Chao Wang

List of Publications by Year
in descending order

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