

Ying Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,381
citations

20
h-index

37
g-index

47
ext. papers

1,835
ext. citations

6.5
avg, IF

5.23
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 42 | Intelligent Fangcang Shelter Hospital Systems for Major Public Health Emergencies: The Case of the Optics Valley Fangcang Shelter Hospital. <i>Journal of Management in Engineering - ASCE</i> , 2022 , 38, 05021010 ⁴ | 5.3 | 10 |
| 41 | Automated Selection and Localization of Mobile Cranes in Construction Planning. <i>Buildings</i> , 2022 , 12, 580 | 3.2 | 1 |
| 40 | Prevalence and associated factors for workplace violence among general practitioners in China: a national cross-sectional study.. <i>Human Resources for Health</i> , 2022 , 20, 42 | 4.6 | 0 |
| 39 | An Adaptable Conceptual Model for Construction Technology Transfer: The BRI in Africa, the Case of Ethiopia. <i>Sustainability</i> , 2021 , 13, 3376 | 3.6 | |
| 38 | An Experiment-Based Simplified Method for the Model of Building Groups in CFD Simulation. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-13 | 1.3 | |
| 37 | Efficiency and productivity of county-level traditional Chinese medicine hospitals in Hubei Province, China: A retrospective study based on 17 years of panel data. <i>International Journal of Health Planning and Management</i> , 2021 , 36, 1308-1325 | 2.2 | 2 |
| 36 | Machine learning in construction: From shallow to deep learning. <i>Developments in the Built Environment</i> , 2021 , 6, 100045 | 5.1 | 22 |
| 35 | Effects of long-term household air pollution exposure from solid fuel use on depression: Evidence from national longitudinal surveys from 2011 to 2018. <i>Environmental Pollution</i> , 2021 , 283, 117350 | 9.3 | 12 |
| 34 | Holistic green BIM: a scientometrics and mixed review. <i>Engineering, Construction and Architectural Management</i> , 2020 , ahead-of-print, | 3.1 | 4 |
| 33 | Quantifying the evolution of settlement risk for surrounding environments in underground construction via complex network analysis. <i>Tunnelling and Underground Space Technology</i> , 2020 , 103, 103490 | 5.7 | 6 |
| 32 | Rework, Failures, and Unsafe Behavior: Moving Toward an Error Management Mindset in Construction. <i>IEEE Transactions on Engineering Management</i> , 2020 , 1-13 | 2.6 | 5 |
| 31 | UAV-based 3D reconstruction for hoist site mapping and layout planning in petrochemical construction. <i>Automation in Construction</i> , 2020 , 113, 103137 | 9.6 | 22 |
| 30 | Design and automated assembly of Planetary LEGO Brick for lunar in-situ construction. <i>Automation in Construction</i> , 2020 , 118, 103282 | 9.6 | 3 |
| 29 | BIM-based task-level planning for robotic brick assembly through image-based 3D modeling. <i>Advanced Engineering Informatics</i> , 2020 , 43, 100993 | 7.4 | 21 |
| 28 | Residential environment and depressive symptoms among Chinese middle- and old-aged adults: A longitudinal population-based study. <i>Health and Place</i> , 2020 , 66, 102463 | 4.6 | 1 |
| 27 | Unsupervised spectral clustering for shield tunneling machine monitoring data with complex network theory. <i>Automation in Construction</i> , 2019 , 107, 102924 | 9.6 | 14 |
| 26 | A CNN-based 3D patch registration approach for integrating sequential models in support of progress monitoring. <i>Advanced Engineering Informatics</i> , 2019 , 41, 100923 | 7.4 | 12 |

