

Xuesong Feng

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

263
citations

933447

10
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of target speeds of high-speed railway trains for traction energy saving and transport efficiency improvement. <i>Energy Policy</i> , 2011, 39, 7658-7665.	8.8	46
2	A new transit network design study in consideration of transfer time composition. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 66, 85-94.	6.8	34
3	A Review Study on Traction Energy Saving of Rail Transport. <i>Discrete Dynamics in Nature and Society</i> , 2013, 2013, 1-9.	0.9	22
4	Evaluating target speeds of passenger trains in China for energy saving in the effect of different formation scales and traction capacities. <i>International Journal of Electrical Power and Energy Systems</i> , 2012, 42, 621-626.	5.5	18
5	Designing a hazardous materials transportation network by a bi-level programming based on toll policies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 534, 122324.	2.6	17
6	A pareto artificial fish swarm algorithm for solving a multi-objective electric transit network design problem. <i>Transportmetrica A: Transport Science</i> , 2020, 16, 1648-1670.	2.0	17
7	Solving urban electric transit network problem by integrating Pareto artificial fish swarm algorithm and genetic algorithm. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2022, 26, 253-268.	4.2	14
8	Improve urban passenger transport management by rationally forecasting traffic congestion probability. <i>International Journal of Production Research</i> , 2016, 54, 3465-3474.	7.5	13
9	Prediction of Urban Road Congestion Using a Bayesian Network Approach. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 138, 671-678.	0.5	12
10	Planning tank-truck hazardous materials shipments in intercity road transportation networks. <i>Applied Mathematical Modelling</i> , 2021, 89, 1860-1880.	4.2	12
11	Electric Transit Network Design by an Improved Artificial Fish-Swarm Algorithm. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, .	1.4	11
12	Comparative analysis for traffic flow forecasting models with real-life data in Beijing. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401562032.	1.6	10
13	Rational Formations of a Metro Train Improve Its Efficiencies of Both Traction Energy Utilization and Passenger Transport. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	1.1	7
14	Research on Traction Energy Cost Intensity and Passenger Transport Efficiency of a Metro Train. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 138, 722-728.	0.5	5
15	Multi-Objective Land Use Allocation Optimization in View of Overlapped Influences of Rail Transit Stations. <i>Sustainability</i> , 2021, 13, 13219.	3.2	5
16	Impacts of Urban Rail Transit on City Growth: Evidence from China. <i>Urban Rail Transit</i> , 2022, 8, 121-133.	1.8	5
17	Bayesian network modeling analyzes of perceived urban rail transfer time. <i>Transportation Letters</i> , 2021, 13, 514-521.	3.1	4
18	Bayesian network modeling explorations of strategies on reducing perceived transfer time for urban rail transit service improvement in different seasons. <i>Cities</i> , 2019, 95, 102474.	5.6	3

#	ARTICLE	IF	CITATIONS
19	Analysis of the Effect of the Length of Stop-Spacing on the Transport Efficiency of a Typically Formed Conventional Locomotive Hauled Passenger Train in China. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-9.	1.1	2
20	Reducing average comprehensive travel cost by rationally allocating trips to different travel modes. <i>Transportation Planning and Technology</i> , 2017, 40, 679-688.	2.0	2
21	Mitigating errors of predicted delays of a train at neighbouring stops. <i>IET Intelligent Transport Systems</i> , 2020, 14, 873-879.	3.0	2
22	Influence of Inter-Stop Transport Distances of a Freight Train upon Its Traction Energy Cost Intensities for Different Target Speeds. <i>International Journal of U- and E- Service, Science and Technology</i> , 2014, 8, 35-44.	0.1	1
23	Improve connections of the last transport services in metro by a new space-time bicriteria optimization method. <i>Journal of Transportation Safety and Security</i> , 2019, , 1-21.	1.6	1
24	Bus Route Design with a Bayesian Network Analysis of Bus Service Revenues. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-8.	1.1	0
25	Exploring the Effect of Inter-Stop Transport Distances on Traction Energy Cost Intensities of Freight Trains. , 2013, , 45-50.		0
26	Effect of Passenger Capacity Utilization Rate of a Train on Its Energy Cost Intensity and Passenger Transport Efficiency in View of Its Target Speed. , 2015, , 1029-1033.		0