

Xinping Xiao

List of Publications by Year in descending order

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13
papers

560
citations

933447

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all docs

13
docs citations

13
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel fractional grey system model and its application. Applied Mathematical Modelling, 2016, 40, 5063-5076.	4.2	133
2	An improved seasonal rolling grey forecasting model using a cycle truncation accumulated generating operation for traffic flow. Applied Mathematical Modelling, 2017, 51, 386-404.	4.2	106
3	A novel car-following inertia gray model and its application in forecasting short-term traffic flow. Applied Mathematical Modelling, 2020, 87, 546-570.	4.2	81
4	A new grey model for traffic flow mechanics. Engineering Applications of Artificial Intelligence, 2020, 88, 103350.	8.1	60
5	Tensor alternating least squares grey model and its application to short-term traffic flows. Applied Soft Computing Journal, 2020, 89, 106145.	7.2	36
6	A research on a comprehensive adaptive grey prediction model CAGM(1,N). Applied Mathematics and Computation, 2013, 225, 216-227.	2.2	33
7	Urban Road Short-term Traffic Flow Forecasting Based on the Delay and Nonlinear Grey Model. Journal of Transportation System Engineering and Information Technology, 2013, 13, 60-66.	0.6	28
8	A Multimode Dynamic Short-Term Traffic Flow Grey Prediction Model of High-Dimension Tensors. Complexity, 2019, 2019, 1-18.	1.6	22
9	An inertia grey discrete model and its application in short-term traffic flow prediction and state determination. Neural Computing and Applications, 2020, 32, 8617-8633.	5.6	22
10	Grey Coupled Prediction Model for Traffic Flow with Panel Data Characteristics. Entropy, 2016, 18, 454.	2.2	18
11	Prediction of a multi-mode coupling model based on traffic flow tensor data. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1691-1703.	1.4	10
12	Forecasting the Short-Term Traffic Flow in the Intelligent Transportation System Based on an Inertia Nonhomogenous Discrete Gray Model. Complexity, 2017, 2017, 1-16.	1.6	7
13	Research on the Stability of NDGM Model with the Fractional Order Accumulation and Its Optimization. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	4