

Liu Sifeng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5206761/publications.pdf>

Version: 2024-02-01

284
papers

5,650
citations

93792

39
h-index

104191

69
g-index

285
all docs

285
docs citations

285
times ranked

3132
citing authors

#	ARTICLE	IF	CITATIONS
1	A moving average denoise operator and grey discrete production process quality prediction model. <i>Grey Systems Theory and Application</i> , 2023, 13, 34-57.	1.0	1
2	A new seasonal cycle GM (1,1) model and its application in railway passenger volume forecasting. <i>Grey Systems Theory and Application</i> , 2022, 12, 293-317.	1.0	8
3	Scenario simulation of water resources development and utilization based on a system dynamics model. <i>International Journal of Water Resources Development</i> , 2022, 38, 447-463.	1.2	6
4	Scenario simulation of the tradeoff between ecological land and farmland in black soil region of Northeast China. <i>Land Use Policy</i> , 2022, 114, 105991.	2.5	39
5	Reliability modelling for multi-component systems subject to stochastic deterioration and generalized cumulative shock damages. <i>Reliability Engineering and System Safety</i> , 2021, 205, 107260.	5.1	36
6	Scheduling optimal replacement policies for a stochastically deteriorating system subject to two types of shocks. <i>ISA Transactions</i> , 2021, 112, 292-301.	3.1	18
7	Forecasting cocoa production of six major producers through ARIMA and grey models. <i>Grey Systems Theory and Application</i> , 2021, 11, 434-462.	1.0	8
8	Micro-macro dynamics of the online opinion evolution: An asynchronous network model approach. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e5981.	1.4	1
9	The spatiotemporal evolution of urbanization of the countries along the Belt and Road Initiative using the compounded night light index. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	2
10	A novel grey multi-criteria three-way decisions model and its application. <i>Computers and Industrial Engineering</i> , 2021, 158, 107405.	3.4	39
11	Predicting the trend of infectious diseases using grey self-memory system model: a case study of the incidence of tuberculosis. <i>Public Health</i> , 2021, 201, 108-114.	1.4	6
12	An integrated fuzzy QFD and grey decision-making approach for supply chain collaborative quality design of large complex products. <i>Computers and Industrial Engineering</i> , 2020, 140, 106212.	3.4	52
13	Grey modeling for thermal spray processing parameter analysis. <i>Grey Systems Theory and Application</i> , 2020, 10, 265-279.	1.0	5
14	Study on mechanism and filter efficacy of AGO/IAGO in the frequency domain. <i>Grey Systems Theory and Application</i> , 2020, 11, 1-21.	1.0	1
15	Forecasting key indicators of China's inbound and outbound tourism: optimistic-pessimistic method. <i>Grey Systems Theory and Application</i> , 2020, 11, 265-287.	1.0	25
16	Research on SoS-GERT Network Model for Equipment System of Systems Contribution Evaluation Based on Joint Operation. <i>IEEE Systems Journal</i> , 2020, 14, 4188-4196.	2.9	13
17	Time-based replacement policies for a fault tolerant system subject to degradation and two types of shocks. <i>Quality and Reliability Engineering International</i> , 2020, 36, 2338-2350.	1.4	14
18	Analysis of sustainable utilization of water resources based on the improved water resources ecological footprint model: A case study of Hubei Province, China. <i>Journal of Environmental Management</i> , 2020, 262, 110331.	3.8	106

