

Gurdiljot Singh Gill

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

329
citations

1040056

9
h-index

839539

18
g-index

25
all docs

25
docs citations

25
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting motorcycle crash injury severity using weather data and alternative Bayesian multivariate crash frequency models. <i>Accident Analysis and Prevention</i> , 2017, 108, 172-180.	5.7	70
2	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
3	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
4	Bayesian spatiotemporal crash frequency models with mixture components for space-time interactions. <i>Accident Analysis and Prevention</i> , 2018, 112, 84-93.	5.7	32
5	Perceived safety and experienced incidents between pedestrians and cyclists in a high-volume non-motorized shared space. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 4, 100094.	2.7	22
6	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
7	Evaluating Influence of Neighboring Structures on Spatial Crash Frequency Modeling and Site-Ranking Performance. <i>Transportation Research Record</i> , 2017, 2659, 117-126.	1.9	16
8	Exploring the modeling and site-ranking performance of Bayesian spatiotemporal crash frequency models with mixture components. <i>Accident Analysis and Prevention</i> , 2020, 135, 105357.	5.7	14
9	Comparative evaluation of temporal correlation treatment in crash frequency modelling. <i>Transportmetrica A: Transport Science</i> , 2018, 14, 615-633.	2.0	11
10	Investigating relationships among perceptions of yielding, safety, and comfort for pedestrians in unsignalized crosswalks. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2022, 85, 179-194.	3.7	9
11	Use of Bivariate Dirichlet Process Mixture Spatial Model to Estimate Active Transportation-Related Crash Counts. <i>Transportation Research Record</i> , 2018, 2672, 105-115.	1.9	7
12	An enhanced empirical bayesian method for identifying road hotspots and predicting number of crashes. <i>Journal of Transportation Safety and Security</i> , 2019, 11, 562-578.	1.6	7
13	An empirical evaluation of multivariate spatial crash frequency models. <i>Accident Analysis and Prevention</i> , 2018, 119, 290-306.	5.7	6
14	Comparative analysis of cost-weighted site ranking using alternate distance-based neighboring structures for spatial crash frequency modeling. <i>Journal of Transportation Safety and Security</i> , 2019, 11, 79-101.	1.6	6
15	Contrasting Perspectives on the Comfort and Safety of Pedestrians Interacting with Other Road Users. <i>Transportation Research Record</i> , 2021, 2675, 33-43.	1.9	5
16	Modeling the endogeneity of lane-mean speeds and lane-speed deviations using a Bayesian structural equations approach with spatial correlation. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 116, 220-231.	4.2	4
17	Evaluation of the impact of traffic volume on site ranking. <i>Journal of Transportation Safety and Security</i> , 2018, 10, 491-505.	1.6	3
18	Comprehensive Assessment of Temporal Treatments in Crash Prediction Models. <i>Transportation Research Record</i> , 2018, 2672, 93-104.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Subject Correlation Analysis in the Fundamentals of Engineering Exams. , 2018, , .		2
20	Alternative multivariate multimodal crash frequency models. Journal of Transportation Safety and Security, 2020, 12, 628-652.	1.6	2
21	Bayesian Bivariate Semiparametric Spatial Models for Ozone and PM2.5 Emissions. Environmental Modeling and Assessment, 2021, 26, 237-249.	2.2	2
22	COMPARISON OF ADJACENCY AND DISTANCE-BASED APPROACHES FOR SPATIAL ANALYSIS OF MULTIMODAL TRAFFIC CRASH DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W7, 1157-1161.	0.2	2
23	INVESTIGATION OF ROADWAY GEOMETRIC AND TRAFFIC FLOW FACTORS FOR VEHICLE CRASHES USING SPATIOTEMPORAL INTERACTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W7, 1163-1166.	0.2	2
24	INVESTIGATION OF INFLUENTIAL FACTORS FOR BICYCLE CRASHES USING A SPATIOTEMPORAL MODEL. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W7, 1167-1171.	0.2	1
25	Applying Machine Learning Techniques to Identify the Influential Factors of Studentsâ€™ Abilities to Apply Statistics Mathematics and Engineering Knowledge. , 2018, , .		0