

Zhao Xu

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.

27 papers	276 citations	9 h-index	16 g-index
29 ext. papers	370 ext. citations	3.3 avg, IF	3.96 L-index

#	Paper	IF	Citations
27	Automatic Classification and Coding of Prefabricated Components Using IFC and the Random Forest Algorithm. <i>Buildings</i> , 2022 , 12, 688	3.2	
26	The Influence of Cultural Intelligence and Institutional Distance of Chinese and Korean Contractors on the Performance of International Construction Projects. <i>KSCE Journal of Civil Engineering</i> , 2021 , 25, 3223-3234	1.9	2
25	Research on the Construction Effect Evaluation System of Smart CBD: A Case Study in Jiangbei New District, Nanjing, China. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-19	1.3	0
24	Developing a BIM-enabled building lifecycle management system for owners: Architecture and case scenario. <i>Automation in Construction</i> , 2021 , 129, 103814	9.6	5
23	A building information modeling-based tool for estimating building demolition waste and evaluating its environmental impacts. <i>Waste Management</i> , 2021 , 134, 159-169	8.6	7
22	3D Reconstruction and Measurement of Surface Defects in Prefabricated Elements Using Point Clouds. <i>Journal of Computing in Civil Engineering</i> , 2020 , 34, 04020033	5	14
21	An IDM-Based Approach for Information Requirement in Prefabricated Construction. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-21	1.3	3
20	Relationship between Social Media and ASCE Code of Ethics: Review and Case-Based Discussion. <i>Journal of Civil Engineering Education</i> , 2020 , 146, 05019002	1.1	2
19	Combining IFC and 3D tiles to create 3D visualization for building information modeling. <i>Automation in Construction</i> , 2020 , 109, 102995	9.6	22
18	The Integrated Hydropower Sustainability Assessment in Tajikistan: A Case Study of Rogun Hydropower Plant. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-18	1.3	1
17	Modeling and performance evaluation of PPP projects utilizing IFC extension and enhanced matter-element method. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 1763-1794	3.1	5
16	Developing a building information modeling-based performance management system for public-private partnerships. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 1727-1762	3.1	9
15	A Grey-BPNN Model for Evaluating the Competitiveness of Chinese Contractors in the High-Speed Rail Market in Europe. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-19	1.3	2
14	Correlative Impact of Shading Strategies and Configurations Design on Pedestrian-Level Thermal Comfort in Traditional Shophouse Neighbourhoods, Southern China. <i>Sustainability</i> , 2019 , 11, 1355	3.6	10
13	Challenges and Solutions to Air Transportation in Guinea: A Case Study on the Revival of the National Airline. <i>Journal of Asian and African Studies</i> , 2019 , 54, 858-879	0.7	
12	Developing an Extended IFC Data Schema and Mesh Generation Framework for Finite Element Modeling. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-19	1.3	3
11	Critical review of building handover-related research in construction and facility management journals. <i>Engineering, Construction and Architectural Management</i> , 2019 , 28, 154-173	3.1	4

10	Study on the Evaluation Method of Green Construction Based on Ontology and BIM. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-20	1.3	4
9	Integration of BIM and Energy Consumption Modelling for Manufacturing Prefabricated Components: A Case Study in China. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-18	1.3	8
8	Modeling and problem solving of building defects using point clouds and enhanced case-based reasoning. <i>Automation in Construction</i> , 2018 , 96, 40-54	9.6	11
7	Developing an IFC-Based Database for Construction Quality Evaluation. <i>Advances in Civil Engineering</i> , 2018 , 2018, 1-22	1.3	10
6	3D visualization for building information models based upon IFC and WebGL integration. <i>Multimedia Tools and Applications</i> , 2016 , 75, 17421-17441	2.5	22
5	Study on Building Information Modeling Based Life Cycle Assessment of Environmental Impacts and Decision Making Analysis for Building Construction. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 7212-7225	0.3	1
4	Integrating the empirical models of benchmark land price and GIS technology for sustainability analysis of urban residential development. <i>Habitat International</i> , 2014 , 44, 79-92	4.6	20
3	Combining system dynamics model, GIS and 3D visualization in sustainability assessment of urban residential development. <i>Building and Environment</i> , 2012 , 47, 272-287	6.5	108
2	An ANP-SD Model for the Early Warning Analysis of Sustainable Residential Development 2011 ,		2
1	Application of System Dynamics, GIS and 3D Visualization in a Study of Residential Sustainability. <i>Lecture Notes in Computer Science</i> , 2011 , 300-314	0.9	0