

# Linh Truong-Hong

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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.

30  
papers

767  
citations

13  
h-index

27  
g-index

33  
ext. papers

953  
ext. citations

4  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
30	Automatically extracting surfaces of reinforced concrete bridges from terrestrial laser scanning point clouds. <i>Automation in Construction</i> , <b>2022</b> , 135, 104127	9.6	3
29	Extracting Bridge Components from a Laser Scanning Point Cloud. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 721-739	0.3	0
28	AMASS: Advanced Manufacturing for the Assembly of Structural Steel. <i>Practice Periodical on Structural Design and Construction</i> , <b>2021</b> , 26, 04020052	1.2	
27	Deep Localization of Static Scans in Mobile Mapping Point Clouds. <i>Remote Sensing</i> , <b>2021</b> , 13, 219	5	
26	A Decade of Modern Bridge Monitoring Using Terrestrial Laser Scanning: Review and Future Directions. <i>Remote Sensing</i> , <b>2020</b> , 12, 3796	5	35
25	Experimental testing and analysis of the axial behaviour of intermeshed steel connections. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , <b>2020</b> , 1-21	0.9	1
24	LiDAR point-cloud mapping of building façades for building energy performance simulation. <i>Automation in Construction</i> , <b>2019</b> , 107, 102905	9.6	7
23	A Case Study for eCampus Spatial <b>2019</b> , 816-846		
22	Laser scan-based structural assessment of wrought iron bridges: Guinness Bridge, Ireland. <i>Proceedings of the ICE - Engineering History and Heritage</i> , <b>2018</b> , 171, 76-89	0.2	4
21	Automatic extraction of road features in urban environments using dense ALS data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2018</b> , 64, 226-236	7.3	23
20	A Case Study for eCampus Spatial. <i>Advances in Geospatial Technologies Book Series</i> , <b>2018</b> , 240-270	0	
19	Toward automatic generation of 3D steel structures for building information modelling. <i>Automation in Construction</i> , <b>2017</b> , 74, 66-77	9.6	58
18	Design and Development of Personal GeoServices for Universities. <i>Lecture Notes in Geoinformation and Cartography</i> , <b>2015</b> , 3-26	0.3	1
17	Octree-based region growing for point cloud segmentation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2015</b> , 104, 88-100	11.8	275
16	A Semi-automatic Member Detection for Metal Bridges <b>2015</b> ,		3
15	Quantitative evaluation strategies for urban 3D model generation from remote sensing data. <i>Computers and Graphics</i> , <b>2015</b> , 49, 82-91	1.8	31
14	Aerial laser scanning and imagery data fusion for road detection in city scale <b>2015</b> ,		5

13	Octree-based, automatic building façade generation from LiDAR data. <i>CAD Computer Aided Design</i> , <b>2014</b> , 53, 46-61	2.9	23
12	Crack detection limits in unit based masonry with terrestrial laser scanning. <i>NDT and E International</i> , <b>2014</b> , 62, 66-76	4.1	57
11	Application of Terrestrial Laser Scanner in Bridge Inspection: Review and an Opportunity <b>2014</b> ,		5
10	Equipment Considerations for Terrestrial Laser Scanning for Civil Engineering in Urban Areas. <i>Journal of Scientific Research and Reports</i> , <b>2014</b> , 3, 2002-2014	1.5	7
9	Combining an Angle Criterion with Voxelization and the Flying Voxel Method in Reconstructing Building Models from LiDAR Data. <i>Computer-Aided Civil and Infrastructure Engineering</i> , <b>2013</b> , 28, 112-129	8.4	80
8	Impact of modeling architectural detailing for predicting unreinforced masonry response to subsidence. <i>Automation in Construction</i> , <b>2013</b> , 30, 191-204	9.6	14
7	Point Cloud Data Conversion into Solid Models via Point-Based Voxelization. <i>Journal of Surveying Engineering, - ASCE</i> , <b>2013</b> , 139, 72-83	1.3	46
6	Validating Computational Models from Laser Scanning Data for Historic Facades. <i>Journal of Testing and Evaluation</i> , <b>2013</b> , 41, 20120243	1	17
5	Preparing Detailed 3D Building Models for Google Earth Integration. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 61-76	0.9	3
4	Flying Voxel Method with Delaunay Triangulation Criterion for Façade/Feature Detection for Computation. <i>Journal of Computing in Civil Engineering</i> , <b>2012</b> , 26, 691-707	5	36
3	Processing of Terrestrial Laser Scanning Point Cloud Data for Computational Modelling of Building Facades. <i>Recent Patents on Computer Science</i> , <b>2011</b> , 4, 16-29	1	4
2	Manufacturing, assembly, and testing of scaled, historic masonry for one-gravity, pseudo-static, soil-structure experiments. <i>Construction and Building Materials</i> , <b>2011</b> , 25, 4362-4373	6.7	19
1	Processing of Terrestrial Laser Scanning Point Cloud Data for Computational Modelling of Building Facades. <i>Recent Patents on Computer Science</i> , <b>2011</b> , 4, 16-29	1	10