

# Chao Wang

## List of Publications by Year in descending order

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9  
papers

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citations

1163117

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h-index

1474206

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g-index

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9  
docs citations

9  
times ranked

284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of mesoscopic pore characteristics on the splitting-tensile strength of cellular concrete through deep-learning based image segmentation. <i>Construction and Building Materials</i> , 2022, 315, 125335.	7.2	11
2	An Integrated Energy Simulation Model of a Compressed Air System for Sustainable Manufacturing: A Time-Discretized Approach. <i>Sustainability</i> , 2021, 13, 10340.	3.2	1
3	Effects of a passive upper extremity exoskeleton for overhead tasks. <i>Journal of Electromyography and Kinesiology</i> , 2020, 55, 102478.	1.7	29
4	Data Quality and Reliability Assessment of Wearable EMG and IMU Sensor for Construction Activity Recognition. <i>Sensors</i> , 2020, 20, 5264.	3.8	26
5	Minimizing total energy cost and tardiness penalty for a scheduling-layout problem in a flexible job shop system: A comparison of four metaheuristic algorithms. <i>Computers and Industrial Engineering</i> , 2020, 141, 106295.	6.3	37
6	Estimating manufacturing electricity costs by simulating dependence between production parameters. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 55, 129-140.	9.9	8
7	Effects of wearable power assist device on low back fatigue during repetitive lifting tasks. <i>Clinical Biomechanics</i> , 2019, 70, 59-65.	1.2	24
8	Estimation of the degree of hydration of concrete through automated machine learning based microstructure analysis – A study on effect of image magnification. <i>Advanced Engineering Informatics</i> , 2019, 42, 100975.	8.0	33
9	An evaluation of the impact of environmental regulation on the efficiency of technology innovation using the combined DEA model: A case study of Xi'an, China. <i>Sustainable Cities and Society</i> , 2018, 42, 355-369.	10.4	108