Assessing rear-end collision risk of cars and heavy vehice safety measure

Accident Analysis and Prevention 113, 149-158

DOI: 10.1016/j.aap.2018.01.033

Citation Report

#	Article	IF	Citations
1	Investigation on the Injury Severity of Drivers in Rear-End Collisions Between Cars Using a Random Parameters Bivariate Ordered Probit Model. International Journal of Environmental Research and Public Health, 2019, 16, 2632.	1.2	131
2	Effect of Imitation Phenomenon on Two-lane Traffic Safety in Fog Weather. International Journal of Environmental Research and Public Health, 2019, 16, 3709.	1.2	6
3	Relationship between hazard-perception-test scores and proportion of hard-braking events during on-road driving $\hat{a} \in \text{``An investigation}$ using a range of thresholds for hard-braking. Accident Analysis and Prevention, 2019, 132, 105267.	3.0	17
4	Benefits of travel time savings by truck platooning in Korean freeway networks. Transport Policy, 2019, 83, 37-45.	3.4	21
5	Key feature selection and risk prediction for lane-changing behaviors based on vehicles' trajectory data. Accident Analysis and Prevention, 2019, 129, 156-169.	3.0	88
6	Estimation of heavy vehicle-involved rear-end crash potential using WIM data. Accident Analysis and Prevention, 2019, 128, 103-113.	3.0	21
7	Big Data and Road Safety: A Comprehensive Review. , 2019, , 297-343.		19
9	Increasing the efficiency of vehicle ad-hoc network to enhance the safety status of highways by artificial neural network and fuzzy inference system. Journal of Transportation Safety and Security, 2020, 12, 501-521.	1.1	9
10	An evaluation of time-to-collision as a surrogate safety measure and a proposal of a new method for its application in safety analysis. Transportation Letters, 2020, 12, 491-500.	1.8	25
11	Safety Analysis of a Modified Cooperative Adaptive Cruise Control Algorithm Accounting for Communication Delay. Sustainability, 2020, 12, 7568.	1.6	10
12	Analyses on the heterogeneity of carâ€following behaviour: evidence from a crossâ€cultural driving simulator study. IET Intelligent Transport Systems, 2020, 14, 834-841.	1.7	6
13	A new method of temporal and spatial risk estimation for lane change considering conventional recognition defects. Accident Analysis and Prevention, 2020, 148, 105796.	3.0	21
14	Analyzing injury severity of rear-end crashes involving large trucks using a mixed logit model: A case study in North Carolina. Journal of Transportation Safety and Security, 2022, 14, 723-736.	1.1	11
15	Prediction of Fatal and Major Injury of Drivers, Cyclists, and Pedestrians in Collisions. Promet - Traffic - Traffico, 2020, 32, 39-53.	0.3	2
16	Crash Risk Assessment for Heterogeneity Traffic and Different Vehicle-Following Patterns Using Microscopic Traffic Flow Data. Sustainability, 2020, 12, 9888.	1.6	5
17	Effects of Partial Sleep Deprivation on Braking Response of Drivers in Hazard Scenarios. Accident Analysis and Prevention, 2020, 142, 105545.	3.0	21
18	Calculating dynamic thresholds for critical time to collision as a safety measure. Proceedings of the Institution of Civil Engineers: Transport, 2022, 175, 403-412.	0.3	2
19	Behavior Analysis of Active and Proactive Headrest during Low-Velocity Rear-End Collisions. Applied Sciences (Switzerland), 2020, 10, 1451.	1.3	O

