

Vinod Vasudevan

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

311
citations

840776

11
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of High-Speed Roads and Vehicle Ownership on Traffic Fatalities in India. <i>Transportation Research Record</i> , 2023, 2677, 1461-1472.	1.9	0
2	An exploratory study of pedestrian crossing speeds at midblock crossing in India using LiDAR. <i>Traffic Injury Prevention</i> , 2022, 23, 61-66.	1.4	3
3	LiDAR-Based Vehicle-Pedestrian Interaction Study on Midblock Crossing Using Trajectory-Based Modified Post-Encroachment Time. <i>Transportation Research Record</i> , 2022, 2676, 837-847.	1.9	4
4	People's Preferences for Improvements in Public Transportation Systems: An Experience from India. <i>Transportation in Developing Economies</i> , 2022, 8, 1.	1.6	0
5	Development of consequence of failure index for water and wastewater pipelines. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2021, 174, 32-42.	0.7	0
6	Is vehicle ownership in urban india influenced by the availability of high quality dedicated public transit systems?. <i>IATSS Research</i> , 2021, 45, 286-292.	3.4	15
7	An Empirical Study on the Influence of on-Road Static Obstacles on Driver Behaviour. <i>Current Science</i> , 2021, 120, 699.	0.8	1
8	Toward Improving Confidence in Autonomous Vehicle Software: A Study on Traffic Sign Recognition Systems. <i>Computer</i> , 2021, 54, 66-76.	1.1	13
9	Insight into Driver Behavior during Overtaking Maneuvers in Disorderly Traffic: An Instrumented Vehicle Study. <i>Transportation Research Procedia</i> , 2020, 48, 719-733.	1.5	6
10	Pedestrian temporal gap acceptance behavior at unsignalized intersections in Kanpur, India. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 74, 95-103.	3.7	19
11	Analysis of overtaking patterns of Indian drivers with data collected using a LiDAR. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 74, 139-150.	3.7	15
12	Relationship Between Mobility and Pedestrian Traffic Safety in India. <i>Transportation in Developing Economies</i> , 2020, 6, 1.	1.6	2
13	Understanding school trip mode choice – The case of Kanpur (India). <i>Journal of Transport Geography</i> , 2018, 66, 283-290.	5.0	50
14	Design and Evaluation of K-Pass: A Bicycle-Friendly Modification of Speed Bumps. <i>Transportation Research Record</i> , 2018, 2672, 157-166.	1.9	3
15	Study of vehicle ownership for urban and rural households in India. <i>Journal of Transport Geography</i> , 2017, 58, 52-58.	5.0	37
16	Study on Pedestrian Risk Exposure at Unsignalized Intersection in a Country with Extreme Vehicle Heterogeneity and Poor Lane Discipline. <i>Transportation Research Record</i> , 2017, 2634, 69-77.	1.9	8
17	Comparison of discomfort caused by speed humps on bicyclists and riders of motorized two-wheelers. <i>Sustainable Cities and Society</i> , 2017, 35, 669-676.	10.4	6
18	Impact of speed humps of bicyclists. <i>Safety Science</i> , 2016, 89, 138-146.	4.9	15

#	ARTICLE	IF	CITATIONS
19	Nighttime seatbelt usage data collection: When and how long?. IATSS Research, 2015, 38, 149-156.	3.4	1
20	A Model to Estimate Passenger Vehicle Fleet Composition, Vehicle Miles Traveled, and Fuel Consumption. Public Works Management Policy, 2013, 18, 56-81.	1.2	4
21	Disaggregate Model for Vehicle Ownership Behavior of Indian Households. Transportation Research Record, 2013, 2394, 55-62.	1.9	12
22	Evaluating Effectiveness of Infrastructure-Based Countermeasures for Pedestrian Safety. Transportation Research Record, 2012, 2299, 100-109.	1.9	23
23	Effectiveness of Signal-Based Countermeasures for Pedestrian Safety: Findings from Pilot Study. Transportation Research Record, 2011, 2264, 44-53.	1.9	17
24	Effectiveness of Automatic Pedestrian Detection Device and Smart Lighting for Pedestrian Safety. Transportation Research Record, 2009, 2140, 27-34.	1.9	15
25	Methods to Prioritize Pedestrian High-Crash Locations and Statistical Analysis of Their Relationships. Transportation Research Record, 2007, 2002, 39-54.	1.9	6
26	Is seat belt usage by front seat passengers related to seat belt usage by their drivers?. Journal of Safety Research, 2007, 38, 545-555.	3.6	35
27	Relating Household Consumption Expenditures to Road Traffic Fatalities: A Rural-Urban Study. Transportation Research Record, 0, , 036119812110332.	1.9	1