

Linh Truong-Hong

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,211
citations

623734

14
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Octree-based region growing for point cloud segmentation. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 104, 88-100.	11.1	436
2	Combining an Angle Criterion with Voxelization and the Flying Voxel Method in Reconstructing Building Models from LiDAR Data. Computer-Aided Civil and Infrastructure Engineering, 2013, 28, 112-129.	9.8	109
3	A Decade of Modern Bridge Monitoring Using Terrestrial Laser Scanning: Review and Future Directions. Remote Sensing, 2020, 12, 3796.	4.0	94
4	Crack detection limits in unit based masonry with terrestrial laser scanning. NDT and E International, 2014, 62, 66-76.	3.7	92
5	Toward automatic generation of 3D steel structures for building information modelling. Automation in Construction, 2017, 74, 66-77.	9.8	77
6	Point Cloud Data Conversion into Solid Models via Point-Based Voxelization. Journal of Surveying Engineering, - ASCE, 2013, 139, 72-83.	1.7	70
7	Flying Voxel Method with Delaunay Triangulation Criterion for Façade/Feature Detection for Computation. Journal of Computing in Civil Engineering, 2012, 26, 691-707.	4.7	45
8	Quantitative evaluation strategies for urban 3D model generation from remote sensing data. Computers and Graphics, 2015, 49, 82-91.	2.5	44
9	Octree-based, automatic building façade generation from LiDAR data. CAD Computer Aided Design, 2014, 53, 46-61.	2.7	36
10	Automatic extraction of road features in urban environments using dense ALS data. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 226-236.	2.8	32
11	Manufacturing, assembly, and testing of scaled, historic masonry for one-gravity, pseudo-static, soil-structure experiments. Construction and Building Materials, 2011, 25, 4362-4373.	7.2	24
12	Validating Computational Models from Laser Scanning Data for Historic Facades. Journal of Testing and Evaluation, 2013, 41, 481-496.	0.7	22
13	Automatically extracting surfaces of reinforced concrete bridges from terrestrial laser scanning point clouds. Automation in Construction, 2022, 135, 104127.	9.8	21
14	Impact of modeling architectural detailing for predicting unreinforced masonry response to subsidence. Automation in Construction, 2013, 30, 191-204.	9.8	16
15	LiDAR point-cloud mapping of building façades for building energy performance simulation. Automation in Construction, 2019, 107, 102905.	9.8	15
16	Processing of Terrestrial Laser Scanning Point Cloud Data for Computational Modelling of Building Facades. Recent Patents on Computer Science, 2011, 4, 16-29.	0.5	13
17	Aerial laser scanning and imagery data fusion for road detection in city scale. , 2015, , .		10
18	Laser scan-based structural assessment of wrought iron bridges: Guinness Bridge, Ireland. Proceedings of the ICE - Engineering History and Heritage, 2018, 171, 76-89.	0.2	10

#	ARTICLE	IF	CITATIONS
19	Structural assessment using terrestrial laser scanning point clouds. International Journal of Building Pathology and Adaptation, 2022, 40, 345-379.	1.3	8
20	Application of Terrestrial Laser Scanner In Bridge Inspection: Review and an Opportunity. IABSE Symposium Report, 2014, , .	0.0	7
21	Equipment Considerations for Terrestrial Laser Scanning for Civil Engineering in Urban Areas. Journal of Scientific Research and Reports, 2014, 3, 2002-2014.	0.2	7
22	Experimental testing and analysis of the axial behaviour of intermeshed steel connections. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2022, 175, 153-173.	0.8	5
23	Preparing Detailed 3D Building Models for Google Earth Integration. Lecture Notes in Computer Science, 2013, , 61-76.	1.3	5
24	Processing of Terrestrial Laser Scanning Point Cloud Data for Computational Modelling of Building Facades. Recent Patents on Computer Science, 2011, 4, 16-29.	0.5	4
25	A Semi-automatic Member Detection for Metal Bridges. , 2015, , .		3
26	AMASS: Advanced Manufacturing for the Assembly of Structural Steel. Practice Periodical on Structural Design and Construction, 2021, 26, .	1.3	2
27	Design and Development of Personal GeoServices for Universities. Lecture Notes in Geoinformation and Cartography, 2015, , 3-26.	1.0	1
28	Transform Physical Assets to 3D Digital Models. , 2022, 17, .		1
29	Deep Localization of Static Scans in Mobile Mapping Point Clouds. Remote Sensing, 2021, 13, 219.	4.0	0
30	Tunneling Appropriate Computational Models from Laser Scanning Data. , 2017, , .		0
31	A Case Study for eCampus Spatial. Advances in Geospatial Technologies Book Series, 2018, , 240-270.	0.2	0
32	A Case Study for eCampus Spatial. , 2019, , 816-846.		0