#	ARTICLE	IF	CITATIONS
19	Reliability modeling and optimal random preventive maintenance policy for parallel systems with damage self-healing. <i>Computers and Industrial Engineering</i> , 2020, 142, 106359.	3.4	27
20	Grey Absolute Decision Analysis (GADA) Method for Multiple Criteria Group Decision-Making Under Uncertainty. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 1073-1090.	2.3	42
21	A greyness reduction framework for prediction of grey heterogeneous data. <i>Soft Computing</i> , 2020, 24, 17913-17929.	2.1	3
22	Forecast of biofuel production and consumption in top CO2 emitting countries using a novel grey model. <i>Journal of Cleaner Production</i> , 2020, 276, 123997.	4.6	65
23	DISTINGUISHING COEFFICIENT DRIVEN SENSITIVITY ANALYSIS OF GRA MODEL FOR INTELLIGENT DECISIONS: APPLICATION IN PROJECT MANAGEMENT. <i>Technological and Economic Development of Economy</i> , 2020, 26, 621-641.	2.3	39
24	A model based on hidden graphic evaluation and review technique network to evaluate reliability and lifetime of multi-state systems. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2019, 233, 369-378.	0.6	5
25	Systems Evaluation through New Grey Relational Analysis Approach: An Application on Thermal Conductivityâ€™Petrophysical Parametersâ€™ Relationships. <i>Processes</i> , 2019, 7, 348.	1.3	24
26	An Integrated Variational Mode Decomposition and ARIMA Model to Forecast Air Temperature. <i>Sustainability</i> , 2019, 11, 4018.	1.6	21
27	Novel load management for renewable generation sources/battery system through cut energy expenditure and generate revenue. <i>International Journal of Ambient Energy</i> , 2019, , 1-17.	1.4	3
28	Optimal periodic maintenance policies for a parallel redundant system with component dependencies. <i>Computers and Industrial Engineering</i> , 2019, 138, 106133.	3.4	25
29	Reliability Variation and Optimal Age Replacement Schedule of Compensated Discrete Multi-state Systems. , 2019, , .		2
30	Dynamic multi-attribute group decision making method based on 4-dimensional matrix grey target model. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 1043-1053.	0.8	1
31	Bidirectional Absolute GRA/GIA Model for Uncertain Systems: Application in Project Management. <i>IEEE Access</i> , 2019, 7, 60885-60896.	2.6	37
32	Reliability variation of multi-state components with inertial effect of deteriorating output performances. <i>Reliability Engineering and System Safety</i> , 2019, 186, 176-185.	5.1	13
33	A novel GREYâ€™ASMAA model for reliability growth evaluation in the large civil aircraft test flight phase. <i>Grey Systems Theory and Application</i> , 2019, 10, 46-55.	1.0	4
34	Grey relational evaluation of impact and control of malaria in Sub-Saharan Africa. <i>Grey Systems Theory and Application</i> , 2019, 9, 415-431.	1.0	7
35	G-BDP-ADC Model for Effectiveness Evaluation of Low Orbit Satellite Communication System in the Context of Poor Information. <i>IEEE Access</i> , 2019, 7, 157489-157505.	2.6	7
36	A new method to mitigate data fluctuations for time series prediction. <i>Applied Mathematical Modelling</i> , 2019, 65, 390-407.	2.2	13

