Baohua Mao

List of Publications by Year
in descending order

15 papers	229 citations	1163117 8 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	257 citing authors

#	Article	IF	Citations
1	Timetable synchronization of last trains for urban rail networks with maximum accessibility. Transportation Research Part C: Emerging Technologies, 2019, 99, 110-129.	7.6	50
2	Energy-Efficient Locomotive Operation for Chinese Mainline Railways by Fuzzy Predictive Control. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 938-948.	8.0	47
3	Integrated Optimization on Train Control and Timetable to Minimize Net Energy Consumption of Metro Lines. Journal of Advanced Transportation, 2018, 2018, 1-19.	1.7	33
4	Integrated Optimization of Train Stop Planning and Scheduling on Metro Lines With Express/Local Mode. IEEE Access, 2019, 7, 88534-88546.	4.2	23
5	Multi-Depot Vehicle Routing Optimization Considering Energy Consumption for Hazardous Materials Transportation. Sustainability, 2018, 10, 3519.	3.2	14
6	Optimizing the Energy-Efficient Metro Train Timetable and Control Strategy in Off-Peak Hours with Uncertain Passenger Demands. Energies, 2017, 10, 436.	3.1	13
7	Optimal Coordination of Last Trains for Maximum Transfer Accessibility with Heterogeneous Walking Time. Journal of Advanced Transportation, 2019, 2019, 1-13.	1.7	11
8	Station Stopping of Freight Trains with Pneumatic Braking. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	8
9	An Arterial Signal Coordination Optimization Model for Trams Based on Modified AM-BAND. Discrete Dynamics in Nature and Society, 2016, 2016, 1-10.	0.9	7
10	Weighted Complex Network Analysis of the Different Patterns of Metro Traffic Flows on Weekday and Weekend. Discrete Dynamics in Nature and Society, 2016, 2016, 1-10.	0.9	7
11	Equity-Oriented Train Timetabling with Collaborative Passenger Flow Control: A Spatial Rebalance of Service on an Oversaturated Urban Rail Transit Line. Journal of Advanced Transportation, 2020, 2020, 1-17.	1.7	6
12	An Estimation Model on Electricity Consumption of New Metro Stations. Journal of Advanced Transportation, 2020, 2020, 1-11.	1.7	5
13	Modeling and simulation on multi-mode transportation network. , 2010, , .		2
14	Theory and Simulation for Traffic Characteristics on the Highway with a Slowdown Section. Computational Intelligence and Neuroscience, 2015, 2015, 1-8.	1.7	2
15	Research on Bus Signal Priority Strategy for Urban Arteries Based on Real-Time Vehicle Queuing Detection. , 2019, , .		1