#	Article	IF	CITATIONS
20	A Novel PCA-Firefly Based XGBoost Classification Model for Intrusion Detection in Networks Using GPU. Electronics (Switzerland), 2020, 9, 219.	1.8	229
21	An improved vehicle-pedestrian near-crash identification method with a roadside LiDAR sensor. Journal of Safety Research, 2020, 73, 211-224.	1.7	26
22	A longitudinal car-following risk assessment model based on risk field theory for autonomous vehicles. International Journal of Transportation Science and Technology, 2021, 10, 60-68.	2.0	10
23	Modeling traffic conflicts for use in road safety analysis: A review of analytic methods and future directions. Analytic Methods in Accident Research, 2021, 29, 100142.	4.7	92
24	Understanding the effects of vehicle platoons on crash type and severity. Accident Analysis and Prevention, 2021, 149, 105858.	3.0	21
25	Introducing novel statistical-based method of screening and combining currently well-known surrogate safety measures. Transportation Letters, 2022, 14, 385-395.	1.8	8
26	Steel and Hybrid Bus Safety Frame: The Analysis of Deformation. Lecture Notes in Networks and Systems, 2021, , 431-440.	0.5	1
27	A comparison of experienced and novice drivers' rear-end collision avoidance maneuvers under urgent decelerating events. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 76, 353-368.	1.8	19
28	Connected vehicle-based road safety information system (CROSS): Framework and evaluation. Accident Analysis and Prevention, 2021, 151, 105972.	3.0	10
29	Brake-Vision: A Machine Vision-Based Inference Approach of Vehicle Braking Detection for Collision Warning Oriented System., 2021,,.		7
30	Reliability-Based Assessment of Potential Risk for Lane-Changing Maneuvers. Transportation Research Record, 2021, 2675, 161-173.	1.0	5
31	Sleep-deprived car-following: Indicators of rear-end crash potential. Accident Analysis and Prevention, 2021, 156, 106123.	3.0	15
32	Applying different analytic methods to determine black spots in two-lane highways. Journal of Transportation Safety and Security, 0, , 1-24.	1.1	1
33	A review of naturalistic driving study surrogates and surrogate indicator viability within the context of different road geometries. Accident Analysis and Prevention, 2021, 157, 106185.	3.0	12
34	Determining an Improved Traffic Conflict Indicator for Highway Safety Estimation Based on Vehicle Trajectory Data. Sustainability, 2021, 13, 9278.	1.6	5
35	Integrating safety into the fundamental relations of freeway traffic flows: A conflict-based safety assessment framework. Analytic Methods in Accident Research, 2021, 32, 100187.	4.7	15
36	A Context-Aware Framework for Risky Driving Behavior Evaluation Based on Trajectory Data. IEEE Intelligent Transportation Systems Magazine, 2023, 15, 70-83.	2.6	9
37	Fall Detection Using Multimodal Data. Lecture Notes in Computer Science, 2022, , 392-403.	1.0	1

3

#	ARTICLE	IF	CITATIONS
38	Review of traffic safety evaluation at T-intersections using surrogate safety measures in developing countries context. IATSS Research, 2022, 46, 307-321.	1.8	15
39	A matched case-control method to model car-following safety. Transportmetrica A: Transport Science, 2023, 19, .	1.3	4
40	Applying an interpretable machine learning framework to the traffic safety order analysis of expressway exits based on aggregate driving behavior data. Physica A: Statistical Mechanics and Its Applications, 2022, 597, 127277.	1.2	11
41	Exploring the impacts of traffic flow states on freeway normal crashes, primary crashes, and secondary crashes. IET Intelligent Transport Systems, 0, , .	1.7	1
42	Exploring the Impact of Damping on Connected and Autonomous Vehicle Platoon Safety with Cacc. SSRN Electronic Journal, 0, , .	0.4	0
43	Random-Parameter Bayesian Hierarchical Extreme Value Modeling Approach with Heterogeneity in Means and Variances for Traffic Conflict–Based Crash Estimation. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	17
44	Exploring the impact of damping on Connected and Autonomous Vehicle platoon safety with CACC. Physica A: Statistical Mechanics and Its Applications, 2022, 607, 128181.	1.2	9
45	Modeling Urban Freeway Rear-End Collision Risk Using Machine Learning Algorithms. Sustainability, 2022, 14, 12047.	1.6	5
46	Including network level safety measures in eco-routing. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 0 , , 1 -14.	2.6	3
47	Impact of Driver Behavior and Vehicle Type on Safety of Vehicle Platoon Under Lane Change Situation. Transportation Research Record, 0, , 036119812211272.	1.0	0
48	Differential variable speed limits to improve performance and safety of car-truck mixed traffic on freeways. Journal of Traffic and Transportation Engineering (English Edition), 2022, 9, 1003-1016.	2.0	1
49	Physics-informed multi-step real-time conflict-based vehicle safety prediction. Accident Analysis and Prevention, 2023, 182, 106965.	3.0	6
50	The difference in quasi-induced exposure to crashes involving various hazardous driving actions. PLoS ONE, 2023, 18, e0279387.	1.1	0
51	Modelling and Mitigating Secondary Crash Risk for Serial Tunnels on Freeway via Lighting-Related Microscopic Traffic Model with Inter-Lane Dependency. International Journal of Environmental Research and Public Health, 2023, 20, 3066.	1.2	2
52	A revise on using surrogate safety measures for rear-end crashes. IATSS Research, 2023, 47, 105-120.	1.8	1
58	Analysis of the factors influencing the severity of straight-left conflicts under left turn permit phase. , 2024, , .		O