#	ARTICLE	IF	CITATIONS
37	Comparative analysis of properties of weakening buffer operators in time series prediction models. Communications in Nonlinear Science and Numerical Simulation, 2019, 68, 257-285.	1.7	15
38	A novel method for solving linear programming with grey parameters. Journal of Intelligent and Fuzzy Systems, 2019, 36, 161-172.	0.8	30
39	A prediction method for plasma concentration by using a nonlinear grey Bernoulli combined model based on a self-memory algorithm. Computers in Biology and Medicine, 2019, 105, 81-91.	3.9	15
40	Reliability Assessment for Uncertain Multi-state Systems: An Extension of Fuzzy Universal Generating Function. International Journal of Fuzzy Systems, 2019, 21, 945-953.	2.3	14
41	Using the fractional order method to generalize strengthening buffer operator and weakening buffer operator. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 1074-1078.	8.5	12
42	Predicting the research output/growth of selected countries: application of Even GM (1, 1) and NDGM models. Scientometrics, 2018, 115, 395-413.	1.6	86
43	Optimal due date quoting for a risk-averse decision-maker under CVaR. International Journal of Production Research, 2018, 56, 1934-1959.	4.9	9
44	Grey-fuzzy solution for multi-objective linear programming with interval coefficients. Grey Systems Theory and Application, 2018, 8, 312-327.	1.0	19
45	A Critical Review: Shape Optimization of Welded Plate Heat Exchangers based on Grey Correlation Theory. Applied Thermal Engineering, 2018, 144, 593-599.	3.0	31
46	An investigation into the relationship between China's economic development and carbon dioxide emissions. Climate and Development, 2017, 9, 66-79.	2.2	5
47	A self-adaptive intelligence gray prediction model with the optimal fractional order accumulating operator and its application. Mathematical Methods in the Applied Sciences, 2017, 40, 7843-7857.	1.2	57
48	Evaluation of project management knowledge areas using grey incidence model and AHP. , 2017, , .		15
49	Using grey Holt-Winters model to predict the air quality index for cities in China. Natural Hazards, 2017, 88, 1003-1012.	1.6	37
50	Grey Data Analysis. Computational Risk Management, 2017, , .	0.5	146
51	Control and optimization of quality cost based on discrete grey forecasting model. , 2017, , .		2
52	Using the GM(1,1) model cluster to forecast global oil consumption. Grey Systems Theory and Application, 2017, 7, 286-296.	1.0	11
53	Study of a discrete grey forecasting model based on the quality cost characteristic curve. Grey Systems Theory and Application, 2017, 7, 376-384.	1.0	8
54	Several problems need to be studied in grey system theory. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
55	Application of grey clustering evaluation model to construction of university excellent courses. , 2017, , .		1
56	Grey Bayesian network model for reliability analysis of complex system. , 2017, , .		3
57	On general standard grey number representation and operations for multi-type uncertain data. , 2017, , .		0
58	A diffusion model of the multi-generations products competition by system dynamics analyzing. , 2017, , .		0
59	A study on the assessment of power system security risk based on grey clustering and maximum entropy theory. , 2016, , .		0
60	Relation between China's gasoline prices and international crude oil prices. Energy Sources, Part B: Economics, Planning and Policy, 2016, 11, 953-959.	1.8	3
61	Multi-variable weakening buffer operator and its application. Information Sciences, 2016, 339, 98-107.	4.0	28
62	New progress of Grey System Theory in the new millennium. Grey Systems Theory and Application, 2016, 6, 2-31.	1.0	126
63	Development of an optimization method for the GM(1,N) model. Engineering Applications of Artificial Intelligence, 2016, 55, 353-362.	4.3	88
