

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

1163117

8
h-index

1199594

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. Automation in Construction, 2019, 106, 102886.	9.8	35
2	A context-augmented deep learning approach for worker trajectory prediction on unstructured and dynamic construction sites. Advanced Engineering Informatics, 2020, 46, 101173.	8.0	35
3	Airborne infection risks of SARS-CoV-2 in U.S. schools and impacts of different intervention strategies. Sustainable Cities and Society, 2021, 74, 103188.	10.4	23
4	Empirical Analysis of Capital Structure Determinants in Infrastructure Projects under Public-Private Partnerships. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	3.8	20
5	Robust Hybrid Approach of Vision-Based Tracking and Radio-Based Identification and Localization for 3D Tracking of Multiple Construction Workers. Journal of Computing in Civil Engineering, 2020, 34, .	4.7	20
6	Metamodel-based state-dependent fragility modeling for Markovian sequential seismic damage assessment. Engineering Structures, 2021, 243, 112644.	5.3	11
7	Fusing Heterogeneous Information for Underground Utility Map Generation Based on Dempster-Shafer Theory. Journal of Computing in Civil Engineering, 2020, 34, 04020013.	4.7	10
8	Spatial Autocorrelation in Soil Compaction and Its Impact on Earthwork Acceptance Testing. Transportation Research Record, 2019, 2673, 332-342.	1.9	9
9	Multitask Learning Method for Detecting the Visual Focus of Attention of Construction Workers. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	3.8	7
10	Seeing through Disaster Rubble in 3D with Ground-Penetrating Radar and Interactive Augmented Reality for Urban Search and Rescue. Journal of Computing in Civil Engineering, 2022, 36, .	4.7	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. Frontiers of Engineering Management, 2020, 7, 413-425.	6.1	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. Journal of Building Engineering, 2022, 45, 103533.	3.4	1