

Jiannan Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/531398/publications.pdf>

Version: 2024-02-01

15
papers

196
citations

1162889

8
h-index

1199470

12
g-index

15
all docs

15
docs citations

15
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-step long short-term memory method for identifying construction activities through positional and attentional cues. <i>Automation in Construction</i> , 2019, 106, 102886.	4.8	35
2	A context-augmented deep learning approach for worker trajectory prediction on unstructured and dynamic construction sites. <i>Advanced Engineering Informatics</i> , 2020, 46, 101173.	4.0	35
3	Airborne infection risks of SARS-CoV-2 in U.S. schools and impacts of different intervention strategies. <i>Sustainable Cities and Society</i> , 2021, 74, 103188.	5.1	23
4	Empirical Analysis of Capital Structure Determinants in Infrastructure Projects under Public-Private Partnerships. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019, 145, .	2.0	20
5	Robust Hybrid Approach of Vision-Based Tracking and Radio-Based Identification and Localization for 3D Tracking of Multiple Construction Workers. <i>Journal of Computing in Civil Engineering</i> , 2020, 34, .	2.5	20
6	Metamodel-based state-dependent fragility modeling for Markovian sequential seismic damage assessment. <i>Engineering Structures</i> , 2021, 243, 112644.	2.6	11
7	Fusing Heterogeneous Information for Underground Utility Map Generation Based on Dempster-Shafer Theory. <i>Journal of Computing in Civil Engineering</i> , 2020, 34, 04020013.	2.5	10
8	Spatial Autocorrelation in Soil Compaction and Its Impact on Earthwork Acceptance Testing. <i>Transportation Research Record</i> , 2019, 2673, 332-342.	1.0	9
9	Multitask Learning Method for Detecting the Visual Focus of Attention of Construction Workers. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	2.0	7
10	Seeing through Disaster Rubble in 3D with Ground-Penetrating Radar and Interactive Augmented Reality for Urban Search and Rescue. <i>Journal of Computing in Civil Engineering</i> , 2022, 36, .	2.5	7
11	Accurate Mapping of Underground Utilities: An Information Fusion Approach Based on Dempster-Shafer Theory. , 2018, , .		6
12	Real option-based optimization for financial incentive allocation in infrastructure projects under public-private partnerships. <i>Frontiers of Engineering Management</i> , 2020, 7, 413-425.	3.3	6
13	Construction Worker Ergonomic Assessment via LSTM-Based Multi-Task Learning Framework. , 2022, , .		4
14	Estimating the Visual Attention of Construction Workers from Head Pose Using Convolutional Neural Network-Based Multi-Task Learning. , 2020, , .		2
15	Nationwide assessment of energy costs and policies to limit airborne infection risks in U.S. schools. <i>Journal of Building Engineering</i> , 2022, 45, 103533.	1.6	1