64	A novel multi-variable grey forecasting model and its application in forecasting the amount of motor vehicles in Beijing. Computers and Industrial Engineering, 2016, 101, 479-489.	3.4	60
65	On the contribution of defense innovation to China's economic growth. Defence and Peace Economics, 2016, 27, 820-837.	1.0	9
66	Grey double exponential smoothing model and its application on pig price forecasting in China. Applied Soft Computing Journal, 2016, 39, 117-123.	4.1	85
67	A Gray Model With a Time Varying Weighted Generating Operator. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 427-433.	5.9	31
68	Comparison of China's primary energy consumption forecasting by using ARIMA (the autoregressive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.5	283
69	Forecasting China's SO ₂ emissions by the nonlinear grey Bernoulli self-memory model (NGBSM). , 2015, , .		0
70	Dynamic grey target decision making method with grey numbers based on existing state and future development trend of alternatives. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2159-2168.	0.8	22
71	A Model to Determine OWA Weights and Its Application in Energy Technology Evaluation. International Journal of Intelligent Systems, 2015, 30, 798-806.	3.3	10
72	Using a Novel Grey System Model to Forecast Natural Gas Consumption in China. Mathematical Problems in Engineering, 2015, 2015, 1-7.	0.6	18

#	ARTICLE	IF	CITATIONS
73	Using weighted partial least squares to estimate the development cost of complex equipment at early design stage. , 2015, , .		1
74	Dynamic grey target decision making method with three-parameter grey numbers. , 2015, , .		0
75	Storage reliability evaluation model based on grey target theory combined with prospect theory. , 2015, , .		1
76	Grey incidence decision-making method of grey hesitant fuzzy sets based on kernel and grey degree. , 2015, , .		2
77	Fundamental definitions and calculation rules of grey mathematics: A review work. Journal of Systems Engineering and Electronics, 2015, 26, 1254-1267.	1.1	8
78	Properties of the GM(1,1) with fractional order accumulation. Applied Mathematics and Computation, 2015, 252, 287-293.	1.4	82
79	A multi-variable grey model with a self-memory component and its application on engineering prediction. Engineering Applications of Artificial Intelligence, 2015, 42, 82-93.	4.3	51
80	Grey relational analysis and natural language Processing. , 2015, , .		1
81	On the new model system and framework of grey system theory. , 2015, , .		5
82	Modelling and forecasting CO 2 emissions in the BRICS (Brazil, Russia, India, China, and South Africa) countries using a novel multi-variable grey model. Energy, 2015, 79, 489-495.	4.5	189
83	Using fractional order accumulation to reduce errors from inverse accumulated generating operator of grey model. Soft Computing, 2015, 19, 483-488.	2.1	55
84	A Grey<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mtext>NGM</mml:mtext><mml:mo stretchy="false"></mml:mo><mml:mn>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307	0.8	4
85	Consumption Prediction. Scientific World Journal, The, 2014, 2014, 1-12. Grey power models based on optimization of initial condition and model parameters. Grey Systems Theory and Application, 2014, 4, 370-382.	1.0	10
86	Efficiency evaluation method for product cooperative development based on grey incidence analysis and DEA. , 2014, , .		2
87	Chinaâ€™s regional meteorological disaster loss analysis and evaluation based on grey cluster model. Natural Hazards, 2014, 71, 1067-1089.	1.6	40
88	Using gray model with fractional order accumulation to predict gas emission. Natural Hazards, 2014, 71, 2231-2236.	1.6	35
89	Uncertainty Representation of Grey Numbers and Grey Sets. IEEE Transactions on Cybernetics, 2014, 44, 1508-1517.	6.2	27
90	An analysis on investment policy effect of Chinaâ€™s photovoltaic industry based on feedback model. Applied Energy, 2014, 135, 423-428.	5.1	35

