

Thomas Czerniawski

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

424
citations

1162889

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h-index

1372474

10
g-index

11
all docs

11
docs citations

11
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Semantic segmentation of point clouds of building interiors with deep learning: Augmenting training datasets with synthetic BIM-based point clouds. Automation in Construction, 2020, 113, 103144.	4.8	95
2	6D DBSCAN-based segmentation of building point clouds for planar object classification. Automation in Construction, 2018, 88, 44-58.	4.8	86
3	Automated digital modeling of existing buildings: A review of visual object recognition methods. Automation in Construction, 2020, 113, 103131.	4.8	67
4	Pipe spool recognition in cluttered point clouds using a curvature-based shape descriptor. Automation in Construction, 2016, 71, 346-358.	4.8	64
5	Automated segmentation of RGB-D images into a comprehensive set of building components using deep learning. Advanced Engineering Informatics, 2020, 45, 101131.	4.0	38
6	Automated building change detection with amodal completion of point clouds. Automation in Construction, 2021, 124, 103568.	4.8	29
7	Pipe radius estimation using Kinect range cameras. Automation in Construction, 2019, 99, 197-205.	4.8	12
8	An application of metadata-based image retrieval system for facility management. Advanced Engineering Informatics, 2021, 50, 101417.	4.0	10
9	Parallel Systems and Structural Frames Realignment Planning and Actuation Strategy. Journal of Computing in Civil Engineering, 2016, 30, 04015067.	2.5	9
10	3DFacilities: Annotated 3D Reconstructions of Building Facilities. Lecture Notes in Computer Science, 2018, , 186-200.	1.0	8
11	Semantic Segmentation of Building Point Clouds Using Deep Learning: A Method for Creating Training Data Using BIM to Point Cloud Label Transfer. , 2019, , .		6