Hongsheng Qi

List of Publications by Year
in descending order

15 papers	156 citations	1307594 7 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	184 citing authors

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