

Ehsan Rezazadeh Azar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7042506/publications.pdf>

Version: 2024-02-01

22
papers

766
citations

686830

13
h-index

887659

17
g-index

22
all docs

22
docs citations

22
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Part based model and spatial-temporal reasoning to recognize hydraulic excavators in construction images and videos. <i>Automation in Construction</i> , 2012, 24, 194-202.	4.8	125
2	Automated Methods for Activity Recognition of Construction Workers and Equipment: State-of-the-Art Review. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, .	2.0	110
3	Server-Customer Interaction Tracker: Computer Vision-Based System to Estimate Dirt-Loading Cycles. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 785-794.	2.0	97
4	Automated Visual Recognition of Dump Trucks in Construction Videos. <i>Journal of Computing in Civil Engineering</i> , 2012, 26, 769-781.	2.5	94
5	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> , 2018, 32, .	2.5	73
6	Improved visualization of infrastructure monitoring data using building information modeling. <i>Structure and Infrastructure Engineering</i> , 2019, 15, 1247-1263.	2.0	52
7	Semantic Segmentation of Defects in Infrared Thermographic Images of Highly Damaged Concrete Structures. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	1.0	38
8	BIM-based draft schedule generation in reinforced concrete-framed buildings. <i>Construction Innovation</i> , 2019, 19, 280-294.	1.5	29
9	Construction Equipment Identification Using Marker-Based Recognition and an Active Zoom Camera. <i>Journal of Computing in Civil Engineering</i> , 2016, 30, 04015033.	2.5	23
10	Estimating Stripping of Asphalt Coating Using k-Means Clustering and Machine Learning-Based Classification. <i>Journal of Computing in Civil Engineering</i> , 2020, 34, .	2.5	20
11	Statistical analysis of favorable conditions for thermographic inspection of concrete slabs. <i>Journal of Civil Structural Health Monitoring</i> , 2020, 10, 609-626.	2.0	15
12	Distress Recognition in Unpaved Roads Using Unmanned Aerial Systems and Deep Learning Segmentation. <i>Journal of Computing in Civil Engineering</i> , 2021, 35, .	2.5	15
13	Semantic Annotation of Videos from Equipment-Intensive Construction Operations by Shot Recognition and Probabilistic Reasoning. <i>Journal of Computing in Civil Engineering</i> , 2017, 31, 04017042.	2.5	14
14	BIM-based energy consumption assessment of the on-site construction of building structural systems. <i>Built Environment Project and Asset Management</i> , 2019, 9, 2-14.	0.9	14
15	Quantitative similarity assessment of construction projects using WBS-based metrics. <i>Advanced Engineering Informatics</i> , 2020, 46, 101179.	4.0	14
16	UAV-Enabled Site-to-BIM Automation: Aerial Robotic- and Computer Vision-Based Development of As-Built/As-Is BIMs and Quality Control. , 2018, , .		13
17	Long-Term Numerical Analysis of Subsurface Delamination Detection in Concrete Slabs via Infrared Thermography. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4323.	1.3	10
18	Vision-Based Recognition of Dirt Loading Cycles in Construction Sites. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
19	Embodied Energy Assessment of Building Structural Systems Using Building Information Modeling. , 2018, , .		2
20	Integrating acceleration signal processing and image segmentation for condition assessment of asphalt roads. Canadian Journal of Civil Engineering, 2022, 49, 1095-1107.	0.7	2
21	BIM-based Decision Support System for Concrete Formwork Design. , 2019, , .		1
22	Active Control of a Pan-Tilt-Zoom Camera for Vision-Based Monitoring of Equipment in Construction and Surface Mining Jobsites. , 2016, , .		0