

# Xinguo Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

290  
citations

840119

11  
h-index

940134

16  
g-index

28  
all docs

28  
docs citations

28  
times ranked

234  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the validity of the underlying assumptions of quasi-induced exposure. Accident Analysis and Prevention, 2010, 42, 1352-1358.	3.0	42
2	A comprehensive review on the quasi-induced exposure technique. Accident Analysis and Prevention, 2014, 65, 36-46.	3.0	27
3	Safety evaluation of signalized intersections with left-turn waiting area in China. Accident Analysis and Prevention, 2016, 95, 461-469.	3.0	25
4	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
5	Issues with using police citations to assign responsibility in quasi-induced exposure. Safety Science, 2012, 50, 1133-1140.	2.6	22
6	Difficulties with quasi-induced exposure when speed varies systematically by vehicle type. Accident Analysis and Prevention, 2007, 39, 649-656.	3.0	19
7	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
8	Exposure-based assessment of the effectiveness of Michigan's graduated driver licensing nighttime driving restriction. Safety Science, 2011, 49, 484-490.	2.6	12
9	Optimizing the draft passenger train timetable based on node importance in a railway network. Transportation Letters, 2019, 11, 20-32.	1.8	12
10	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
11	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
12	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
13	Modeling and evaluating FAIR highway performance and policy options. Transport Policy, 2016, 48, 156-168.	3.4	8
14	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
15	Spatial point pattern analysis of traffic violations in Luzhou City, China. Transportation Letters, 2022, 14, 1162-1171.	1.8	8
16	Increasing Robustness by Reallocating the Margins in the Timetable. Journal of Advanced Transportation, 2019, 2019, 1-15.	0.9	7
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Differences in Injury Severities Between 2-Vehicle and 3-Vehicle Crashes. <i>Traffic Injury Prevention</i> , 2015, 16, 289-297.	0.6	4
20	Safety Evaluation of Arterials under Signal Coordination Considering the Correlated Heterogeneity and Multivariate Spatial Correlation. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, 04020001.	0.8	4
21	Validating the underlying assumption of quasi-induced exposure technique disaggregated by crash injury severity. <i>Journal of Safety Research</i> , 2021, 76, 197-204.	1.7	4
22	Examining the causal effects of distracted driving on crash injury severities. <i>Journal of Transportation Safety and Security</i> , 0, , 1-20.	1.1	4
23	The Application of Support Vector Machines (SVM) for Traffic Condition Prediction Using ITS Data. , 2010, , .		1
24	Exploring the spatiotemporal correlation among traffic crashes on arterials with signal coordination. <i>Transportmetrica A: Transport Science</i> , 2021, 17, 1342-1360.	1.3	1
25	Short-Term Metro Ridership Prediction During Unplanned Events. <i>Transportation Research Record</i> , 0, , 036119812110375.	1.0	1
26	An ensemble machine learning method for crash responsibility assignment in quasi-induced exposure theory. <i>Journal of Transportation Safety and Security</i> , 2023, 15, 24-42.	1.1	1
27	Vehicle Miles Traveled Estimation Based on Taxi GPS Data: A Case Study in Nanjing, China. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 320-327.	0.5	0
28	Reliability analysis of motorcycle crash severity outcomes: Consideration of model selection uncertainty. <i>Traffic Injury Prevention</i> , 0, , 1-7.	0.6	0