

Xu Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1915878/publications.pdf>

Version: 2024-02-01

21
papers

115
citations

1478280

6
h-index

1474057

9
g-index

21
all docs

21
docs citations

21
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	A micro-simulation study on proactive coordinated ramp metering for relieving freeway congestion. Canadian Journal of Civil Engineering, 2016, 43, 599-608.	0.7	12
2	Optimal Ramp Metering Control for Weaving Segments Considering Dynamic Weaving Capacity Estimation. Journal of Transportation Engineering, 2014, 140, 04014057.	0.9	11
3	Evaluation of the effectiveness of auditory speeding warnings for commercial passenger vehicles â€œa field study in Wuhan, China. IET Intelligent Transport Systems, 2015, 9, 467-476.	1.7	10
4	Online Method to Impute Missing Loop Detector Data for Urban Freeway Traffic Control. Transportation Research Record, 2016, 2593, 37-46.	1.0	9
5	Implementation of Variable Speed Limits: Preliminary Test on Whitemud Drive, Edmonton, Canada. Journal of Transportation Engineering, 2016, 142, .	0.9	8
6	Active Warning System for Highway-Rail Grade Crossings Using Connected Vehicle Technologies. Journal of Advanced Transportation, 2019, 2019, 1-11.	0.9	8
7	Capacity Estimation for Weaving Segments Using a Lane-Changing Model. Transportation Research Record, 2014, 2461, 94-102.	1.0	6
8	Integrated variable speed limit and ramp metering control study on flow interaction between mainline and ramps. Advances in Mechanical Engineering, 2019, 11, 168781401983191.	0.8	6
9	Driving behavior and safety analysis at OSMS section for merged, one-way freeway based on simulated driving safety analysis of driving behaviour. PLoS ONE, 2020, 15, e0228238.	1.1	6
10	The safety effect of open-median management on one-side widened freeways: A driving simulation evaluation. Journal of Safety Research, 2020, 73, 57-67.	1.7	6
11	Sensitivity Analysis of Freeway Capacity at a Complex Weaving Segment. , 2014, , .		5
12	Comparison of queue estimation accuracy by shockwave-based and input-output-based models. , 2014, , .		5
13	The safety effect of traffic signs for median openings on one-side-widened freeways. Safety Science, 2021, 144, 105445.	2.6	5
14	Applicability Analysis of an Extended METANET Model in Traffic-State Prediction for Congested Freeway Corridors. Journal of Transportation Engineering Part A: Systems, 2018, 144, .	0.8	4
15	Method for Imputing Missing Data using Online Calibration for Urban Freeway Control. Transportation Research Record, 2018, 2672, 44-54.	1.0	3
16	A Double-Layered Belief Rule Base Model for Driving Anger Detection Using Human, Vehicle, and Environment Characteristics: A Naturalistic Experimental Study. Computational Intelligence and Neuroscience, 2022, 2022, 1-17.	1.1	3
17	Effect of speed limits at speed transition zones. Canadian Journal of Civil Engineering, 2017, 44, 10-17.	0.7	2
18	A Geostatistical Investigation into the Effective Spatiotemporal Coverage of Road Weather Information Systems in Alberta, Canada. Journal of Advanced Transportation, 2018, 2018, 1-11.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Improved DTTE Method for Route-Level Travel Time Estimation on Freeways. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	2
20	A comparative study on numerical optimization techniques for Model Predictive Variable Speed Limit control. , 2014, , .		1
21	Verification tests for the behavioural theory of multi-lane traffic flow at a weaving segment. , 2017, , .		1