

# Ehsan Rezazadeh Azar

## List of Publications by Citations

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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.

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	Part based model and spatial-temporal reasoning to recognize hydraulic excavators in construction images and videos. <i>Automation in Construction</i> , <b>2012</b> , 24, 194-202	9.6	96
17	Server-Customer Interaction Tracker: Computer Vision-Based System to Estimate Dirt-Loading Cycles. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2013</b> , 139, 785-794	4.2	73
16	Automated Visual Recognition of Dump Trucks in Construction Videos. <i>Journal of Computing in Civil Engineering</i> , <b>2012</b> , 26, 769-781	5	71
15	IFC-Based Development of As-Built and As-Is BIMs Using Construction and Facility Inspection Data: Site-to-BIM Data Transfer Automation. <i>Journal of Computing in Civil Engineering</i> , <b>2018</b> , 32, 04017075	5	49
14	Automated Methods for Activity Recognition of Construction Workers and Equipment: State-of-the-Art Review. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2020</b> , 146, 031200042	4.2	42
13	Improved visualization of infrastructure monitoring data using building information modeling. <i>Structure and Infrastructure Engineering</i> , <b>2019</b> , 15, 1247-1263	2.9	27
12	BIM-based draft schedule generation in reinforced concrete-framed buildings. <i>Construction Innovation</i> , <b>2019</b> , 19, 280-294	4.1	20
11	Construction Equipment Identification Using Marker-Based Recognition and an Active Zoom Camera. <i>Journal of Computing in Civil Engineering</i> , <b>2016</b> , 30, 04015033	5	18
10	Semantic Annotation of Videos from Equipment-Intensive Construction Operations by Shot Recognition and Probabilistic Reasoning. <i>Journal of Computing in Civil Engineering</i> , <b>2017</b> , 31, 04017042	5	12
9	Estimating Stripping of Asphalt Coating Using k-Means Clustering and Machine Learning-Based Classification. <i>Journal of Computing in Civil Engineering</i> , <b>2020</b> , 34, 04019044	5	12
8	Semantic Segmentation of Defects in Infrared Thermographic Images of Highly Damaged Concrete Structures. <i>Journal of Performance of Constructed Facilities</i> , <b>2021</b> , 35, 04020131	2	10
7	UAV-Enabled Site-to-BIM Automation: Aerial Robotic- and Computer Vision-Based Development of As-Built/As-Is BIMs and Quality Control <b>2018</b> ,		9
6	Quantitative similarity assessment of construction projects using WBS-based metrics. <i>Advanced Engineering Informatics</i> , <b>2020</b> , 46, 101179	7.4	8
5	BIM-based energy consumption assessment of the on-site construction of building structural systems. <i>Built Environment Project and Asset Management</i> , <b>2019</b> , 9, 2-14	1.9	8
4	Statistical analysis of favorable conditions for thermographic inspection of concrete slabs. <i>Journal of Civil Structural Health Monitoring</i> , <b>2020</b> , 10, 609-626	2.9	7
3	Distress Recognition in Unpaved Roads Using Unmanned Aerial Systems and Deep Learning Segmentation. <i>Journal of Computing in Civil Engineering</i> , <b>2021</b> , 35, 04020061	5	6
2	Vision-Based Recognition of Dirt Loading Cycles in Construction Sites <b>2012</b> ,		3

- 1 Long-Term Numerical Analysis of Subsurface Delamination Detection in Concrete Slabs via Infrared Thermography. *Applied Sciences (Switzerland)*, **2021**, 11, 4323 2.6 3