#	ARTICLE	IF	CITATIONS
91	Non-homogenous discrete grey model with fractional-order accumulation. Neural Computing and Applications, 2014, 25, 1215-1221.	3.2	104
92	Random network models and sensitivity algorithms for the analysis of ordering time and inventory state in multi-stage supply chains. Computers and Industrial Engineering, 2014, 70, 168-175.	3.4	5
93	Application of a Novel Grey Self-Memory Coupling Model to Forecast the Incidence Rates of Two Notifiable Diseases in China: Dysentery and Gonorrhoea. PLoS ONE, 2014, 9, e115664.	1.1	8
94	On novel grey forecasting model based on non-homogeneous index sequence. Applied Mathematical Modelling, 2013, 37, 5059-5068.	2.2	120
95	Grey system model with the fractional order accumulation. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 1775-1785.	1.7	434
96	Research on performance evaluation system for green supply chain management based on recycled economy — Taking Guangxi's manufacturing industry as example. , 2013, , .		1
97	A summary of The progress in grey system research. , 2013, , .		12
98	Study on a grey Verhulst self-memory model and application. , 2013, , .		0
99	Quality investment and cost-sharing in the manufacturer-supplier cooperative development for complex products. , 2013, , .		0
100	Maximum entropy virtual manufacturing system design based on poor information of small sample. , 2013, , .		1
101	The research of price regulation mechanism on optimizing the energy consumption structure in China. , 2013, , .		0
102	A novel interval grey prediction model considering uncertain information. Journal of the Franklin Institute, 2013, 350, 3400-3416.	1.9	39
103	A novel grey forecasting model and its optimization. Applied Mathematical Modelling, 2013, 37, 4399-4406.	2.2	164
104	The effect of sample size on the grey system model. Applied Mathematical Modelling, 2013, 37, 6577-6583.	2.2	110
105	A robust optimization approach to reduce the bullwhip effect of supply chains with vendor order placement lead time delays in an uncertain environment. Applied Mathematical Modelling, 2013, 37, 707-718.	2.2	52
106	Grey set conversion and its decision method of intuitionistic fuzzy sets. , 2013, , .		0
107	Handover optimization in business processes via prediction. Kybernetes, 2013, 42, 1101-1127.	1.2	0
108	The optimal cost-sharing incentive model of main manufacturer-suppliers for complex equipment under grey information. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
109	Using grey Lotka-Volterra model to analyze the relationship between the gross domestic products and the foreign direct investment of Ningbo city. , 2013, , .		2
110	The construction and application of process capability rapid determination model with poor information based upon the safest principle. , 2013, , .		0
111	The restriction mechanism of Chinese university results efficiency based on the hybrid of VPRS and optimized GM(1,1). , 2013, , .		0
112	Several grey system models which used most commonly. , 2013, , .		0
113	A new method of determining the grey clustering whitenization weight function threshold. , 2013, , .		0
114	Preface of the "Symposium on grey system: Theory and applications", 2013, , .		0
115	Modeling and simulation of stranded passengers' transferring decision-making on the basis of herd behaviors. <i>Kybernetes</i> , 2012, 41, 963-976.	1.2	7
116	Influence factors analysis of online auditing performance assessment. <i>Kybernetes</i> , 2012, 41, 587-598.	1.2	9
117	Dynamic suppliers' risk management of large-scale and complex equipment development. <i>Kybernetes</i> , 2012, 41, 839-850.	1.2	6
118	IN-GM(0, N) cost forecasting model of commercial aircraft based on interval grey numbers. <i>Kybernetes</i> , 2012, 41, 886-896.	1.2	4
119	Research on ACPI system frame for R&D management of complex equipments. <i>Kybernetes</i> , 2012, 41, 750-760.	1.2	2
120	Functional model for zero-sum game and its matrix solution concerning uncertain information. , 2012, , .		0
121	Grey Lotka-Volterra model and its application. <i>Technological Forecasting and Social Change</i> , 2012, 79, 1720-1730.	6.2	52
122	On uncertain systems and uncertain models. <i>Kybernetes</i> , 2012, 41, 548-558.	1.2	17
123	Grey enterprise input-output analysis. <i>Journal of Computational and Applied Mathematics</i> , 2012, 236, 1862-1875.	1.1	15
124	Emergence of structural properties in economic networks: A multi-local-world evolving model. <i>Simulation Modelling Practice and Theory</i> , 2012, 21, 91-102.	2.2	6
125	A stochastic network model for ordering analysis in multi-stage supply chain systems. <i>Simulation Modelling Practice and Theory</i> , 2012, 22, 92-108.	2.2	19
126	The relationship among non-fossil energy consumption, economic growth and coal prices in China. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
127	Modeling GM(1,1) based new information principle. , 2011, , .		2
128	Cost prediction model of commercial aircraft based on grey incidence weight. , 2011, , .		1
129	Prediction of efficient outputs based on GM (1, N) model and weak DEA efficiency. Journal of Systems Engineering and Electronics, 2011, 22, 933-939.	1.1	0
130	Efficiency measures in DEA with grey interval data under the hypotheses of data consistency. , 2011, , .		0
131	Grey Systems. Understanding Complex Systems, 2011, , .	0.3	61
132	A brief introduction to grey systems theory. , 2011, , .		38
133	An OWA-TOPSIS method for multiple criteria decision analysis. Expert Systems With Applications, 2011, 38, 5205-5211.	4.4	44
134	Grey incidence method of decision-making with three-parameter interval numbers and unknown weights. , 2011, , .		1
135	Extension definition of affine properties for studying degrees of grey incidences. , 2011, , .		1
136	Operations of grey sets. , 2011, , .		0
137	Advance in grey incidence analysis modelling. , 2011, , .		12
138	Maturity model of the integration of informationization and industrialization based on grey clustering. , 2011, , .		0
139	Small and large projects: their dynamics and which ones to take. Kybernetes, 2011, 40, 1354-1372.	1.2	2
140	Notice of Retraction: Economic index time difference analysis based on K-L information measure. , 2010, , .		0
141	The relationship among energy prices and energy consumption in China. Energy Policy, 2010, 38, 197-207.	4.2	84
142	Novel methods on comparing grey numbers. Applied Mathematical Modelling, 2010, 34, 415-423.	2.2	51
143	The impact on chinese economic growth and energy consumption of the Global Financial Crisis: An input-output analysis. Energy, 2010, 35, 1805-1812.	4.5	107
144	The relation between Chinese economic development and energy consumption in the different periods. Energy Policy, 2010, 38, 5189-5198.	4.2	66

