

Abbas Rashidi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

817
citations

636246

13
h-index

947420

15
g-index

22
all docs

22
docs citations

22
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive 3D reconstruction of infrastructure with videogrammetry. Automation in Construction, 2011, 20, 884-895.	10.0	160
2	Automated Methods for Activity Recognition of Construction Workers and Equipment: State-of-the-Art Review. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	4.0	122
3	Comparison of Image-Based and Time-of-Flight-Based Technologies for Three-Dimensional Reconstruction of Infrastructure. Journal of Construction Engineering and Management - ASCE, 2013, 139, 69-79.	4.0	116
4	Neurofuzzy Genetic System for Selection of Construction Project Managers. Journal of Construction Engineering and Management - ASCE, 2011, 137, 17-29.	4.0	82
5	Optimized selection of key frames for monocular videogrammetric surveying of civil infrastructure. Advanced Engineering Informatics, 2013, 27, 270-282.	8.3	54
6	Innovative Stereo Vision-Based Approach to Generate Dense Depth Map of Transportation Infrastructure. Transportation Research Record, 2011, 2215, 93-99.	1.8	52
7	Generating Absolute-Scale Point Cloud Data of Built Infrastructure Scenes Using a Monocular Camera Setting. Journal of Computing in Civil Engineering, 2015, 29, .	4.9	45
8	A Hybrid Kinematic-Acoustic System for Automated Activity Detection of Construction Equipment. Sensors, 2019, 19, 4286.	4.0	32
9	Using Unmanned Aerial Systems for Automated Fall Hazard Monitoring. , 2018, , .		23
10	Evaluation of Software and Hardware Settings for Audio-Based Analysis of Construction Operations. International Journal of Civil Engineering, 2019, 17, 1469-1480.	2.0	23
11	Highway Asset and Pavement Condition Management using Mobile Photogrammetry. Transportation Research Record, 2021, 2675, 296-307.	1.8	23
12	Video to BrIM: Automated 3D As-Built Documentation of Bridges. Journal of Performance of Constructed Facilities, 2018, 32, .	2.2	18
13	Review of Methods for Estimating Construction Work Zone Capacity. Transportation Research Record, 2021, 2675, 382-397.	1.8	15
14	A Markov Decision Process Workflow for Automating Interior Design. KSCE Journal of Civil Engineering, 2021, 25, 3199-3212.	1.9	15
15	Capturing Geometry for Labeling and Mapping Built Infrastructure: An Overview of Technologies. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2017, 41, 415-428.	1.9	12
16	Field Evaluation of N95 Filtering Facepiece Respirators on Construction Jobsites for Protection against Airborne Ultrafine Particles. International Journal of Environmental Research and Public Health, 2018, 15, 1958.	2.7	11
17	Point Cloud Data Cleaning and Refining for 3D As-Built Modeling of Built Infrastructure. , 2016, , .		8
18	Estimating Construction Work Zones Capacity Using Deep Neural Network. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
19	Implementing Haar Cascade Classifiers for Automated Rapid Detection of Light Aircraft at Local Airports. , 2022, , .		2
20	Automated Translation of Rebar Information from GPR Data into As-Built BIM: A Deep Learning-Based Approach. , 2022, , .		2
21	A Shearlet Transform-Based Method for Automated Rebar Recognition Using GPR B-Scan Image Data. , 2022, , .		0
22	Activity Recognition of Construction Equipment Using Generated Sound Data. , 2022, , .		0