Xinguo Jiang

List of Publications by Year
in descending order

		840585	940416
28 papers	290 citations	11 h-index	16 g-index
28 all docs	28 docs citations	28 times ranked	234 citing authors

#	ARTICLE	IF	CITATIONS
1	An ensemble machine learning method for crash responsibility assignment in quasi-induced exposure theory. Journal of Transportation Safety and Security, 2023, 15, 24-42.	1.1	1
2	Spatial point pattern analysis of traffic violations in Luzhou City, China. Transportation Letters, 2022, 14, 1162-1171.	1.8	8
3	Bayesian networks for imbalance data to investigate the contributing factors to fatal injury crashes on the Ghanaian highways. Accident Analysis and Prevention, 2021, 150, 105936.	3.0	13
4	Exploring the spatiotemporal correlation among traffic crashes on arterials with signal coordination. Transportmetrica A: Transport Science, 2021, 17, 1342-1360.	1.3	1
5	Validating the underlying assumption of quasi-induced exposure technique disaggregated by crash injury severity. Journal of Safety Research, 2021, 76, 197-204.	1.7	4
6	Examining the underlying exposures of hit-and-run and non-hit-and-run crashes. Journal of Transport and Health, 2021, 20, 100995.	1.1	5
7	Ensemble-based model selection for imbalanced data to investigate the contributing factors to multiple fatality road crashes in Ghana. Accident Analysis and Prevention, 2021, 151, 105851.	3.0	11
8	Operational factor analysis of the aggressive taxi speeders using random parameters Bayesian LASSO modeling approach. Accident Analysis and Prevention, 2021, 157, 106183.	3.0	23
9	Examining the factors influencing the injury severity of crashes on arterials with signal coordination. Journal of Transportation Safety and Security, 2020, 12, 1182-1203.	1.1	8
10	Safety Evaluation of Arterials under Signal Coordination Considering the Correlated Heterogeneity and Multivariate Spatial Correlation. Journal of Transportation Engineering Part A: Systems, 2020, 146, 04020001.	0.8	4
11	Novel Three-Stage Framework for Prioritizing and Selecting Feature Variables for Short-Term Metro Passenger Flow Prediction. Transportation Research Record, 2020, 2674, 192-205.	1.0	6
12	Increasing Robustness by Reallocating the Margins in the Timetable. Journal of Advanced Transportation, 2019, 2019, 1-15.	0.9	7
13	Assessing the impacts of signal coordination on the crash risks of various driving cohorts. Journal of Safety Research, 2019, 70, 79-87.	1.7	11
14	Vehicle Miles Traveled Estimation Based on Taxi GPS Data: A Case Study in Nanjing, China. Smart Innovation, Systems and Technologies, 2019, , 320-327.	0.5	0
15	Optimizing the draft passenger train timetable based on node importance in a railway network. Transportation Letters, 2019, 11, 20-32.	1.8	12
16	Modeling and evaluating FAIR highway performance and policy options. Transport Policy, 2016, 48, 156-168.	3.4	8
17	Safety evaluation of signalized intersections with left-turn waiting area in China. Accident Analysis and Prevention, 2016, 95, 461-469.	3.0	25
18	Differences in Injury Severities Between 2-Vehicle and 3-Vehicle Crashes. Traffic Injury Prevention, 2015, 16, 289-297.	0.6	4

#	Article	IF	Citations
19	A comprehensive review on the quasi-induced exposure technique. Accident Analysis and Prevention, 2014, 65, 36-46.	3.0	27
20	Issues with using police citations to assign responsibility in quasi-induced exposure. Safety Science, 2012, 50, 1133-1140.	2.6	22
21	U.S. National Household Travel Survey Used to Validate Exposure Estimates by the Quasi-Induced Exposure Technique. Transportation Research Record, 2011, 2237, 152-159.	1.0	11
22	Exposure-based assessment of the effectiveness of Michigan's graduated driver licensing nighttime driving restriction. Safety Science, 2011, 49, 484-490.	2.6	12
23	The Application of Support Vector Machines (SVM) for Traffic Condition Prediction Using ITS Data. , 2010, , .		1
24	A review of the validity of the underlying assumptions of quasi-induced exposure. Accident Analysis and Prevention, 2010, 42, 1352-1358.	3.0	42
25	Difficulties with quasi-induced exposure when speed varies systematically by vehicle type. Accident Analysis and Prevention, 2007, 39, 649-656.	3.0	19
26	Examining the causal effects of distracted driving on crash injury severities. Journal of Transportation Safety and Security, 0, , 1-20.	1.1	4
27	Short-Term Metro Ridership Prediction During Unplanned Events. Transportation Research Record, 0, , 036119812110375.	1.0	1
28	Reliability analysis of motorcycle crash severity outcomes: Consideration of model selection uncertainty. Traffic Injury Prevention, 0, , 1-7.	0.6	0