#	ARTICLE	IF	CITATIONS
145	An approach to increase prediction precision of GM(1,1) model based on optimization of the initial condition. Expert Systems With Applications, 2010, 37, 5640-5644.	4.4	113
146	Study on modeling method for sequences with law of grey exponent. , 2010, , .		0
147	Study on evolution mechanism of fateful stampede accident based on graphical evaluation and review technique. , 2010, , .		0
148	A price forecast method of commercial aircraft based on I-GM(0,N) model. , 2010, , .		1
149	Study on the weakening buffer operator based on the interpolatory Function. , 2010, , .		0
150	Multi-objective grey target decision making methods under the information of three-parameter interval grey numbers. , 2010, , .		1
151	Extension of TOPSIS for fuzzy multi-attribute decision making problem based on experimental analysis. Journal of Systems Engineering and Electronics, 2010, 21, 416-422.	1.1	7
152	Prediction model of interval grey number based on DGM (1, 1). Journal of Systems Engineering and Electronics, 2010, 21, 598-603.	1.1	30
153	Reliability Growth Prediction Based on an Improved Grey Prediction Model. International Journal of Computational Intelligence Systems, 2010, 3, 266-273.	1.6	3
154	Grey incidence analysis of the factors which are linear correlative. , 2010, , .		1
155	Empirical study on relationship between Wuxi city's S&T investment and economy growth based on grey incidence analyzing. , 2010, , .		0
156	On algorithm rules of interval grey numbers based on the \oplus Kernel \oplus and the degree of greyness of grey numbers. , 2010, , .		8
157	Introduction to Grey Systems Theory. Understanding Complex Systems, 2010, , 1-18.	0.3	75
158	A multi-attribute auction model by dominance based rough sets approach. Computer Science and Information Systems, 2010, 7, 843-858.	0.7	9
159	Reliability Growth Predication based on an Improved Grey Predicton Model. International Journal of Computational Intelligence Systems, 2010, 3, 266.	1.6	3
160	A Complete Ranking Model for MCDA Based on Multi-Graded Dominance Relations. Information Technology Journal, 2010, 9, 325-330.	0.3	0
161	The gap prediction for Sci-tech innovative talents of Jiangsu province. , 2009, , .		0
162	Template game analysis of supervision on research funds of colleges and universities in China. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
163	Energy-saving-based industrial restructuring of Jiangsu using grey programming model. , 2009, , .		0
164	The optimization of supply chain components' quality characteristics based on structural equation model. , 2009, , .		3
165	On effect of qualified scientists and technicians gathering. , 2009, , .		0
166	Allocation structure and utilization efficiency analysis of research expenditure for science and technology in China. , 2009, , .		0
167	Study on 2-tuple linguistic assessment method based on grey cluster with incomplete attribute weight information. , 2009, , .		3
168	Study on anomaly formation in securities market under rational human being hypothesis. , 2009, , .		0
169	Emergence and development of grey systems theory. <i>Kybernetes</i> , 2009, 38, 1246-1256.	1.2	42
170	The p-moment exponential robust stability for stochastic systems with distributed delays and interval parameters. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2009, 30, 915-924.	1.9	6
171	On the properties of small sample of GM(1,1) model. <i>Applied Mathematical Modelling</i> , 2009, 33, 1894-1903.	2.2	65
172	Research on the energy-saving effect of energy policies in China: 1982â€“2006. <i>Energy Policy</i> , 2009, 37, 2475-2480.	4.2	51
173	A DEA-TOPSIS method for multiple criteria decision analysis in emergency management. <i>Journal of Systems Science and Systems Engineering</i> , 2009, 18, 489-507.	0.8	36
174	Research on energy-saving effect of technological progress based on Cobbâ€“Douglas production function. <i>Energy Policy</i> , 2009, 37, 2842-2846.	4.2	66
175	Discrete grey forecasting model and its optimization. <i>Applied Mathematical Modelling</i> , 2009, 33, 1173-1186.	2.2	386
176	On evolution trend of R&D input and scientific and technical input in Jiangsu Province. , 2009, , .		0
177	Study on the possibility degree of the optimal solution of grey dynamic programming model base on standard interval grey number. , 2009, , .		2
178	The system dynamics simulation of the interactions between industrial agglomeration and regional economic competitiveness. , 2009, , .		0
179	Research on extended cluster of grey incidence and its application. , 2009, , .		1
180	A study of impact factors on China's development in service industry based on grey relational analysis. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
181	Applying the method of grey cluster analysis to evaluate innovation capability about high-tech industry of Jiangsu province. , 2009, , .		0
182	Forecasting research on real estate prices in Shanghai. , 2009, , .		3
183	Ranking decision-making units by imagined grey interval DEA model based on public weights. , 2009, , .		1
184	A hybrid approach of grey rough set and probabilistic neural network to uncertain decision. , 2009, , .		0
185	Some new results On the weakening buffer operator. , 2009, , .		0
186	On the astray of complicated models for uncertain systems. , 2009, , .		0
187	Canonical correlation analysis of science and technology talents and development of regional emerging industry — A case of Jiangsu Province. , 2009, , .		0
188	Studying on the influencing factors of China's “Eleventh Five-Year” energy-saving goals based on structural equation model. , 2009, , .		0
189	Improvements on grey models for non-equidistant sequence. , 2009, , .		1
190	A method of evaluation on 2-tuple linguistic clustering results based on grey measure. , 2009, , .		0
191	Liquidity-constrained portfolio model and empirical analysis. , 2009, , .		0
192	Grey system theory in China: A bibliometrics analysis. , 2009, , .		0
193	Similarity to ideal-based grey relational projection for multiple criteria decision-making. , 2009, , .		1
194	Economic yoyos and some mysteries about child labor. Kybernetes, 2009, 38, 118-140.	1.2	1
195	The foundation of the grey matrix and the grey input—output analysis. Applied Mathematical Modelling, 2008, 32, 267-291.	2.2	50
196	Research on consistency measurement and weight estimation approach of hybrid uncertain comparison matrix. Journal of Systems Engineering and Electronics, 2008, 19, 1145-1150.	1.1	0
197	Study on the model of grey matrix game based on grey mixed strategy—properties of grey mixed strategy and model of linear program. , 2008, , .		0
198	Advantages and disadvantages of Shanxi FDI Absorption Capacity based on Grey Relational Entropy. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0

