Ehsan Rezazadeh Azar

List of Publications by Year in Descending Order

18 papers	476 citations	10 h-index	21 g-index
22 ext. papers	610 ext. citations	4.2 avg, IF	4.6 L-index

#	Paper	IF	Citations
18	Long-Term Numerical Analysis of Subsurface Delamination Detection in Concrete Slabs via Infrared Thermography. *Applied Sciences (Switzerland)*, **2021**, 11, 4323	2.6	3
17	Distress Recognition in Unpaved Roads Using Unmanned Aerial Systems and Deep Learning Segmentation. *Journal of Computing in Civil Engineering*, **2021**, 35, 04020061	5	6
16	Semantic Segmentation of Defects in Infrared Thermographic Images of Highly Damaged Concrete Structures. *Journal of Performance of Constructed Facilities*, **2021**, 35, 04020131	2	10
15	Statistical analysis of favorable conditions for thermographic inspection of concrete slabs. *Journal of Civil Structural Health Monitoring*, **2020**, 10, 609-626	2.9	7
14	Automated Methods for Activity Recognition of Construction Workers and Equipment: State-of-the-Art Review. *Journal of Construction Engineering and Management - ASCE*, **2020**, 146, 03120002	4.2	42
13	Estimating Stripping of Asphalt Coating Using k-Means Clustering and Machine Learning-Based Classification. *Journal of Computing in Civil Engineering*, **2020**, 34, 04019044	5	12
12	Quantitative similarity assessment of construction projects using WBS-based metrics. *Advanced Engineering Informatics*, **2020**, 46, 101179	7.4	8
11	Improved visualization of infrastructure monitoring data using building information modeling. *Structure and Infrastructure Engineering*, **2019**, 15, 1247-1263	2.9	27
10	BIM-based draft schedule generation in reinforced concrete-framed buildings. *Construction Innovation*, **2019**, 19, 280-294	4.1	20
9	BIM-based energy consumption assessment of the on-site construction of building structural systems. *Built Environment Project and Asset Management*, **2019**, 9, 2-14	1.9	8
8	UAV-Enabled Site-to-BIM Automation: Aerial Robotic- and Computer Vision-Based Development of As-Built/As-Is BIMs and Quality Control **2018**,		9
7	IFC-Based Development of As-Built and As-Is BIMs Using Construction and Facility Inspection Data: Site-to-BIM Data Transfer Automation. *Journal of Computing in Civil Engineering*, **2018**, 32, 04017075	5	49
6	Semantic Annotation of Videos from Equipment-Intensive Construction Operations by Shot Recognition and Probabilistic Reasoning. *Journal of Computing in Civil Engineering*, **2017**, 31, 04017042	5	12
5	Construction Equipment Identification Using Marker-Based Recognition and an Active Zoom Camera. *Journal of Computing in Civil Engineering*, **2016**, 30, 04015033	5	18
4	Server-Customer Interaction Tracker: Computer Vision-Based System to Estimate Dirt-Loading Cycles. *Journal of Construction Engineering and Management - ASCE*, **2013**, 139, 785-794	4.2	73
3	Part based model and spatial-temporal reasoning to recognize hydraulic excavators in construction images and videos. *Automation in Construction*, **2012**, 24, 194-202	9.6	96
2	Automated Visual Recognition of Dump Trucks in Construction Videos. *Journal of Computing in Civil Engineering*, **2012**, 26, 769-781	5	71

LIST OF PUBLICATIONS