9	2
24	Forecasting Natural Gas Consumption in the US Power Sector by a Randomly Optimized Fractional Grey System Model. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-11	1.1	0
23	Application of a novel time-delayed power-driven grey model to forecast photovoltaic power generation in the Asia-Pacific region. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 44, 100968	4.7	12
22	A novel elastic net-based NGBMC(1,n) model with multi-objective optimization for nonlinear time series forecasting. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021 , 96, 105696	3.7	11
21	A novel hyperbolic time-delayed grey model with Grasshopper Optimization Algorithm and its applications. <i>Ain Shams Engineering Journal</i> , 2021 , 12, 865-874	4.4	8
20	Research and application of novel Euler polynomial-driven grey model for short-term PM10 forecasting. <i>Grey Systems Theory and Application</i> , 2021 , 11, 498-517	1.6	8
19	Forecasting short-term solar energy generation in Asia Pacific using a nonlinear grey Bernoulli model with time power term. <i>Energy and Environment</i> , 2021 , 32, 759-783	2.4	1
18	A novel Hausdorff fractional NGMC(p,n) grey prediction model with Grey Wolf Optimizer and its applications in forecasting energy production and conversion of China. <i>Applied Mathematical Modelling</i> , 2021 , 97, 381-397	4.5	9
17	Analysis of a Markovian queue with customer interjections and finite buffer. <i>Opsearch</i> , 2020 , 57, 301-319	1.6	
16	A novel conformable fractional non-homogeneous grey model for forecasting carbon dioxide emissions of BRICS countries. <i>Science of the Total Environment</i> , 2020 , 707, 135447	10.2	84
15	Predicting China's energy consumption using a novel grey Riccati model. <i>Applied Soft Computing Journal</i> , 2020 , 95, 106555	7.5	17
14	Forecasting manufacturing industrial natural gas consumption of China using a novel time-delayed fractional grey model with multiple fractional order. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	18
13	Application of a new information priority accumulated grey model with time power to predict short-term wind turbine capacity. <i>Journal of Cleaner Production</i> , 2020 , 244, 118573	10.3	44
12	The conformable fractional grey system model. <i>ISA Transactions</i> , 2020 , 96, 255-271	5.5	101
11	The novel fractional discrete multivariate grey system model and its applications. <i>Applied Mathematical Modelling</i> , 2019 , 70, 402-424	4.5	97

10	A novel fractional time delayed grey model with Grey Wolf Optimizer and its applications in forecasting the natural gas and coal consumption in Chongqing China. <i>Energy</i> , 2019 , 178, 487-507	7.9	145
9	Forecasting short-term renewable energy consumption of China using a novel fractional nonlinear grey Bernoulli model. <i>Renewable Energy</i> , 2019 , 140, 70-87	8.1	121
8	Research on a novel fractional GM(α , β , γ) model and its applications. <i>Grey Systems Theory and Application</i> , 2019 , 9, 356-373	1.6	30
7	Performance analysis of machine repair system with single working vacation. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 5602-5620	0.5	3
6	Application of the novel fractional grey model FAGMO(1,1,k) to predict China's nuclear energy consumption. <i>Energy</i> , 2018 , 165, 223-234	7.9	67
5	Analysis of a repairable k-out-of-n:G system with repairman's multiple delayed vacations. <i>International Journal of Computer Mathematics</i> , 2016 , 93, 2141-2161	1.2	2
4	Analysis of an M/G/1 queue with N-policy, single vacation, unreliable service station and replaceable repair facility. <i>Opsearch</i> , 2015 , 52, 670-691	1.6	5
3	Computation and transient analysis of a k-out-of-n:G repairable system with general repair times. <i>Operational Research</i> , 2015 , 15, 307-324	1.6	3
2	Reliability analysis of a k-out-of-n:G repairable system with single vacation. <i>Applied Mathematical Modelling</i> , 2014 , 38, 6075-6097	4.5	27
1	A Novel Exponential Time Delayed Fractional Grey Model and Its Application in Forecasting Oil Production and Consumption of China. <i>Cybernetics and Systems</i> , 1-29	1.9	1