#	ARTICLE	IF	CITATIONS
199	A study on the characteristics of GM (1, 1) model. , 2008, , .		0
200	The post evaluation of construction project based on dominance-based rough set and GRA. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
201	The research of regional ecological industrial chain forming based on incomplete information dynamic Grey Game. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
202	Forecast of electricity consumption of Jiangsu province by grey methods. , 2008, , .		0
203	The improvement of discrete GM(1,1) prediction model and its solution arithmetic. , 2008, , .		0
204	Grey judgment matrix and its consistency. , 2008, , .		0
205	Linear programming model with Uni-polar City for different levels allocation of productivity of science and technology based on the perfect mechanism. , 2008, , .		0
206	Study on case retrieving in case-based reasoning based on grey incidence theory and its application in bank regulation. , 2008, , .		2
207	Researching on Grey Incidence between Logistics Industry and Economic Development. , 2008, , .		3
208	The influence of OFDI on Chinese industrial structure—an analysis based on the grey incidence theory. , 2008, , .		1
209	The general elementary dependent function based on the side distance. , 2008, , .		0
210	The model of grey periodic incidence and their rehabilitation. , 2008, , .		8
211	Kernels of grey numbers and their operations. , 2008, , .		1
212	Review of the algorithm models of degrees of grey incidence. , 2008, , .		1
213	Study on the absolute grey incidence model of an interval grey number sequence. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
214	A gray input-output model based on the standard interval grey number. , 2008, , .		4
215	Study on the concession and damping equilibrium of duopoly strategic output based on bounded rationality and knowledge. International Journal of Services Operations and Informatics, 2008, 3, 318.	0.2	0
216	The Sample Number Selection Rules Study on Grey Forecast Model. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
217	The research of reaction abilities and errors distributions for the model of GM(1,1) to simulate equal difference and geometric ratio sequence. , 2007, , .		0
218	A rough analysis method of multi-attribute decision making for handling decision system with incomplete information. , 2007, , .		3
219	Supply chain coordination with a combined contract with pending prices for a short-life-cycle product. , 2007, , .		0
220	Evolution gambling analysis of scientific and technological talents’ flow wish based on interval grey numbers. , 2007, , .		0
221	The evaluation of regional urban spatial structure optimization based on the grey group decision-making. , 2007, , .		0
222	National economic strength as evaluated using grey systems theory. Kybernetes, 2007, 36, 89-97.	1.2	12
223	The calculating model and empirical analysis of science & technology productivity and its leading GDP’s fluctuating cycle. , 2007, , .		0
224	Study on a new duopoly strategy output-making model based on the experienced ideal output and the best strategy decision-making coefficient. , 2007, , .		0
225	Grey fuzzy comprehensive evaluation on the performance of China’s nonprofit organizations. , 2007, , .		0
226	Sensitivity analysis of grey relational ordering. , 2007, , .		0
227	A grey rough set model based on (α ₁ ;β ₂) grey similarity relation. , 2007, , .		2
228	Study on GSOM model based on interval grey number. , 2007, , .		1
229	Uncertainty Multi-Objective Optimization Resources Distribution Model of Enterprise Strategic Restructuring. , 2007, , .		0
230	Polar grey relational analysis and its application in clinical trial. , 2007, , .		6
231	Research of evaluation indicators supporting innovation. , 2007, , .		1
232	Study on Grey Graphical Evaluation Review Technique Network and its application. , 2007, , .		2
233	The pareto optimal distribution of linear programming model of technology flow of uni-polar city based on the perfect mechanism. , 2007, , .		0
234	The present situation analysis and demand prediction of science and technology talents of Nanjing. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
235	An evaluation system on development of science and technology park. , 2007, , .		0
236	Predicting Chinese logistics scale in 10 years with model GM(1,1). , 2007, , .		2
237	Dynamic trading strategies with stochastic and nonlinear price impact. , 2007, , .		0
238	Study on the multi-attribute decision model of grey target based on interval numbers. , 2007, , .		17
239	Study on new method of GAHP. , 2007, , .		8
240	Multi-stratum medical grey relational theory and its application research. , 2007, , .		3
