Quan Yuan

List of Publications by Year
in descending order

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	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
2	An empirical investigation of the factors contributing to local-vehicle and non-local-vehicle crashes on freeway. Journal of Transportation Safety and Security, 2022, 14, 323-337.	1.1	14
3	An Adaptive Time Budget Adjustment Strategy Based on a Take-Over Performance Model for Passive Fatigue. IEEE Transactions on Human-Machine Systems, 2022, 52, 1025-1035.	2.5	10
4	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
5	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
6	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
7	Solar‑Driven Overproduction of Biofuels in Microorganisms. Angewandte Chemie - International Edition, 2022, 61, .	7.2	5
8	Driver's Intention Identification With the Involvement of Emotional Factors in Two-Lane Roads. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6866-6874.	4.7	19
9	Drivers' visual-distracted take-over performance model and its application on adaptive adjustment of time budget. Accident Analysis and Prevention, 2021, 154, 106099.	3.0	20
10	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
11	Analysis of Differences in ECG Characteristics for Different Types of Drivers under Anxiety. Advances in Civil Engineering, 2021, 2021, 1-14.	0.4	3
12	Analyzing Accident Injury Severity via an Extreme Gradient Boosting (XGBoost) Model. Journal of Advanced Transportation, 2021, 2021, 1-11.	0.9	16
13	Influence of the Relative Position of Surrounding Traffic on Drivers' Take-Over Performance. Lecture Notes in Networks and Systems, 2021, , 403-409.	0.5	1
14	The Emergence Characteristics of Driver's Intentions Influenced by Different Emotions. Sustainability, 2021, 13, 13292.	1.6	0
15	Long noncoding RNA HAS2‑AS1 promotes tumor progression in glioblastoma via functioning as a competing endogenous RNA. Journal of Cellular Biochemistry, 2020, 121, 661-671.	1.2	24
16	The role of striking and struck vehicles in side crashes between vehicles: Bayesian bivariate probit analysis in China. Accident Analysis and Prevention, 2020, 134, 105324.	3.0	22
17	Quantile Credibility Models with Common Effects. Risks, 2020, 8, 100.	1.3	2
18	Analysis of blockchain protocol against static adversarial miners corrupted by long delay attackers. Science China Information Sciences, 2020, 63, 1.	2.7	4

#	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	Multi-dimensional Safety of Intelligent and Connected Vehicles for Future Traffic Scenarios. Lecture Notes in Electrical Engineering, 2020, , 1073-1082.	0.3	0
21	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
22	Hardware-in-the-Loop Simulation Platform for Autonomous Vehicle AEB Prototyping and Validation. , 2020, , .		7
23	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
24	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
25	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
26	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
27	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
28	Investigation of injury severity in urban expressway crashes: A case study from Beijing. , 2020, 15, e0227869.		0
29	Risk Riding Behaviors of Urban E-Bikes: A Literature Review. International Journal of Environmental Research and Public Health, 2019, 16, 2308.	1.2	84
30	Investigating Spatial Autocorrelation and Spillover Effects in Freeway Crash-Frequency Data. International Journal of Environmental Research and Public Health, 2019, 16, 219.	1.2	20
31	A Genetic Algorithm for Investment‐Consumption Optimization with Value-at-Risk Constraint and Information-Processing Cost. Risks, 2019, 7, 32.	1.3	3
32	Using an Auxiliary Mach‐Zehnder Interferometer to Compensate for the Influence of Laser-Frequency-Drift in Î¦-OTDR. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	15
33	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
34	Factor Comparison between Electric-Tricycle Crashes and Manpower-Tricycle Crashes. , 2018, , .		0
35	Safety evaluation for roadside crashes by vehicle‐object collision simulation. Advances in Mechanical Engineering, 2018, 10, 168781401880558.	0.8	8
36	Investigation on Range Anxiety and Safety Buffer of Battery Electric Vehicle Drivers. Journal of Advanced Transportation, 2018, 2018, 1-11.	0.9	39

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37	The Effects of Traffic Composition on Freeway Crash Frequency by Injury Severity: A Bayesian Multivariate Spatial Modeling Approach. Journal of Advanced Transportation, 2018, 2018, 1-7.	0.9	24
38	Investigation on occupant injury severity in rear-end crashes involving trucks as the front vehicle in Beijing area, China. Chinese Journal of Traumatology - English Edition, 2017, 20, 20-26.	0.7	27
39	What factors impact injury severity of vehicle to electric bike crashes in China?. Advances in Mechanical Engineering, 2017, 9, 168781401770054.	0.8	21
40	Factor comparison of passenger-vehicle to vulnerable road user crashes in Beijing, China. International Journal of Crashworthiness, 2017, 22, 260-270.	1.1	26
41	Naked eye detection of multiple tumor-related mRNAs from patients with photonic-crystal micropattern supported dual-modal upconversion bioprobes. Chemical Science, 2017, 8, 466-472.	3.7	67
42	A pilot allocation scheme for TDD massive MIMO system enabled HetNet. , 2017, , .		2
43	Lanthanideâ€Doped Nanoparticles with Nearâ€Infraredâ€toâ€Nearâ€Infrared Luminescence for Bioimaging. Chinese Journal of Chemistry, 2016, 34, 558-569.	2.6	13
44	Cross-layer power allocation scheme for two-way amplify-and-forward relaying system. , 2016, , .		3
45	Cross-layer power allocation scheme for wireless full duplex relaying system. , 2016, , .		1
46	Contributing factors and severity of serious single-passenger vehicle collisions in Beijing. International Journal of Crashworthiness, 2016, 21, 32-40.	1.1	3
47	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
48	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
49	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
50	Impacts of built environment on travel behaviors of Generation Z: a longitudinal perspective. Transportation, 0, , 1.	2.1	4
51	Investigating injury severity of pedestrianâ€"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
52	Solarâ€driven Overproduction of Biofuels inÂMicroorganisms. Angewandte Chemie, 0, , .	1.6	0