

Chao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6856289/publications.pdf>

Version: 2024-02-01

12
papers

168
citations

1478280

6
h-index

1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	ANN-based automated scaffold builder activity recognition through wearable EMG and IMU sensors. Automation in Construction, 2021, 126, 103653.	4.8	57
2	Estimation of the degree of hydration of concrete through automated machine learning based microstructure analysis – A study on effect of image magnification. Advanced Engineering Informatics, 2019, 42, 100975.	4.0	33
3	Data Quality and Reliability Assessment of Wearable EMG and IMU Sensor for Construction Activity Recognition. Sensors, 2020, 20, 5264.	2.1	26
4	Real-Time Walking Gait Estimation for Construction Workers using a Single Wearable Inertial Measurement Unit (IMU). , 2021, , .		10
5	3D Printing in Construction: Current Status, Implementation Hindrances, and Development Agenda. Advances in Civil Engineering, 2021, 2021, 1-12.	0.4	9
6	Estimating manufacturing electricity costs by simulating dependence between production parameters. Robotics and Computer-Integrated Manufacturing, 2019, 55, 129-140.	6.1	8
7	Workforce productivity evaluation of the US construction industry from 2006 to 2016. Engineering, Construction and Architectural Management, 2021, 28, 55-81.	1.8	8
8	Gesture Recognition–Based Smart Training Assistant System for Construction Worker Earplug-Wearing Training. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	6
9	Vulnerability Assessment of Community-Interdependent Infrastructure Network Based on PSDA. Journal of Infrastructure Systems, 2020, 26, .	1.0	5
10	Industrial Energy Assessment Training Effectiveness Evaluation: An Eye-Tracking Study. Sensors, 2021, 21, 1584.	2.1	3
11	Information Technology and the Built Environment. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	2
12	An Integrated Energy Simulation Model of a Compressed Air System for Sustainable Manufacturing: A Time-Discretized Approach. Sustainability, 2021, 13, 10340.	1.6	1