Highway crash detection and risk estimation using dee

Citation Report

#	ARTICLE	IF	CITATIONS
1	Development of a Binary Classification Model to Assess Safety in Transportation Systems Using GMDH-Type Neural Network Algorithm. Sustainability, 2020, 12, 6735.	1.6	26
2	Real-time crash prediction on expressways using deep generative models. Transportation Research Part C: Emerging Technologies, 2020, 117, 102697.	3.9	92
3	Automated traffic incident detection with a smaller dataset based on generative adversarial networks. Accident Analysis and Prevention, 2020, 144, 105628.	3.0	69
4	A Deep Learning Approach Towards Railway Safety Risk Assessment. IEEE Access, 2020, 8, 102811-102832.	2.6	35
5	A Hybrid Method for Traffic Incident Detection Using Random Forest-Recursive Feature Elimination and Long Short-Term Memory Network With Bayesian Optimization Algorithm. IEEE Access, 2021, 9, 1219-1232.	2.6	15
6	Sensors and Data Driven Approaches in Transport. , 2021, , 426-431.		0
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8	Risk evaluation of traffic standstills on winter roads using a state space model. Transportation Research Part C: Emerging Technologies, 2021, 125, 103005.	3.9	3
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10	A deep learning based traffic crash severity prediction framework. Accident Analysis and Prevention, 2021, 154, 106090.	3.0	75
11	Using SHRP2 NDS data to examine infrastructure and other factors contributing to older driver crashes during left turns at signalized intersections. Accident Analysis and Prevention, 2021, 156, 106141.	3.0	9
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16	Trajectory-level fog detection based on in-vehicle video camera with TensorFlow deep learning utilizing SHRP2 naturalistic driving data. Accident Analysis and Prevention, 2020, 142, 105521.	3.0	26
17	Predicting Equivalent Water Thickness in Wheat Using UAV Mounted Multispectral Sensor through Deep Learning Techniques. Remote Sensing, 2021, 13, 4476.	1.8	7
18	Enhanced VGG19 Model for Accident Detection and Classification from Video. , 2021, , .		2

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19	Bayesian extreme value analysis of kinematic-based surrogate measure of safety to detect crash-prone conditions in connected vehicles environment: A driving simulator experiment. Transportation Research Part C: Emerging Technologies, 2022, 136, 103539.	3.9	12
20	Bayesian dynamic extreme value modeling for conflict-based real-time safety analysis. Analytic Methods in Accident Research, 2022, 34, 100204.	4.7	37
21	Automatic Traffic Accident Detection System Using ResNet and SVM. , 2020, , .		5
23	Fatality Prediction for Motor Vehicle Collisions: Mining Big Data Using Deep Learning and Ensemble Methods. IEEE Open Journal of Intelligent Transportation Systems, 2022, 3, 199-209.	2.6	8
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25	Vanet€TSMA: A traffic safety management approach for smart road transportation in vehicular ad hoc networks. International Journal of Communication Systems, 2022, 35, .	1.6	8
26	On the performance evaluation of object classification models in low altitude aerial data. Journal of Supercomputing, 2022, 78, 14548-14570.	2.4	8
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28	Travel route safety estimation based on conflict simulation. Accident Analysis and Prevention, 2022, 171, 106666.	3.0	7
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32	Prediction of Risks in Intelligent Transport Systems. Lecture Notes in Networks and Systems, 2022, , 303-316.	0.5	1
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35	Machine learning based real-time prediction of freeway crash risk using crowdsourced probe vehicle data. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2024, 28, 84-102.	2.6	3
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41	Data-driven approaches for road safety: A comprehensive systematic literature review. Safety Science, 2023, 158, 105949.	2.6	12
42	A Systematic Review of Traffic Incident Detection Algorithms. Sustainability, 2022, 14, 14859.	1.6	5
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44	Identifying high crash risk segments in rural roads using ensemble decision tree-based models. Scientific Reports, 2022, 12, .	1.6	5
45	Scenario-based collision detection using machine learning for highly automated driving systems. Systems Science and Control Engineering, 2023, 11, .	1.8	0
46	Transportation Management Using IoT. Advanced Technologies and Societal Change, 2023, , 203-226.	0.8	3
47	Towards the spatial analysis of motorway safety in the connected environment by using explainable deep learning. Knowledge-Based Systems, 2023, 269, 110523.	4.0	4
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71	Object Detection for Video Surveillance Using Edge-Cloud Collaboration. , 2023, , .		0
73	Highway Debris Detection Algorithm Based on Vehicle Trajectories. , 2023, , .		0
75	Exploring and Enriching the Effect of Different Road Incidents on Traffic Spatiotemporal Characteristics. , 2023, , .		0