

List of Publications by Citations

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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.

23 papers	578 citations	10 h-index	24 g-index
27 ext. papers	808 ext. citations	5.4 avg, IF	4.62 L-index

#	Paper	IF	Citations
23	Building information modelling for off-site construction: Review and future directions. <i>Automation in Construction</i> , 2019 , 101, 72-91	9.6	121
22	BIM-based integrated approach for detailed construction scheduling under resource constraints. <i>Automation in Construction</i> , 2015 , 53, 29-43	9.6	110
21	Integrated production planning and control system for a panelized home prefabrication facility using simulation and RFID. <i>Automation in Construction</i> , 2018 , 85, 369-383	9.6	65
20	Ontology-based semantic approach for construction-oriented quantity take-off from BIM models in the light-frame building industry. <i>Advanced Engineering Informatics</i> , 2016 , 30, 190-207	7.4	54
19	Virtual reality applications for the built environment: Research trends and opportunities. <i>Automation in Construction</i> , 2020 , 118, 103311	9.6	49
18	A BIM-based framework for operation and maintenance of utility tunnels. <i>Tunnelling and Underground Space Technology</i> , 2020 , 97, 103252	5.7	36
17	BIM-based automated design and planning for boarding of light-frame residential buildings. <i>Automation in Construction</i> , 2018 , 89, 235-249	9.6	34
16	Spatial gaps in urban public transport supply and demand from the perspective of sustainability. <i>Journal of Cleaner Production</i> , 2018 , 195, 1237-1248	10.3	32
15	Towards sustainable construction: BIM-enabled design and planning of roof sheathing installation for prefabricated buildings. <i>Journal of Cleaner Production</i> , 2019 , 235, 1189-1201	10.3	32
14	User-centered interior finishing material selection: An immersive virtual reality-based interactive approach. <i>Automation in Construction</i> , 2019 , 106, 102884	9.6	11
13	An integrated decision support system for building asset management based on BIM and Work Breakdown Structure. <i>Journal of Building Engineering</i> , 2021 , 34, 101959	5.2	7
12	An Automatic Scheduling Approach: Building Information Modeling-based Onsite Scheduling for Panelized Construction 2014 ,		5
11	A Robust Construction Safety Performance Evaluation Framework for Workers' Compensation Insurance: A Proposed Alternative to EMR. <i>Buildings</i> , 2021 , 11, 434	3.2	4
10	OPTIMIZING MULTI-WALL PANEL CONFIGURATION FOR PANELIZED CONSTRUCTION USING BIM. <i>Proceedings of International Structural Engineering and Construction</i> , 2017 , 4,	1.4	3
9	Design for Manufacturing and Assembly: A BIM-Enabled Generative Framework for Building Panelization Design. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-14	1.3	3
8	A Dynamic Just-in-Time Component Delivery Framework for Off-Site Construction. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-19	1.3	3
7	A Knowledge-Based Approach Towards Automated Manufacturing-Centric BIM: Wood Frame Design and Modelling for Light-Frame Buildings. <i>Modular and Offsite Construction (MOC) Summit Proceedings</i> , 100-107		2

6	Building Information Modelling- (BIM-) Based Generative Design for Drywall Installation Planning in Prefabricated Construction. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-16	1.3	2
5	An Evaluation Method for Effective Prestress of Simply Supported Prestressed Concrete Beams with Breathing Cracks. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-14	1.3	1
4	Holistic Framework for Highway Construction Cost Index Development Based on Inconsistent Pay Items. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147,	4.2	1
3	Mobile Crowdsourcing-based Data Collection for User-centered Facility Maintenance Management. <i>Canadian Journal of Civil Engineering</i> ,	1.3	1
2	Towards Automated Construction Quantity Take-Off: An Integrated Approach to Information Extraction from Work Descriptions. <i>Buildings</i> , 2022 , 12, 354	3.2	
1	Parametric-based design optimization of air distribution system in panelized construction. <i>Journal of Building Engineering</i> , 2022 , 51, 104254	5.2	