Mao Shuhua

List of Publications by Year
in descending order

32 papers	635 citations	840119 11 h-index	752256 20 g-index
33 all docs	33 docs citations	33 times ranked	251 citing authors

#	Article	IF	Citations
1	Electric supply and demand forecasting using seasonal grey model based on PSO-SVR. Grey Systems Theory and Application, 2023, 13, 141-171.	1.0	14
2	Fractional time-varying grey traffic flow model based on viscoelastic fluid and its application. Transportation Research Part B: Methodological, 2022, 157, 149-174.	2.8	51
3	Fractal derivative fractional grey Riccati model and its application. Chaos, Solitons and Fractals, 2021, 145, 110778.	2.5	19
4	Coopetition analysis in industry upgrade and urban expansion based on fractional derivative gray Lotka–Volterra model. Soft Computing, 2021, 25, 11485-11507.	2.1	9
5	Variable order fractional grey model and its application. Applied Mathematical Modelling, 2021, 97, 619-635.	2.2	36
6	A clean energy forecasting model based on artificial intelligence and fractional derivative grey Bernoulli models. Grey Systems Theory and Application, 2021, 11, 571-595.	1.0	11
7	Fractional grey model based on non-singular exponential kernel and its application in the prediction of electronic waste precious metal content. ISA Transactions, 2020, 107, 12-26.	3.1	54
8	Grey–Lotka–Volterra model for the competition and cooperation between third-party online payment systems and online banking in China. Applied Soft Computing Journal, 2020, 95, 106501.	4.1	51
9	Fractional derivative multivariable grey model for nonstationary sequence and its application. Journal of Systems Engineering and Electronics, 2020, 31, 1009-1018.	1.1	12
10	A new coupled ARMA-FGM model and its application in the internet third-party payment forecasting in China. Grey Systems Theory and Application, 2018, 8, 181-198.	1.0	3
11	Study of the correlation between oil price and exchange rate under the new state of the economy. Scientia Iranica, 2018, .	0.3	3
12	An improved seasonal rolling grey forecasting model using a cycle truncation accumulated generating operation for traffic flow. Applied Mathematical Modelling, 2017, 51, 386-404.	2.2	106
13	Grey Coupled Prediction Model for Traffic Flow with Panel Data Characteristics. Entropy, 2016, 18, 454.	1.1	18
14	Modeling mechanism of a novel fractional grey model based on matrix analysis. Journal of Systems Engineering and Electronics, 2016, 27, 1040-1053.	1.1	4
15	Maximum likelihood estimation of McKean–Vlasov stochastic differential equation and its application. Applied Mathematics and Computation, 2016, 274, 237-246.	1.4	8
16	A novel fractional grey system model and its application. Applied Mathematical Modelling, 2016, 40, 5063-5076.	2.2	133
17	Solution of nonlinear programming problem with interval grey parameters. , 2015, , .		0
18	A modeling method for GM(1,1) and its application based on a particular data feature. , 2015, , .		0

#	Article	IF	Citations
19	The impact of R&D on GDP study based on grey delay Lotka-Volterra model. Grey Systems Theory and Application, 2015, 5, 74-88.	1.0	6
20	Stability of GM(1,1) power model on vector transformation. Journal of Systems Engineering and Electronics, 2015, 26, 103-109.	1.1	9
21	Error and its upper bound estimation between the solutions of GM(1,1) grey forecasting models. Applied Mathematics and Computation, 2014, 246, 648-660.	1.4	16
22	The modeling mechanism, extension and optimization of grey GM (1, 1) model. Applied Mathematical Modelling, 2014, 38, 1896-1910.	2.2	67
23	The Price Forecast Model of China-made Large Aircraft Based on Partial Least Squares Regression. , 2012, , .		0
24	Short-term traffic flow prediction based on GM(1,1,Exp) model. , 2011, , .		0
25	Attribute Relative Sensitivity Analysis Based on Grey Relational Degree. , 2010, , .		1
26	Algorithm for Weighted Hasse Diagram and Its Application. , 2010, , .		2
27	The Multiple Sectional Short-Term Traffic Flow Forecasting Based on MGM(1,N|) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td		0
28	Non-Equigap GM(1,1) Model via Weakening Buffer Operator and Its Application. , 2010, , .		1
29	Partial ordered of interval grey number and its application. , 2009, , .		0
30	Grey bilevel linear programming&#x2019;s particle swarm optimization algorithm. , 2008, , .		1
31	On the properties of weakening operator. , 2007, , .		0
32	Grey Discrete Time Systems for Biological Population Dynamic Analysis. Applied Mechanics and Materials, 0, 343, 127-134.	0.2	0