

Hongsheng Qi

List of Publications by Year in descending order

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15
papers

156
citations

1307594

7
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1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction Model of Bus Arrival Time at Signalized Intersection Using GPS Data. <i>Journal of Transportation Engineering</i> , 2012, 138, 12-20.	0.9	49
2	Estimation of delay variability at signalized intersections for urban arterial performance evaluation. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2017, 21, 94-110.	4.2	27
3	Coordinated Intersection Signal Design for Mixed Traffic Flow of Human-Driven and Connected and Autonomous Vehicles. <i>IEEE Access</i> , 2020, 8, 26067-26084.	4.2	19
4	Real-time headway state identification and saturation flow rate estimation: a hidden Markov Chain model. <i>Transportmetrica A: Transport Science</i> , 2020, 16, 840-864.	2.0	12
5	Location-Dependent Lane-Changing Behavior for Arterial Road Traffic. <i>Networks and Spatial Economics</i> , 2014, 14, 67-89.	1.6	9
6	Monte Carlo Tree Search-Based Mixed Traffic Flow Control Algorithm for Arterial Intersections. <i>Transportation Research Record</i> , 2020, 2674, 167-178.	1.9	8
7	Tracing Road Network Bottleneck by Data Driven Approach. <i>PLoS ONE</i> , 2016, 11, e0156089.	2.5	8
8	Graphical Solution for Arterial Road Traffic Flow Model Considering Spillover. <i>IEEE Access</i> , 2018, 6, 6755-6764.	4.2	5
9	Spatial-Temporal Congestion Identification Based on Time Series Similarity Considering Missing Data. <i>PLoS ONE</i> , 2016, 11, e0162043.	2.5	4
10	Recurrent and non-recurrent bottleneck analysis based on traffic state rank distribution. <i>Transportmetrica B</i> , 2019, 7, 275-294.	2.3	4
11	Intersection traffic deadlock formation and its probability: A petri net-based modeling approach. <i>IET Intelligent Transport Systems</i> , 2022, 16, 1342-1363.	3.0	4
12	A link traffic model by incorporating both merits of vertical and Horizontal Queue Concept. <i>KSCE Journal of Civil Engineering</i> , 2013, 17, 1117-1129.	1.9	3
13	Behaviour of channelized section spillover: a numerical simulation study. <i>Transportmetrica A: Transport Science</i> , 2019, 15, 824-848.	2.0	2
14	Road Intersection Optimization Considering Spatial-Temporal Interactions Among Turning Movement Spillovers. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 4291-4304.	8.0	2
15	Designing Vehicle Turning Restrictions Based on the Dual Graph Technique. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-11.	1.1	0