Yichuan Peng

List of Publications by Year
in descending order

		1307594	1058476
15 papers	**243** citations	**7** h-index	**14** g-index
15 all docs	**15** docs citations	**15** times ranked	**274** citing authors

#	ARTICLE	IF	CITATIONS
1	Automated pavement distress segmentation on asphalt surfaces using a deep learning network. International Journal of Pavement Engineering, 2023, 24, .	4.4	13
2	Analysis of risk factors affecting delay of high-speed railway in China based on Bayesian network modeling. Journal of Transportation Safety and Security, 2022, 14, 1022-1043.	1.6	4
3	An Optimized Algorithm for Dangerous Driving Behavior Identification Based on Unbalanced Data. Electronics (Switzerland), 2022, 11, 1557.	3.1	5
4	Examining imbalanced classification algorithms in predicting real-time traffic crash risk. Accident Analysis and Prevention, 2020, 144, 105610.	5.7	46
5	Examining the crash severity on divided rural multilane highway segments using multilevel ordinal logistic models. Advances in Mechanical Engineering, 2019, 11, 168781401984466.	1.6	8
6	Comparative Analysis of the Reported Animal-Vehicle Collisions Data and Carcass Removal Data for Hotspot Identification. Journal of Advanced Transportation, 2019, 2019, 1-13.	1.7	7
7	Miss-and-run: Factors contributing to two-vehicle phantom vehicle crashes in Florida. Traffic Injury Prevention, 2019, 20, 146-151.	1.4	4
8	Examining Network Segmentation for Traffic Safety Analysis With Data-Driven Spectral Analysis. IEEE Access, 2019, 7, 120744-120757.	4.2	4
9	Examining the effect of adverse weather on road transportation using weather and traffic sensors. PLoS ONE, 2018, 13, e0205409.	2.5	21
10	Analysing the Impact of Traffic Incidents on the Travel Time Reliability of Freeway High-Occupancy Vehicle Lanes. Discrete Dynamics in Nature and Society, 2018, 2018, 1-12.	0.9	0
11	Assessing the impact of reduced visibility on traffic crash risk using microscopic data and surrogate safety measures. Transportation Research Part C: Emerging Technologies, 2017, 74, 295-305.	7.6	73
12	Analysis of factors affecting serious multi-fatality crashes in China based on Bayesian network structure. Advances in Mechanical Engineering, 2017, 9, 168781401770414.	1.6	4
13	Developing a Clustering-Based Empirical Bayes Analysis Method for Hotspot Identification. Journal of Advanced Transportation, 2017, 2017, 1-9.	1.7	3
14	Applying the Generalized Waring model for investigating sources of variance in motor vehicle crash analysis. Accident Analysis and Prevention, 2014, 73, 20-26.	5.7	15
15	Comparison of Sichel and Negative Binomial Models in Estimating Empirical Bayes Estimates. Transportation Research Record, 2013, 2392, 11-21.	1.9	36