

# Yichuan Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5379697/publications.pdf>

Version: 2024-02-01

15  
papers

243  
citations

1307594

7  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

274  
citing authors

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