Thomas Czerniawski

List of Publications by Citations

11 papers	230 citations	7 h-index	11 g-index
11 ext. papers	308 ext. citations	7.7 avg, IF	4.36 L-index

#	Paper	IF	Citations
11	6D DBSCAN-based segmentation of building point clouds for planar object classification. *Automation in Construction*, **2018**, 88, 44-58	9.6	54
10	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	9.6	47
9	Pipe spool recognition in cluttered point clouds using a curvature-based shape descriptor. *Automation in Construction*, **2016**, 71, 346-358	9.6	41
8	Automated digital modeling of existing buildings: A review of visual object recognition methods. *Automation in Construction*, **2020**, 113, 103131	9.6	39
7	Automated segmentation of RGB-D images into a comprehensive set of building components using deep learning. *Advanced Engineering Informatics*, **2020**, 45, 101131	7.4	16
6	Automated building change detection with amodal completion of point clouds. *Automation in Construction*, **2021**, 124, 103568	9.6	13
5	Parallel Systems and Structural Frames Realignment Planning and Actuation Strategy. *Journal of Computing in Civil Engineering*, **2016**, 30, 04015067	5	8
4	Pipe radius estimation using Kinect range cameras. *Automation in Construction*, **2019**, 99, 197-205	9.6	6
3	Semantic Segmentation of Building Point Clouds Using Deep Learning: A Method for Creating Training Data Using BIM to Point Cloud Label Transfer **2019**,		3
2	3DFacilities: Annotated 3D Reconstructions of Building Facilities. *Lecture Notes in Computer Science*, **2018**, 186-200	0.9	3
1	An application of metadata-based image retrieval system for facility management. *Advanced Engineering Informatics*, **2021**, 50, 101417	7.4	0