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List of Publications by Year in descending order

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41
papers

865
citations

471061
17
h-index

476904
29
g-index

41
all docs

41
docs citations

41
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of New Performance Measures Based on Data Mining Weights for Hotspot Identification. Transportation Research Record, 2022, 2676, 633-647.	1.0	1
2	Ensemble-Based Methodology to Identify Optimal Personal Mobility Service Areas Using Public Data. KSCE Journal of Civil Engineering, 2022, 26, 3150-3159.	0.9	2
3	Evaluation of Direct and Indirect Safety Effects of Speed-Limit Reduction on Urban Networks. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	3
4	Evaluation and augmentation of traffic data including Bluetooth detection system on arterials. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2021, 25, 561-573.	2.6	11
5	Application of Random Effects Nonlinear Model for Analyzing Motorized and Nonmotorized Traffic Safety Performance. Journal of Transportation Engineering Part A: Systems, 2021, 147, .	0.8	5
6	Using vehicle data as a surrogate for highway accident data. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 2021, 174, 67-74.	0.4	4
7	Crash- and Simulation-Based Safety Performance Evaluation of Freeway Rest Area. Sustainability, 2021, 13, 4963.	1.6	3
8	The Evaluation of Experimental Variables for Sustainable Virtual Road Safety Audits. Sustainability, 2021, 13, 5899.	1.6	2
9	A Crash Prediction Method Based on Artificial Intelligence Techniques and Driving Behavior Event Data. Sustainability, 2021, 13, 6102.	1.6	3
10	Machine Learning-Based Models for Accident Prediction at a Korean Container Port. Sustainability, 2021, 13, 9137.	1.6	10
11	Factors affecting injury severity and the number of vehicles involved in a freeway traffic accident: investigating their heterogeneous effects by facility type using a latent class approach. International Journal of Injury Control and Safety Promotion, 2021, , 1-10.	1.0	3
12	An Algorithm for Detecting Collision Risk between Trucks and Pedestrians in the Connected Environment. Journal of Advanced Transportation, 2021, 2021, 1-9.	0.9	4
13	Effects of advanced warning information systems on secondary crash risk under connected vehicle environment. Accident Analysis and Prevention, 2020, 148, 105786.	3.0	15
14	The Impact of Legislation on Sustainability of Farm Forests in Kenya: The Case of Lugari Sub-County in Kakamega County, Kenya. Sustainability, 2020, 12, 27.	1.6	5
15	How many crashes can connected vehicle and automated vehicle technologies prevent: A meta-analysis. Accident Analysis and Prevention, 2020, 136, 105299.	3.0	87
16	Endogenous commercial driver's traffic violations and freight truck-involved crashes on mainlines of expressway. Accident Analysis and Prevention, 2019, 131, 327-335.	3.0	29
17	Consumer intentions to purchase battery electric vehicles in Korea. Energy Policy, 2019, 132, 736-743.	4.2	37
18	Influence of road lane reductions on motorised and non-motorised traffic safety. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 2019, 172, 233-238.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Influence of Multiple Freeway Design Features on Freight Traffic Safety. Journal of Advanced Transportation, 2019, 2019, 1-8.	0.9	3
20	School zone safety modeling in countermeasure evaluation and decision. Transportmetrica A: Transport Science, 2019, 15, 586-601.	1.3	8
21	Enhancing In-Vehicle Driving Assistance Information Under Connected Vehicle Environment. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3558-3567.	4.7	28
22	Developing an algorithm to assess the rear-end collision risk under fog conditions using real-time data. Transportation Research Part C: Emerging Technologies, 2018, 87, 11-25.	3.9	87
23	Effects of real-time warning systems on driving under fog conditions using an empirically supported speed choice modeling framework. Transportation Research Part C: Emerging Technologies, 2018, 86, 97-110.	3.9	39
24	A Comparative Study between Private-Sector and Automated Vehicle Identification System Data through Various Travel Time Reliability Measures. Transportation Research Record, 2018, 2672, 103-114.	1.0	0
25	Effects of crash warning systems on rear-end crash avoidance behavior under fog conditions. Transportation Research Part C: Emerging Technologies, 2018, 95, 481-492.	3.9	82
26	Time series trends of the safety effects of pavement resurfacing. Accident Analysis and Prevention, 2017, 101, 78-86.	3.0	19
27	Safety Performance of Combinations of Traffic and Roadway Cross-Sectional Design Elements at Straight and Curved Segments. Journal of Transportation Engineering Part A: Systems, 2017, 143, 04017015.	0.8	11
28	Alternative Approach for Combining Multiple Crash Modification Factors Using Adjustment Function and Analytic Hierarchy Process. Transportation Research Record, 2017, 2636, 15-22.	1.0	4
29	Developing a rear-end crash risk algorithm under fog conditions using real-time data. , 2017, , .		3
30	Safety Effects of Widening Shoulders on Rural Multilane Roads: Developing Crash Modification Functions with Multivariate Adaptive Regression Splines. Transportation Research Record, 2016, 2583, 34-41.	1.0	5
31	Evaluation of safety effectiveness of multiple cross sectional features on urban arterials. Accident Analysis and Prevention, 2016, 92, 245-255.	3.0	25
32	Use of empirical and full Bayes beforeâ€“after approaches to estimate the safety effects of roadside barriers with different crash conditions. Journal of Safety Research, 2016, 58, 31-40.	1.7	34
33	Evaluation of the Safety Effectiveness of the Conversion of Two-Lane Roadways to Four-Lane Divided Roadways. Transportation Research Record, 2015, 2515, 41-49.	1.0	21
34	Development of adjustment functions to assess combined safety effects of multiple treatments on rural two-lane roadways. Accident Analysis and Prevention, 2015, 75, 310-319.	3.0	30
35	Development of crash modification factors for changing lane width on roadway segments using generalized nonlinear models. Accident Analysis and Prevention, 2015, 76, 83-91.	3.0	49
36	Developing crash modification functions to assess safety effects of adding bike lanes for urban arterials with different roadway and socio-economic characteristics. Accident Analysis and Prevention, 2015, 74, 179-191.	3.0	59

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37	Assessment of safety effects for widening urban roadways in developing crash modification functions using nonlinearizing link functions. Accident Analysis and Prevention, 2015, 79, 80-87.	3.0	18
38	Estimating safety performance trends over time for treatments at intersections in Florida. Accident Analysis and Prevention, 2015, 80, 37-47.	3.0	21
39	Assessing the safety effects of multiple roadside treatments using parametric and nonparametric approaches. Accident Analysis and Prevention, 2015, 83, 203-213.	3.0	42
40	Exploration and comparison of crash modification factors for multiple treatments on rural multilane roadways. Accident Analysis and Prevention, 2014, 70, 167-177.	3.0	39
41	Driver Behaviour and Experience Around Automated Freight Vehicle Platoons. Proceedings of the Institution of Civil Engineers: Transport, 0, , 1-70.	0.3	2