

Zhongren Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

290
citations

8
h-index

16
g-index

30
ext. papers

352
ext. citations

2.3
avg, IF

3.43
L-index

#	Paper	IF	Citations
25	DSRC versus 4G-LTE for Connected Vehicle Applications: A Study on Field Experiments of Vehicular Communication Performance. <i>Journal of Advanced Transportation</i> , 2017 , 2017, 1-10	1.9	114
24	Methodology for Measuring Recurrent and Nonrecurrent Traffic Congestion. <i>Transportation Research Record</i> , 2004 , 1867, 60-68	1.7	36
23	Truck acceleration behavior study and acceleration lane length recommendations for metered on-ramps. <i>International Journal of Transportation Science and Technology</i> , 2016 , 5, 93-102	3.3	25
22	Vehicle Speed and Acceleration Profile Study for Metered On-Ramps in California. <i>Journal of Transportation Engineering</i> , 2016 , 142, 04015046		17
21	Impacts of traffic flow arrival pattern on the necessary queue storage space at metered on-ramps. <i>Transportmetrica A: Transport Science</i> , 2018 , 14, 543-561	2.5	12
20	An Empirical Evaluation of the Loop Detector Method for Travel Time Delay Estimation. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2005 , 9, 161-174	3.2	12
19	Recommendations for Acceleration Lane Length for Metered On-Ramps. <i>Transportation Research Record</i> , 2016 , 2588, 1-11	1.7	10
18	Feasibility of Using a Constant Acceleration Rate for Freeway Entrance Ramp Acceleration Lane Length Design. <i>Journal of Transportation Engineering Part A: Systems</i> , 2018 , 144, 06017001	1.5	8
17	Queue Storage Design for Metered On-Ramps. <i>International Journal of Transportation Science and Technology</i> , 2013 , 2, 47-63	3.3	8
16	Acceleration Characteristics at Metered On-Ramps. <i>Transportation Research Record</i> , 2015 , 2484, 1-9	1.7	7
15	Developing a car-following model with consideration of driver's behavior based on an Adaptive Neuro-Fuzzy Inference System. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 30, 461-466	1.6	7
14	Impact of On-Ramp Traffic Flow Arrival Profile on Queue Length at Metered On-Ramps. <i>Journal of Transportation Engineering Part A: Systems</i> , 2019 , 145, 04018087	1.5	6
13	Using Floating Cars to Measure Travel Time Delay: How Accurate Is the Method?. <i>Transportation Research Record</i> , 2004 , 1870, 84-93	1.7	5
12	Influence of Joints on Ride Quality and Roughness Index. <i>Road Materials and Pavement Design</i> , 2008 , 9, 111-121	2.6	4
11	Field based model for pedestrian dynamics. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018 , 2018, 033401	1.9	3
10	Dynamic translation for virtual machine based traffic simulation. <i>Simulation Modelling Practice and Theory</i> , 2014 , 47, 248-258	3.9	3
9	Effect of Narrowing Traffic Lanes on Pavement Damage. <i>International Journal of Pavement Engineering</i> , 2003 , 4, 177-180	2.6	3

8	Geometric design of metered on-ramps: state-of-the-practice and remaining challenges. <i>Transportation Letters</i> , 2020 , 12, 649-658	2.1	3
7	Development of a Computer System for Simulation of Traffic Models. <i>Journal of Computing in Civil Engineering</i> , 2014 , 28, 223-231	5	2
6	A Comparison of Floating Car vs. Loop Detector Estimated Freeway Travel Time Delay. <i>International Journal of Transportation Science and Technology</i> , 2012 , 1, 147-169	3.3	1
5	A Critique on the Highway Vertical Curve Design Specifications in China 2010 ,		1
4	New approach to determine number of lanes on freeway upgrades. <i>Canadian Journal of Civil Engineering</i> , 2008 , 35, 1033-1041	1.3	1
3	Initial Classification Algorithm for Pavement Distress Images Using Features Fusion. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 418-427	0.5	1
2	Passing Segment Length Determination on Two-Lane Highways. <i>Transportation Research Procedia</i> , 2017 , 25, 491-496	2.4	0
1	The Sight Distance Issues with Retrofitted Single-Lane HOV Facilities. <i>International Journal of Transportation Science and Technology</i> , 2013 , 2, 149-157	3.3	0