

Quan Yuan

List of Publications by Year in descending order

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52
papers

540
citations

623574

14
h-index

677027

22
g-index

53
all docs

53
docs citations

53
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Riding Behaviors of Urban E-Bikes: A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2308.	1.2	84
2	Naked eye detection of multiple tumor-related mRNAs from patients with photonic-crystal micropattern supported dual-modal upconversion bioprobes. <i>Chemical Science</i> , 2017, 8, 466-472.	3.7	67
3	Investigation on Range Anxiety and Safety Buffer of Battery Electric Vehicle Drivers. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-11.	0.9	39
4	Investigation on occupant injury severity in rear-end crashes involving trucks as the front vehicle in Beijing area, China. <i>Chinese Journal of Traumatology - English Edition</i> , 2017, 20, 20-26.	0.7	27
5	Factor comparison of passenger-vehicle to vulnerable road user crashes in Beijing, China. <i>International Journal of Crashworthiness</i> , 2017, 22, 260-270.	1.1	26
6	The Effects of Traffic Composition on Freeway Crash Frequency by Injury Severity: A Bayesian Multivariate Spatial Modeling Approach. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-7.	0.9	24
7	Long noncoding RNA HAS2 α S1 promotes tumor progression in glioblastoma via functioning as a competing endogenous RNA. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 661-671.	1.2	24
8	The role of striking and struck vehicles in side crashes between vehicles: Bayesian bivariate probit analysis in China. <i>Accident Analysis and Prevention</i> , 2020, 134, 105324.	3.0	22
9	What factors impact injury severity of vehicle to electric bike crashes in China?. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401770054.	0.8	21
10	Investigating Spatial Autocorrelation and Spillover Effects in Freeway Crash-Frequency Data. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 219.	1.2	20
11	Drivers α TM visual-distracted take-over performance model and its application on adaptive adjustment of time budget. <i>Accident Analysis and Prevention</i> , 2021, 154, 106099.	3.0	20
12	Driver α TM's Intention Identification With the Involvement of Emotional Factors in Two-Lane Roads. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 6866-6874.	4.7	19
13	Analyzing Accident Injury Severity via an Extreme Gradient Boosting (XGBoost) Model. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-11.	0.9	16
14	Using an Auxiliary Mach α Zehnder Interferometer to Compensate for the Influence of Laser-Frequency-Drift in α -OTDR. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	15
15	An empirical investigation of the factors contributing to local-vehicle and non-local-vehicle crashes on freeway. <i>Journal of Transportation Safety and Security</i> , 2022, 14, 323-337.	1.1	14
16	Lanthanide α Doped Nanoparticles with Near α Infrared α to α Near α Infrared Luminescence for Bioimaging. <i>Chinese Journal of Chemistry</i> , 2016, 34, 558-569.	2.6	13
17	An Adaptive Time Budget Adjustment Strategy Based on a Take-Over Performance Model for Passive Fatigue. <i>IEEE Transactions on Human-Machine Systems</i> , 2022, 52, 1025-1035.	2.5	10
18	Safety evaluation for roadside crashes by vehicle α object collision simulation. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401880558.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Investigation of injury severity in urban expressway crashes: A case study from Beijing. PLoS ONE, 2020, 15, e0227869.	1.1	7
20	Hardware-in-the-Loop Simulation Platform for Autonomous Vehicle AEB Prototyping and Validation. , 2020, , .		7
21	Study of Correlation between Driver Emergency Measures and Pedestrian Injury Based on Combined Driving Simulator and Computer Simulation. Advances in Mechanical Engineering, 2013, 5, 171479.	0.8	5
22	Dihydroartemisinin beneficially regulates splenic immune cell heterogeneity through the SOD3-JNK-AP-1 axis. Science China Life Sciences, 2022, 65, 1636-1654.	2.3	5
23	Solar-Driven Overproduction of Biofuels in Microorganisms. Angewandte Chemie - International Edition, 2022, 61, .	7.2	5
24	Analysis of blockchain protocol against static adversarial miners corrupted by long delay attackers. Science China Information Sciences, 2020, 63, 1.	2.7	4
25	Impacts of built environment on travel behaviors of Generation Z: a longitudinal perspective. Transportation, 0, , 1.	2.1	4
26	Investigating injury severity of pedestrian-vehicle crashes by integrating latent class cluster analysis and unbalanced panel mixed ordered probit model. Journal of Transportation Safety and Security, 0, , 1-20.	1.1	4
27	Triblock copolymer-assisted construction of 20 nm-sized ytterbium-doped TiO2 hollow nanostructures for enhanced solar energy utilization efficiency. Science China Chemistry, 2015, 58, 850-857.	4.2	3
28	Cross-layer power allocation scheme for two-way amplify-and-forward relaying system. , 2016, , .		3
29	Contributing factors and severity of serious single-passenger vehicle collisions in Beijing. International Journal of Crashworthiness, 2016, 21, 32-40.	1.1	3
30	A Genetic Algorithm for Investment-Consumption Optimization with Value-at-Risk Constraint and Information-Processing Cost. Risks, 2019, 7, 32.	1.3	3
31	Analysis of Differences in ECG Characteristics for Different Types of Drivers under Anxiety. Advances in Civil Engineering, 2021, 2021, 1-14.	0.4	3
32	Uncertain inverse traffic accident reconstruction by combining the modified arbitrary orthogonal polynomial expansion and novel optimization technique. Forensic Science International, 2022, 333, 111213.	1.3	3
33	A pilot allocation scheme for TDD massive MIMO system enabled HetNet. , 2017, , .		2
34	Quantile Credibility Models with Common Effects. Risks, 2020, 8, 100.	1.3	2
35	Transition characteristics of driver's intentions triggered by emotional evolution in two-lane urban roads. IET Intelligent Transport Systems, 2020, 14, 1788-1798.	1.7	2
36	Bayesian multivariate spatial modeling for crash frequencies by injury severity at daytime and nighttime in traffic analysis zones. Transportation Letters, 2023, 15, 553-560.	1.8	2

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37	Cross-layer power allocation scheme for wireless full duplex relaying system. , 2016, , .		1
38	Exploring traffic safety climate with driving condition and driving behaviour: a random parameter structural equation model approach. Transportation Safety and Environment, 2021, 3, .	1.1	1
39	Influence of the Relative Position of Surrounding Traffic on Driversâ€™ Take-Over Performance. Lecture Notes in Networks and Systems, 2021, , 403-409.	0.5	1
40	Influencing factors analysis of helmet wearing for electric bicycle riders based on ordinal multinomial logistic model. Transportation Safety and Environment, 2022, 4, .	1.1	1
41	Stress Analysis on Bioprosthetic Heart Valve Leaflets with Non-Linear Material. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
42	Factor Comparison between Electric-Tricycle Crashes and Manpower-Tricycle Crashes. , 2018, , .		0
43	Contact Position Relation Between Car Bumpers and Lower Limbs of Pedestrians Involved in Crashes. Lecture Notes in Electrical Engineering, 2019, , 373-380.	0.3	0
44	Multi-dimensional Safety of Intelligent and Connected Vehicles for Future Traffic Scenarios. Lecture Notes in Electrical Engineering, 2020, , 1073-1082.	0.3	0
45	The Emergence Characteristics of Driverâ€™s Intentions Influenced by Different Emotions. Sustainability, 2021, 13, 13292.	1.6	0
46	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
47	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
48	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
49	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
50	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
51	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
52	Solarâ€driven Overproduction of Biofuels in Microorganisms. Angewandte Chemie, 0, , .	1.6	0