Behram Wali

List of Publications by Year
in descending order

40 papers	**936** citations	430442 **18** h-index	476904 **29** g-index
40 all docs	**40** docs citations	**40** times ranked	**648** citing authors

#	Article	IF	Citations
1	A joint demand modeling framework for ride-sourcing and dynamic ridesharing services: a geo-additive Markov random field based heterogeneous copula framework. Transportation, 2023, 50, 1809-1845.	2.1	0
2	Exploring factors associated with crash severity on motorways in Pakistan. Proceedings of the Institution of Civil Engineers: Transport, 2022, 175, 189-198.	0.3	19
3	Heterogeneity assessment in incident duration modelling: Implications for development of practical strategies for small & large scale incidents. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 586-601.	2.6	7
4	Causal evaluation of the health effects of light rail line: A natural experiment. Journal of Transport and Health, 2022, 24, 101292.	1.1	8
5	A joint behavioral choice model for adoption of automated vehicle ride sourcing and carsharing technologies: Role of built environment & sustainable travel behaviors. Transportation Research Part C: Emerging Technologies, 2022, 136, 103557.	3.9	11
6	Toward better measurement of traffic injuries â€" Comparison of anatomical injury measures in predicting the clinical outcomes in motorcycle crashes. Journal of Safety Research, 2022, 80, 175-189.	1.7	4
7	Pathways from Built Environment to Health Care Costs: Linking Objectively Measured Built Environment with Physical Activity and Health Care Expenditures. Environment and Behavior, 2022, 54, 747-782.	2.1	12
8	Effects of an urban light rail line on health care utilization and cost: A pre-post assessment. Transport Policy, 2022, 123, 112-120.	3.4	1
9	Injury severity analysis of pedestrian and bicyclist trespassing crashes at non-crossings: A hybrid predictive text analytics and heterogeneity-based statistical modeling approach. Accident Analysis and Prevention, 2021, 150, 105835.	3.0	19
10	Developing policy thresholds for objectively measured environmental features to support active travel. Transportation Research, Part D: Transport and Environment, 2021, 90, 102678.	3.2	23
11	A taxonomy of driving errors and violations: Evidence from the naturalistic driving study. Accident Analysis and Prevention, 2021, 151, 105873.	3.0	30
12	Built environment, driving errors and violations, and crashes in naturalistic driving environment. Accident Analysis and Prevention, 2021, 157, 106158.	3.0	10
13	Modeling consumer affinity towards adopting partially and fully automated vehicles â€" The role of preference heterogeneity at different geographic levels. Transportation Research Part C: Emerging Technologies, 2021, 129, 103276.	3.9	11
14	Neighborhood-level COVID-19 hospitalizations and mortality relationships with built environment, active and sedentary travel. Health and Place, 2021, 71, 102659.	1.5	34
15	Treating two pandemics for the price of one: Chronic and infectious disease impacts of the built and natural environment. Sustainable Cities and Society, 2021, 73, 103089.	5.1	32
16	The 2019 Conference on Health and Active Transportation: Research Needs and Opportunities. International Journal of Environmental Research and Public Health, 2021, 18, 11842.	1.2	3
17	Exploratory analysis of automated vehicle crashes in California: A text analytics & hierarchical Bayesian heterogeneity-based approach. Accident Analysis and Prevention, 2020, 135, 105354.	3.0	81
18	The relationship between driving volatility in time to collision and crash-injury severity in a naturalistic driving environment. Analytic Methods in Accident Research, 2020, 28, 100136.	4.7	23