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| 25 | Human dynamics in near-miss accidents resulting from unsafe behavior of construction workers. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 530, 121495 | 3.3 | 7 |
| 24 | Dynamic prediction for attitude and position in shield tunneling: A deep learning method. <i>Automation in Construction</i> , 2019 , 105, 102840 | 9.6 | 38 |
| 23 | Hybrid Support Vector Machine Optimization Model for Prediction of Energy Consumption of Cutter Head Drives in Shield Tunneling. <i>Journal of Computing in Civil Engineering</i> , 2019 , 33, 04019019 | 5 | 20 |
| 22 | Virtual pre-assembly for large steel structures based on BIM, PLP algorithm, and 3D measurement. <i>Frontiers of Engineering Management</i> , 2019 , 6, 207-220 | 2.7 | 7 |
| 21 | Visibility graph analysis on time series of shield tunneling parameters based on complex network theory. <i>Tunnelling and Underground Space Technology</i> , 2019 , 89, 10-24 | 5.7 | 18 |
| 20 | The nature and severity of workplace injuries in construction: engendering operational benchmarking. <i>Ergonomics</i> , 2019 , 62, 1273-1288 | 2.9 | 9 |
| 19 | Three-dimensional (3D) reconstruction of structures and landscapes: A new point-and-line fusion method. <i>Advanced Engineering Informatics</i> , 2019 , 42, 100961 | 7.4 | 7 |
| 18 | Combining association rules mining with complex networks to monitor coupled risks. <i>Reliability Engineering and System Safety</i> , 2019 , 186, 194-208 | 6.3 | 18 |
| 17 | Intelligent Approach Based on Random Forest for Safety Risk Prediction of Deep Foundation Pit in Subway Stations. <i>Journal of Computing in Civil Engineering</i> , 2019 , 33, 05018004 | 5 | 39 |
| 16 | Topological mapping and assessment of multiple settlement time series in deep excavation: A complex network perspective. <i>Advanced Engineering Informatics</i> , 2018 , 36, 1-19 | 7.4 | 15 |
| 15 | Using Bayesian network for safety risk analysis of diaphragm wall deflection based on field data. <i>Reliability Engineering and System Safety</i> , 2018 , 180, 152-167 | 6.3 | 41 |
| 14 | Utilizing IFC for shield segment assembly in underground tunneling. <i>Automation in Construction</i> , 2018 , 93, 178-191 | 9.6 | 22 |
| 13 | Implementation of augmented reality for segment displacement inspection during tunneling construction. <i>Automation in Construction</i> , 2017 , 82, 112-121 | 9.6 | 80 |
| 12 | Formulating project-level building information modeling evaluation framework from the perspectives of organizations: A review. <i>Automation in Construction</i> , 2017 , 81, 44-55 | 9.6 | 25 |
| 11 | An IFC-inspection process model for infrastructure projects: Enabling real-time quality monitoring and control. <i>Automation in Construction</i> , 2017 , 84, 96-110 | 9.6 | 31 |
| 10 | The impact of occupants' behaviours on building energy analysis: A research review. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 80, 1061-1071 | 16.2 | 218 |
| 9 | Predicting Safety Risks in Deep Foundation Pits in Subway Infrastructure Projects: Support Vector Machine Approach. <i>Journal of Computing in Civil Engineering</i> , 2017 , 31, 04017052 | 5 | 53 |
| 8 | Applicability of 4D modeling for resource allocation in mega liquefied natural gas plant construction. <i>Automation in Construction</i> , 2015 , 50, 50-63 | 9.6 | 39 |

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| 7 | Building Information Modeling (BIM) application framework: The process of expanding from 3D to computable nD. <i>Automation in Construction</i> , 2014 , 46, 82-93 | 9.6 | 170 |
| 6 | Integrating Augmented Reality with Building Information Modeling: Onsite construction process controlling for liquefied natural gas industry. <i>Automation in Construction</i> , 2014 , 40, 96-105 | 9.6 | 133 |
| 5 | Application of 4D visualization technology for safety management in metro construction. <i>Automation in Construction</i> , 2013 , 34, 25-36 | 9.6 | 92 |
| 4 | Using nD technology to develop an integrated construction management system for city rail transit construction. <i>Automation in Construction</i> , 2012 , 21, 64-73 | 9.6 | 56 |
| 3 | Ontology-based semantic modeling of regulation constraint for automated construction quality compliance checking. <i>Automation in Construction</i> , 2012 , 28, 58-70 | 9.6 | 83 |
| 2 | Study on safety control for Wuhan metro construction in complex environments. <i>International Journal of Project Management</i> , 2011 , 29, 797-807 | 7.6 | 27 |
| 1 | Research and Application on 6D Integrated System in Metro Construction Based on BIM. <i>Applied Mechanics and Materials</i> , 2010 , 26-28, 241-245 | 0.3 | 4 |