

Suliman A Gargoum

List of Publications by Year in descending order

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papers

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citations

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docs citations

27
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Enriching Roadside Safety Assessments Using LiDAR Technology: Disaggregate Collision-Level Data Fusion and Analysis. Infrastructures, 2022, 7, 7.	2.8	3
2	Aggregate Spatial Analysis of Design Reliability to Sight Distance Requirements: Assessing Reliability of Transportation Infrastructure on a Network Level. Journal of Infrastructure Systems, 2022, 28, .	1.8	2
3	Limiting mobility during COVID-19, when and to what level? An international comparative study using change point analysis. Journal of Transport and Health, 2021, 20, 101019.	2.2	32
4	Towards a more inclusive and safe design of horizontal curves: Exploring the association between curve features, reliability measures, and safety. Accident Analysis and Prevention, 2021, 153, 106009.	5.7	16
5	Virtual assessment of sight distance limitations using LiDAR technology: Automated obstruction detection and classification. Automation in Construction, 2021, 125, 103579.	9.8	21
6	Automated Framework to Audit Traffic Signs Using Remote Sensing Data. Journal of Infrastructure Systems, 2021, 27, .	1.8	5
7	Analyzing the ability of crash-prone highways to handle stochastically modelled driver demand for stopping sight distance. Accident Analysis and Prevention, 2020, 136, 105395.	5.7	11
8	A framework to detect horizontal curves and assess their geometric properties from remotely sensed point clouds. International Journal of Remote Sensing, 2020, 41, 8328-8351.	2.9	9
9	A literature synthesis of LiDAR applications in transportation: feature extraction and geometric assessments of highways. GIScience and Remote Sensing, 2019, 56, 864-893.	5.9	36
10	Effects of LiDAR Point Density on Extraction of Traffic Signs: A Sensitivity Study. Transportation Research Record, 2019, 2673, 41-51.	1.9	17
11	Available sight distance on existing highways: Meeting stopping sight distance requirements of an aging population. Accident Analysis and Prevention, 2018, 112, 56-68.	5.7	19
12	A Fully Automated Approach to Extract and Assess Road Cross Sections From Mobile LiDAR Data. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3507-3516.	8.0	26
13	Feasibility of extracting highway vertical profiles from LiDAR data. Canadian Journal of Civil Engineering, 2018, 45, 418-421.	1.3	14
14	Intervention analysis of the safety effects of a legislation targeting excessive speeding in Canada. International Journal of Injury Control and Safety Promotion, 2018, 25, 212-221.	2.0	4
15	Automated Extraction of Horizontal Curve Attributes using LiDAR Data. Transportation Research Record, 2018, 2672, 98-106.	1.9	26
16	Network Level Clearance Assessment using LiDAR to Improve the Reliability and Efficiency of Issuing Over-Height Permits on Highways. Transportation Research Record, 2018, 2672, 45-56.	1.9	10
17	Automated assessment of vertical clearance on highways scanned using mobile LiDAR technology. Automation in Construction, 2018, 95, 260-274.	9.8	25
18	A Voxel-Based Method for Automated Detection and Mapping of Light Poles on Rural Highways using LiDAR Data. Transportation Research Record, 2018, 2672, 274-283.	1.9	16

#	ARTICLE	IF	CITATIONS
19	Assessing Stopping and Passing Sight Distance on Highways Using Mobile LiDAR Data. Journal of Computing in Civil Engineering, 2018, 32, .	4.7	41
20	Relationship between road safety and mobile photo enforcement performance indicators: A case study of the city of Edmonton. Journal of Transportation Safety and Security, 2017, 9, 195-215.	1.6	8
21	Automated Highway Sign Extraction Using Lidar Data. Transportation Research Record, 2017, 2643, 1-8.	1.9	40
22	Operating Speed Models for Tangent Segments on Urban Roads. Transportation Research Record, 2017, 2618, 91-99.	1.9	11
23	Automated extraction of road features using LiDAR data: A review of LiDAR applications in transportation. , 2017, , .		22
24	Factors Affecting Classification of Road Segments into High- and Low-Speed Collision Regimes. Transportation Research Record, 2017, 2659, 98-105.	1.9	0
25	Exploring the association between speed and safety: A path analysis approach. Accident Analysis and Prevention, 2016, 93, 32-40.	5.7	64
26	Towards setting credible speed limits: Identifying factors that affect driver compliance on urban roads. Accident Analysis and Prevention, 2016, 95, 138-148.	5.7	29
27	Impacts of Point Cloud Density Reductions on Extracting Road Geometric Features from mobile LiDAR data. Canadian Journal of Civil Engineering, 0, , .	1.3	0