#	Article	IF	Citations
19	Harnessing ambient sensing & naturalistic driving systems to understand links between driving volatility and crash propensity in school zones â€" A generalized hierarchical mixed logit framework. Transportation Research Part C: Emerging Technologies, 2020, 114, 405-424.	3.9	18
20	An analysis of highway work zone safety practices in Pakistan. International Journal of Injury Control and Safety Promotion, 2019, 26, 37-44.	1.0	5
21	Exploring microscopic driving volatility in naturalistic driving environment prior to involvement in safety critical eventsâ€"Concept of event-based driving volatility. Accident Analysis and Prevention, 2019, 132, 105277.	3.0	37
22	Injury Severity and Contributing Driver Actions in Passenger Vehicleâ€"Truck Collisions. International Journal of Environmental Research and Public Health, 2019, 16, 3542.	1.2	12
23	Examining correlations between motorcyclistâ€™s conspicuity, apparel related factors and injury severity score: Evidence from new motorcycle crash causation study. Accident Analysis and Prevention, 2019, 131, 45-62.	3.0	32
24	Fuel economy gaps within and across garages: A bivariate random parameters seemingly unrelated regression approach. International Journal of Sustainable Transportation, 2019, 13, 324-339.	2.1	4
25	Contributory fault and level of personal injury to drivers involved in head-on collisions: Application of copula-based bivariate ordinal models. Accident Analysis and Prevention, 2018, 110, 101-114.	3.0	36
26	An ordered-probit analysis of enforcement of road speed limits. Proceedings of the Institution of Civil Engineers: Transport, 2018, 171, 225-234.	0.3	5
27	Methodology for Simulating Heterogeneous Traffic Flow at Intercity Roads in Developing Countries: A Case Study of University Road in Peshawar. Arabian Journal for Science and Engineering, 2018, 43, 2021-2036.	1.7	4
28	Impact of axle overload, asphalt pavement thickness and subgrade modulus on load equivalency factor using modified ESALs equation. Cogent Engineering, 2018, 5, 1528044.	1.1	11
29	How is driving volatility related to intersection safety? A Bayesian heterogeneity-based analysis of instrumented vehicles data. Transportation Research Part C: Emerging Technologies, 2018, 92, 504-524.	3.9	64
30	A heterogeneity based case-control analysis of motorcyclistâ€™s injury crashes: Evidence from motorcycle crash causation study. Accident Analysis and Prevention, 2018, 119, 202-214.	3.0	44
31	Walkability in the Connected and Automated Vehicle Era: A U.S. Perspective on Research Needs. Transportation Research Record, 2018, 2672, 118-128.	1.0	8
32	Development of Safety Performance Functions: Incorporating Unobserved Heterogeneity and Functional Form Analysis. Transportation Research Record, 2018, 2672, 9-20.	1.0	42
33	Analyzing within garage fuel economy gaps to support vehicle purchasing decisions â€" A copula-based modeling & forecasting approach. Transportation Research, Part D: Transport and Environment, 2018, 63, 186-208.	3.2	17
34	Do safety performance functions used for predicting crash frequency vary across space? Applying geographically weighted regressions to account for spatial heterogeneity. Accident Analysis and Prevention, 2017, 109, 132-142.	3.0	55
35	Analysis of volatility in driving regimes extracted from basic safety messages transmitted between connected vehicles. Transportation Research Part C: Emerging Technologies, 2017, 84, 48-73.	3.9	64
36	Role of Multiagency Response and On-Scene Times in Large-Scale Traffic Incidents. Transportation Research Record, 2017, 2616, 39-48.	1.0	24

#	ARTICLE	IF	CITATIONS
37	How does on-road fuel economy vary with vehicle cumulative mileage and daily use?. Transportation Research, Part D: Transport and Environment, 2017, 55, 142-161.	3.2	16
38	Can Data Generated by Connected Vehicles Enhance Safety?: Proactive Approach to Intersection Safety Management. Transportation Research Record, 2017, 2659, 80-90.	1.0	41
39	Effectiveness of enforcement levels of speed limit and drink driving laws and associated factors â€" Exploratory empirical analysis using a bivariate ordered probit model. Journal of Traffic and Transportation Engineering (English Edition), 2017, 4, 272-279.	2.0	18
40	Modeling Traffic Incident Duration Using Quantile Regression. Transportation Research Record, 2016, 2554, 139-148.	1.0	51