Xudong Jia

List of Publications by Year
in descending order

14 papers	187 citations	1163117 8 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	179 citing authors

#	Article	IF	Citations
1	Alternative multivariate multimodal crash frequency models. Journal of Transportation Safety and Security, 2020, 12, 628-652.	1.6	2
2	Comparative evaluation of temporal correlation treatment in crash frequency modelling. Transportmetrica A: Transport Science, 2018, 14, 615-633.	2.0	11
3	Multimodal crash frequency modeling: Multivariate space-time models with alternate spatiotemporal interactions. Accident Analysis and Prevention, 2018, 113, 159-170.	5.7	33
4	Ranking cities for safety investigation by potential for safety improvement. Journal of Transportation Safety and Security, 2018, 10, 345-366.	1.6	8
5	Investigation of hit-and-run crash occurrence and severity using real-time loop detector data and hierarchical Bayesian binary logit model with random effects. Traffic Injury Prevention, 2018, 19, 207-213.	1.4	20
6	Comprehensive Assessment of Temporal Treatments in Crash Prediction Models. Transportation Research Record, 2018, 2672, 93-104.	1.9	3
7	New Microscopic Dynamic Model for Bicyclistsâ€™ Riding Strategies. Journal of Transportation Engineering Part A: Systems, 2018, 144, .	1.4	9
8	An empirical evaluation of multivariate spatial crash frequency models. Accident Analysis and Prevention, 2018, 119, 290-306.	5.7	6
9	Comparison of Multivariate Poisson lognormal spatial and temporal crash models to identify hot spots of intersections based on crash types. Accident Analysis and Prevention, 2017, 99, 330-341.	5.7	50
10	Use of entropy to analyze level of service of dedicated bike lanes in China. Advances in Mechanical Engineering, 2017, 9, 168781401771185.	1.6	6
11	Predicting Driver Behavior during the Yellow Interval Using Video Surveillance. International Journal of Environmental Research and Public Health, 2016, 13, 1213.	2.6	12
12	Exploring an Alternative Method of Hazardous Location Identification: Using Accident Count and Accident Reduction Potential Jointly. Journal of Transportation Safety and Security, 2015, 7, 40-55.	1.6	7
13	An Examination of the Endogeneity of Speed Limits and Accident Counts in Crash Models. Journal of Transportation Safety and Security, 2013, 5, 314-326.	1.6	7
14	ARO: Geographic Information Systems-Based System for Optimizing Airport Runway Orientation. Journal of Transportation Engineering, 2004, 130, 555-559.	0.9	13