

Tariq Usman Saeed

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

937
citations

623734

14
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors affecting motorcyclists's injury severities: An empirical assessment using random parameters logit model with heterogeneity in means and variances. <i>Accident Analysis and Prevention</i> , 2019, 123, 12-19.	5.7	182
2	Floodplain Mapping Using HEC-RAS and ArcGIS: A Case Study of Kabul River. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 1375-1390.	1.1	89
3	Impact of road-surface condition on rural highway safety: A multivariate random parameters negative binomial approach. <i>Analytic Methods in Accident Research</i> , 2017, 16, 75-89.	8.2	83
4	Analyzing road crash frequencies with uncorrelated and correlated random-parameters count models: An empirical assessment of multilane highways. <i>Analytic Methods in Accident Research</i> , 2019, 23, 100101.	8.2	79
5	An empirical discourse on forecasting the use of autonomous vehicles using consumers's preferences. <i>Technological Forecasting and Social Change</i> , 2020, 158, 120130.	11.6	77
6	Characterizing the Performance of Interstate Flexible Pavements Using Artificial Neural Networks and Random Parameters Regression. <i>Journal of Infrastructure Systems</i> , 2020, 26, .	1.8	48
7	Methodology for Probabilistic Modeling of Highway Bridge Infrastructure Condition: Accounting for Improvement Effectiveness and Incorporating Random Effects. <i>Journal of Infrastructure Systems</i> , 2017, 23, .	1.8	43
8	Safety sensitivity to roadway characteristics: A comparison across highway classes. <i>Accident Analysis and Prevention</i> , 2019, 123, 39-50.	5.7	43
9	Safety impacts of pavement surface roughness at two-lane and multi-lane highways: accounting for heterogeneity and seemingly unrelated correlation across crash severities. <i>Transportmetrica A: Transport Science</i> , 2019, 15, 18-33.	2.0	42
10	Estimation of Routine Maintenance Expenditures for Highway Pavement Segments: Accounting for Heterogeneity Using Random-Effects Models. <i>Journal of Transportation Engineering Part A: Systems</i> , 2017, 143, 04017006.	1.4	33
11	Predicting Cost Escalation Pathways and Deviation Severities of Infrastructure Projects Using Risk-Based Econometric Models and Monte Carlo Simulation. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 620-640.	9.8	32
12	Performance Evaluation and Life Prediction of Highway Concrete Bridge Superstructure across Design Types. <i>Journal of Performance of Constructed Facilities</i> , 2017, 31, .	2.0	25
13	Preparing Road Infrastructure to Accommodate Connected and Automated Vehicles: System-Level Perspective. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.8	25
14	Statistical Analysis of Area-wide Alcohol-related Driving Crashes: A Spatial Econometric Approach. <i>Geographical Analysis</i> , 2020, 52, 394-417.	3.5	21
15	Exploring factors associated with crash severity on motorways in Pakistan. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2022, 175, 189-198.	0.6	19
16	Addressing the Local-Road VMT Estimation Problem Using Spatial Interpolation Techniques. <i>Journal of Transportation Engineering Part A: Systems</i> , 2017, 143, .	1.4	17
17	Connectivity, Accessibility, and Mobility Relationships in the Context of Low-Volume Road Networks. <i>Transportation Research Record</i> , 2019, 2673, 717-727.	1.9	16
18	Pavement Repair Marginal Costs: Accounting for Heterogeneity Using Random-Parameters Regression. <i>Journal of Infrastructure Systems</i> , 2017, 23, 04017012.	1.8	15

#	ARTICLE	IF	CITATIONS
19	ESTIMATION OF REST PERIODS FOR NEWLY CONSTRUCTED/RECONSTRUCTED PAVEMENTS. Transport, 2016, 31, 183-191.	1.2	14
20	Can interdependency considerations enhance forecasts of bridge infrastructure condition? Evidence using a multivariate regression approach. Structure and Infrastructure Engineering, 2020, 16, 1177-1185.	3.7	10
21	A statistical analysis of the correlates of compliance and defiance of seatbelt use. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 77, 117-128.	3.7	8
22	Subway Ridership: Accounting for Regional Variation across Land-Use and Socioeconomic Settings. Journal of Infrastructure Systems, 2021, 27, .	1.8	4
23	Estimation of Pavement Damage Cost for Establishing Equitable Road Use Fee for Commercial Vehicles – An Exploratory Empirical Analysis. DEStech Transactions on Engineering and Technology Research, 2017, , .	0.0	1
24	Impact of Initial (Pre-Rehabilitation) Condition on Pavement Rehabilitation Cost. , 2016, , .		0