241	Study on the damping equilibrium of duopoly strategy output-making based on bounded rationality and knowledge. , 2007, , .		0
242	Study on the weight of evaluation index based on the rule of maximum entropy. , 2007, , .		2
243	Research on the model of counterpart fund from local government for technology import. , 2007, , .		0
244	Value Chain Coordination with Contracts for Virtual R&D Alliance Towards Service. , 2007, , .		2
245	Study on grey regional economy control model of Research University. , 2007, , .		0
246	Jointed inventory model on ordering and pricing: an extension for the newsboy model. International Journal of Services Operations and Informatics, 2007, 2, 65.	0.2	2
247	Operating mode selection model of the financial company based on the grey incidence decision-making. , 2007, , .		0
248	RFID technology and its application forecasting with knowledge-embedded GM(1,1) model. , 2007, , .		0
249	The model of grey periodic incidence and their rehabilitation. , 2007, , .		0
250	Grey system and grey data management in medicine. , 2007, , .		7
251	The right use of “with and without antitheses” in the post evaluation of construction projects —Using Lianxu speedway project as an example. , 2007, , .		0
252	Supervising and appraising of harmonious society development grade of china based on grey system theories. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
253	Jointed Decision Model on Ordering and Pricing for a Short-Life-Cycle Product under Stochastic Multiplicative Demand. , 2006, , .		1
254	Supply-chain coordination with combined contract for a short-life-cycle product. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2006, 36, 53-61.	3.4	27
255	On index system and mathematical model for evaluation of scientific and technical strength. Kybernetes, 2006, 35, 1256-1264.	1.2	30
256	Multi-attribute grey incidence decision model for interval number. Kybernetes, 2006, 35, 1265-1272.	1.2	3
257	Two-stage ordering decision for a short-life-cycle product. Journal of Systems Science and Systems Engineering, 2006, 15, 340-358.	0.8	8
258	Case Retrieving Based on Grey Incidence Degree in CBR. , 2006, , .		0
259	Study on Development Kinetic Energy of Chinese Industry and Measure Model of Energy. , 2006, , .		0
260	Research of Program Process Time Post-evaluation Grey Critical Path Algorithm Method Based on Grey Data Advantage Relationship. , 2006, , .		0
261	Study on Chain Model of Evolutionary Game of Industrial Cluster under Strong Correlation between Individual Pay-off and Individual Quantity. , 2006, , .		1
262	Study on the Strengthening Buffer Operators and Their Applications. , 2006, , .		14
263	On measures of information content of grey numbers. Kybernetes, 2006, 35, 899-904.	1.2	38
264	Study on Grey Fixed Weight Clustering Decision-making Based on Entropy Weight. , 2006, , .		3
265	Study on optimum value of Grey Matrix Game Based on Token of Grey Interval Number. , 2006, , .		0
266	Study on Matrix Solution Method of Grey Matrix Game Based on Full Rank Grey Payoff Matrix. , 2006, , .		2
267	Interval analytical approach to roll vendor selection for a large-scale steel-iron enterprise. , 2006, , .		0
268	Solving Problems with Incomplete Information: A Grey Systems Approach. Advances in Imaging and Electron Physics, 2006, , 77-174.	0.1	44
269	The optimal ordering policy for a short-life-cycle product under Bayesian updating. , 2005, , .		0
270	The GM models that $x(n)$ be taken as initial value. Kybernetes, 2004, 33, 247-254.	1.2	111

#	ARTICLE	IF	CITATIONS
271	Study on Degree of Orderliness of Regional Industrial Structure. , 0, , .		0
272	Analysis of the grey matrix game model in stock speculation for immediate price-margin based on grey information. , 0, , .		2
273	Study on chain structure model of evolutionary game based on asymmetric case. , 0, , .		3
274	Study on grey synthetic clusters appraisals model. , 0, , .		3
275	An inventory model with constrained newsboy under renting.-warehouse. , 0, , .		0
276	A historical introduction to grey systems theory. , 0, , .		41
277	Grey System Evaluation of the Enterprise Sustainable Growth Competence. , 0, , .		0
278	A New Computation Model of Grey Incidence Degree Met Four Axioms and its Application in OFR. , 0, , .		6
279	Research on Discrete Grey Model and Its Mechanism. , 0, , .		23
280	Study on chain structure model of evolutionary game based on symmetric case. , 0, , .		3
281	The Grey Incidence Analysis on the SIC of the ECYR in Jiangsu. , 0, , .		2
282	Study on The Grey Incidence of Interval Number. , 0, , .		1
283	A new definition on degree of greyness of grey numbers with several theorems. , 0, , .		1
284	On the multiple-attribute incidence decision model for interval numbers. , 0, , .		6