

Huiming Duan

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

36

papers

517

citations

11

h-index

22

g-index

37

ext. papers

719

ext. citations

4.2

avg, IF

5.32

L-index

#	Paper	IF	Citations
36	Coal consumption forecasting using an optimized grey model: The case of the world's top three coal consumers. <i>Energy</i> , 2022 , 242, 122786	7.9	1
35	A novel dynamic time-delay grey model of energy prices and its application in crude oil price forecasting. <i>Energy</i> , 2022 , 123968	7.9	3
34	A novel nonlinear multivariable Verhulst grey prediction model: A case study of oil consumption forecasting in China. <i>Energy Reports</i> , 2022 , 8, 3424-3436	4.6	2
33	A novel grey model based on Susceptible Infected Recovered Model: A case study of COVID-19. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 127622	3.3	0
32	Research on a grey prediction model based on energy prices and its applications. <i>Computers and Industrial Engineering</i> , 2021 , 162, 107729	6.4	6
31	Application of a novel grey Bernoulli model to predict the global consumption of renewable energy. <i>Energy Reports</i> , 2021 , 7, 7200-7211	4.6	2
30	Research on short-term traffic flow prediction based on the tensor decomposition algorithm. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 5731-5741	1.6	2
29	A novel multivariable grey prediction model and its application in forecasting coal consumption. <i>ISA Transactions</i> , 2021 , 120, 110-110	5.5	11
28	An Optimization Grey Bernoulli Model and Its Application in Forecasting Oil Consumption. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-17	1.1	3
27	A novel grey model based on traditional Richards model and its application in COVID-19. <i>Chaos, Solitons and Fractals</i> , 2021 , 142, 110480	9.3	8
26	A novel Grey Verhulst model and its application in forecasting CO2 emissions. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 31370-31379	5.1	4
25	A multivariate grey prediction model based on energy logistic equation and its application in energy prediction in China. <i>Energy</i> , 2021 , 229, 120716	7.9	18
24	A novel grey model of impulse delay and its application in forecasting stock price. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 41, 3395-3413	1.6	0
23	A Novel Riccati Equation Grey Model And Its Application In Forecasting Clean Energy. <i>Energy</i> , 2020 , 205, 118085	7.9	16
22	A novel forecasting approach based on multi-kernel nonlinear multivariable grey model: A case report. <i>Journal of Cleaner Production</i> , 2020 , 260, 120929	10.3	18
21	A novel car-following inertia gray model and its application in forecasting short-term traffic flow. <i>Applied Mathematical Modelling</i> , 2020 , 87, 546-570	4.5	51
20	Three multiply connected K_n -residual graphs. <i>Journal of Taibah University for Science</i> , 2020 , 14, 1686-1699		

19	Tensor alternating least squares grey model and its application to short-term traffic flows. <i>Applied Soft Computing Journal</i> , 2020 , 89, 106145	7.5	23
18	A new grey model for traffic flow mechanics. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 88, 103350	7.2	40
17	Application of a Fractional Grey Prediction Model Based on a Filtering Algorithm in Image Processing. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-18	1.1	3
16	Grey optimization Verhulst model and its application in forecasting coal-related CO emissions. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 43884-43905	5.1	9
15	An inertia grey discrete model and its application in short-term traffic flow prediction and state determination. <i>Neural Computing and Applications</i> , 2020 , 32, 8617-8633	4.8	18
14	A Multimode Dynamic Short-Term Traffic Flow Grey Prediction Model of High-Dimension Tensors. <i>Complexity</i> , 2019 , 2019, 1-18	1.6	18
13	A new multivariable grey prediction model with structure compatibility. <i>Applied Mathematical Modelling</i> , 2019 , 75, 385-397	4.5	108
12	Prediction of a multi-mode coupling model based on traffic flow tensor data. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 1691-1703	1.6	9
11	Forecasting the output of shale gas in China using an unbiased grey model and weakening buffer operator. <i>Energy</i> , 2018 , 151, 238-249	7.9	83
10	The sufficiency of the divisibility condition for 20 divides $K(m, n, s)$. <i>Journal of Interdisciplinary Mathematics</i> , 2018 , 21, 213-229	1.2	
9	Elliott wave theory and the Fibonacci sequence-gray model and their application in Chinese stock market. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018 , 34, 1813-1825	1.6	5
8	Forecasting Crude Oil Consumption in China Using a Grey Prediction Model with an Optimal Fractional-Order Accumulating Operator. <i>Complexity</i> , 2018 , 2018, 1-12	1.6	42
7	Research on the Stability of NDGM Model with the Fractional Order Accumulation and Its Optimization. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-10	1.1	3
6	Forecasting the Short-Term Traffic Flow in the Intelligent Transportation System Based on an Inertia Nonhomogenous Discrete Gray Model. <i>Complexity</i> , 2017 , 2017, 1-16	1.6	7
5	The sufficiency of the divisibility condition for 6 divides complete tripartite graph $K(m, n, s)$. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2016 , 19, 447-456	1.7	1
4	On connected m multiply 2 dimensions hyperplane complete residual graph. <i>Journal of Interdisciplinary Mathematics</i> , 2016 , 19, 811-821	1.2	1
3	The isomorphic factorization of complete tripartite graphs $K(m, n, s)$ into 9 divides isomorphic factors. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2015 , 18, 371-383	1.7	1
2	On Connected m Multiply 2 dimensions Composite Hyperplane Complete Graph's Residual Graphs. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2013 , 16, 313-328	1.7	1

- 1 On Connected m -HPK(n_1, n_2, n_3, n_4)[Kt]-Residual Graphs. *Journal of Discrete Mathematics*, **2013**, 2013, 1-7