

Xudong Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1394907/publications.pdf>

Version: 2024-02-01

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