

# Suliman A Gargoum

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

507  
citations

623188

14  
h-index

713013

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g-index

27  
all docs

27  
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. <i>Infrastructures</i> , 2022, 7, 7.	1.4	3
2	Aggregate Spatial Analysis of Design Reliability to Sight Distance Requirements: Assessing Reliability of Transportation Infrastructure on a Network Level. <i>Journal of Infrastructure Systems</i> , 2022, 28, .	1.0	2
3	Limiting mobility during COVID-19, when and to what level? An international comparative study using change point analysis. <i>Journal of Transport and Health</i> , 2021, 20, 101019.	1.1	32
4	Towards a more inclusive and safe design of horizontal curves: Exploring the association between curve features, reliability measures, and safety. <i>Accident Analysis and Prevention</i> , 2021, 153, 106009.	3.0	16
5	Virtual assessment of sight distance limitations using LiDAR technology: Automated obstruction detection and classification. <i>Automation in Construction</i> , 2021, 125, 103579.	4.8	21
6	Automated Framework to Audit Traffic Signs Using Remote Sensing Data. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.0	5
7	Analyzing the ability of crash-prone highways to handle stochastically modelled driver demand for stopping sight distance. <i>Accident Analysis and Prevention</i> , 2020, 136, 105395.	3.0	11
8	A framework to detect horizontal curves and assess their geometric properties from remotely sensed point clouds. <i>International Journal of Remote Sensing</i> , 2020, 41, 8328-8351.	1.3	9
9	A literature synthesis of LiDAR applications in transportation: feature extraction and geometric assessments of highways. <i>GIScience and Remote Sensing</i> , 2019, 56, 864-893.	2.4	36
10	Effects of LiDAR Point Density on Extraction of Traffic Signs: A Sensitivity Study. <i>Transportation Research Record</i> , 2019, 2673, 41-51.	1.0	17
11	Available sight distance on existing highways: Meeting stopping sight distance requirements of an aging population. <i>Accident Analysis and Prevention</i> , 2018, 112, 56-68.	3.0	19
12	A Fully Automated Approach to Extract and Assess Road Cross Sections From Mobile LiDAR Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 3507-3516.	4.7	26
13	Feasibility of extracting highway vertical profiles from LiDAR data. <i>Canadian Journal of Civil Engineering</i> , 2018, 45, 418-421.	0.7	14
14	Intervention analysis of the safety effects of a legislation targeting excessive speeding in Canada. <i>International Journal of Injury Control and Safety Promotion</i> , 2018, 25, 212-221.	1.0	4
15	Automated Extraction of Horizontal Curve Attributes using LiDAR Data. <i>Transportation Research Record</i> , 2018, 2672, 98-106.	1.0	26
16	Network Level Clearance Assessment using LiDAR to Improve the Reliability and Efficiency of Issuing Over-Height Permits on Highways. <i>Transportation Research Record</i> , 2018, 2672, 45-56.	1.0	10
17	Automated assessment of vertical clearance on highways scanned using mobile LiDAR technology. <i>Automation in Construction</i> , 2018, 95, 260-274.	4.8	25
18	A Voxel-Based Method for Automated Detection and Mapping of Light Poles on Rural Highways using LiDAR Data. <i>Transportation Research Record</i> , 2018, 2672, 274-283.	1.0	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, .	2.5	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.	1.1	8
21	Automated Highway Sign Extraction Using Lidar Data. Transportation Research Record, 2017, 2643, 1-8.	1.0	40
22	Operating Speed Models for Tangent Segments on Urban Roads. Transportation Research Record, 2017, 2618, 91-99.	1.0	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.	1.0	0
25	Exploring the association between speed and safety: A path analysis approach. Accident Analysis and Prevention, 2016, 93, 32-40.	3.0	64
26	Towards setting credible speed limits: Identifying factors that affect driver compliance on urban roads. Accident Analysis and Prevention, 2016, 95, 138-148.	3.0	29
27	Impacts of Point Cloud Density Reductions on Extracting Road Geometric Features from mobile LiDAR data. Canadian Journal of Civil Engineering, 0, , .	0.7	0