

Arash Khoda Bakhshi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

167
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical advantage of crossed random intercepts under Bayesian hierarchical modeling to tackle unobserved heterogeneity in clustering critical versus non-critical crashes. <i>Accident Analysis and Prevention</i> , 2021, 149, 105855.	5.7	28
2	The safety performance of connected vehicles on slippery horizontal curves through enhancing truck drivers' situational awareness: A driving simulator experiment. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021, 79, 118-138.	3.7	20
3	Safety Performance Assessment of Connected Vehicles in Mitigating the Risk of Secondary Crashes: A Driving Simulator Study. <i>Transportation Research Record</i> , 2021, 2675, 117-129.	1.9	20
4	Real-time crash prediction for a long low-traffic volume corridor using corrected-impurity importance and semi-parametric generalized additive model. <i>Journal of Transportation Safety and Security</i> , 2022, 14, 1165-1200.	1.6	18
5	Utilizing black-box visualization tools to interpret non-parametric real-time risk assessment models. <i>Transportmetrica A: Transport Science</i> , 2021, 17, 739-765.	2.0	17
6	Safety Impact of Connected Vehicles on Driver Behavior in Rural Work Zones under Foggy Weather Conditions. <i>Transportation Research Record</i> , 2022, 2676, 88-107.	1.9	15
7	Coping with endogeneity and unobserved heterogeneity in real-time clustering critical crash occurrences nested within weather and road surface conditions. <i>International Journal of Injury Control and Safety Promotion</i> , 2021, 28, 208-221.	2.0	13
8	Accounting for human-related unobserved heterogeneity in the safety performance of connected vehicles: An incorporation of Bayesian hierarchical negative binomial into simulated work zone warning application. <i>IATSS Research</i> , 2021, 45, 539-550.	3.4	12
9	Bayesian extreme value analysis of kinematic-based surrogate measure of safety to detect crash-prone conditions in connected vehicles environment: A driving simulator experiment. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 136, 103539.	7.6	12
10	Does random slope hierarchical modeling always outperform random intercept counterpart? Accounting for unobserved heterogeneity in a real-time empirical analysis of critical crash occurrence. <i>Journal of Transportation Safety and Security</i> , 2023, 15, 177-214.	1.6	8
11	Driving Simulator Trajectory-Level Analysis of Truck Drivers' Behavioral Alteration in Connected Vehicles Environment Under Fog with Complex Roadway Geometry. <i>Transportation Research Record</i> , 2022, 2676, 435-451.	1.9	4