

Yi He

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

166
citations

1307366

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1125617

13
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15
all docs

15
docs citations

15
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Curve speed model for driver assistance based on driving style classification. IET Intelligent Transport Systems, 2017, 11, 501-510.	1.7	43
2	Visualization Analysis of Intelligent Vehicles Research Field Based on Mapping Knowledge Domain. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5721-5736.	4.7	34
3	Rollover risk assessment and automated control for heavy duty vehicles based on vehicle-€to-€infrastructure information. IET Intelligent Transport Systems, 2019, 13, 1001-1010.	1.7	15
4	Hazardous Traffic Event Detection Using Markov Blanket and Sequential Minimal Optimization (MB-SMO). Sensors, 2016, 16, 1084.	2.1	13
5	A Dynamic Rollover Prediction Index of Heavy-Duty Vehicles With a Real-Time Parameter Estimation Algorithm Using NLMS Method. IEEE Transactions on Vehicular Technology, 2022, 71, 2734-2748.	3.9	11
6	A novel feature extraction model for traffic injury severity and its application to Fatality Analysis Reporting System data analysis. Science Progress, 2020, 103, 003685041988647.	1.0	9
7	Driving Mode Decision Making for Intelligent Vehicles in Stressful Traffic Events. Transportation Research Record, 2017, 2625, 9-19.	1.0	8
8	A Probabilistic Prediction Model for the Safety Assessment of HDVs Under Complex Driving Environments. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 858-868.	4.7	7
9	Prediction of Pedestrian Crossing Behavior Based on Surveillance Video. Sensors, 2022, 22, 1467.	2.1	7
10	Visualization and Analysis of Mapping Knowledge Domain of Heterogeneous Traffic Flow. Computational Intelligence and Neuroscience, 2022, 2022, 1-15.	1.1	5
11	An Individual Driving Behavior Portrait Approach for Professional Driver of HDVs with Naturalistic Driving Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.1	4
12	Contribution of wind forces to rollover stability of heavy duty vehicle. , 2015, , .		3
13	Method for Imputing Missing Data using Online Calibration for Urban Freeway Control. Transportation Research Record, 2018, 2672, 44-54.	1.0	3
14	Probabilistic assessment for HDVs rollover using second order reliability method. , 2017, , .		2
15	Multirobot Collaborative Pursuit Target Robot by Improved MADDPG. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.1	2