

Csar De Santos-Berbel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

107
citations

6
h-index

10
g-index

15
ext. papers

130
ext. citations

2.4
avg, IF

3.11
L-index

#	Paper	IF	Citations
15	Driver glare exposure with different vehicle frontlighting systems. <i>Journal of Safety Research</i> , 2021 , 76, 228-237	4	4
14	Risk-Based Calibration of Road Sag Vertical Curve Design Guidelines on Undivided Highways. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021 , 147, 04021055	1.5	1
13	3D Modeling of Highway Guardrails for Sight Distance Assessment. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021 , 147, 04021078	1.5	2
12	Reliability-Based Safety Evaluation of Headlight Sight Distance Applied to Road Sag Curve Standards. <i>IEEE Access</i> , 2020 , 8, 43606-43617	3.5	4
11	Applications of integral calculus 2020 , 119-135		
10	Effect of vehicle swiveling headlamps and highway geometric design on nighttime sight distance. <i>Mathematics and Computers in Simulation</i> , 2020 , 170, 32-50	3.3	5
9	Using Small Unmanned Aerial Vehicle in 3D Modeling of Highways with Tree-Covered Roadsides to Estimate Sight Distance. <i>Remote Sensing</i> , 2019 , 11, 2625	5	8
8	Three-Dimensional Virtual Highway Model for Sight-Distance Evaluation of Highway Underpasses. <i>Journal of Surveying Engineering, - ASCE</i> , 2018 , 144, 05018003	1.3	8
7	Addressing sight-distance-related safety effects of installing median barriers at horizontal curves of undivided highways under a 3D approach 2018 ,		2
6	Reliability-Based Analysis of Sight Distance Modelling for Traffic Safety. <i>Journal of Advanced Transportation</i> , 2017 , 2017, 1-12	1.9	15
5	A comprehensive methodology for the analysis of highway sight distance 2017 , 193-200		3
4	LIDAR-based roadway and roadside modelling for sight distance studies. <i>Survey Review</i> , 2016 , 48, 309-315	1.9	28
3	An index for sight-hidden dips assessment. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2016 , 169, 24-33	0.5	1
2	Spatial analysis of geometric design consistency and road sight distance. <i>International Journal of Geographical Information Science</i> , 2015 , 29, 2061-2074	4.1	14
1	Sight Distance Studies on Roads: Influence of Digital Elevation Models and Roadside Elements. <i>Procedia, Social and Behavioral Sciences</i> , 2014 , 160, 449-458		12