

Jia-Rui Lin

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.

26

papers

311

citations

10

h-index

17

g-index

33

ext. papers

454

ext. citations

5.8

avg, IF

4.23

L-index

#	Paper	IF	Citations
26	A Natural-Language-Based Approach to Intelligent Data Retrieval and Representation for Cloud BIM. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2016 , 31, 18-33	8.4	67
25	A hybrid data mining approach on BIM-based building operation and maintenance. <i>Building and Environment</i> , 2017 , 126, 483-495	6.5	53
24	A multi-server information-sharing environment for cross-party collaboration on a private cloud. <i>Automation in Construction</i> , 2017 , 81, 180-195	9.6	29
23	Work package-based information modeling for resource-constrained scheduling of construction projects. <i>Automation in Construction</i> , 2020 , 109, 102958	9.6	24
22	Visualization of indoor thermal environment on mobile devices based on augmented reality and computational fluid dynamics. <i>Automation in Construction</i> , 2019 , 103, 26-40	9.6	23
21	BIM- and IoT-based monitoring framework for building performance management. <i>Journal of Structural Integrity and Maintenance</i> , 2018 , 3, 254-261	1.5	16
20	Building information modeling-based cyber-physical platform for building performance monitoring. <i>International Journal of Distributed Sensor Networks</i> , 2020 , 16, 155014772090817	1.7	14
19	Semantic classification and hash code accelerated detection of design changes in BIM models. <i>Automation in Construction</i> , 2020 , 115, 103212	9.6	13
18	Automating closed-loop structural safety management for bridge construction through multisource data integration. <i>Advances in Engineering Software</i> , 2019 , 128, 152-168	3.6	13
17	Understanding On-Site Inspection of Construction Projects Based on Keyword Extraction and Topic Modeling. <i>IEEE Access</i> , 2020 , 8, 198503-198517	3.5	11
16	A Hybrid Data Mining Method for Tunnel Engineering Based on Real-Time Monitoring Data From Tunnel Boring Machines. <i>IEEE Access</i> , 2020 , 8, 90430-90449	3.5	10
15	A Review on 3D Spatial Data Analytics for Building Information Models. <i>Archives of Computational Methods in Engineering</i> , 2020 , 27, 1449-1463	7.8	9
14	Multiaspect Similarity Evaluation of BIM-Based Standard Dwelling Units for Residential Design. <i>Journal of Computing in Civil Engineering</i> , 2018 , 32, 04018032	5	6
13	Linking data model and formula to automate KPI calculation for building performance benchmarking. <i>Energy Reports</i> , 2021 , 7, 1326-1337	4.6	5
12	Knowledge Extraction and Discovery Based on BIM: A Critical Review and Future Directions. <i>Archives of Computational Methods in Engineering</i> , 1	7.8	3
11	Classification and Exemplary BIM Models Development of Design Changes 2019 ,		2
10	Ontology-Based Semantic Retrieval Method of Energy Consumption Management 2019 , 231-238		2

9	A Framework for the Automatic Integration and Diagnosis of Building Energy Consumption Data. <i>Sensors</i> , 2021 , 21,	3.8	2
8	BIM-Based Plan Modeling System at Preliminary Stage for Residential Real Estate Projects 2014 ,		1
7	An approach to twinning and mining collaborative network of construction projects. <i>Automation in Construction</i> , 2021 , 125, 103643	9.6	1
6	How human-robot collaboration impacts construction productivity: An agent-based multi-fidelity modeling approach. <i>Advanced Engineering Informatics</i> , 2022 , 52, 101589	7.4	1
5	A Data Integration and Simplification Framework for Improving Site Planning and Building Design. <i>IEEE Access</i> , 2021 , 9, 148845-148861	3.5	0
4	Rule-based information extraction for mechanical-electrical-plumbing-specific semantic web. <i>Automation in Construction</i> , 2022 , 135, 104108	9.6	0
3	Framing and Evaluating the Best Practices of IFC-Based Automated Rule Checking: A Case Study. <i>Buildings</i> , 2021 , 11, 456	3.2	0
2	Bibliometric review of visual computing in the construction industry. <i>Visual Computing for Industry, Biomedicine, and Art</i> , 2020 , 3, 14	2.9	0
1	Digital Twin-Based Investigation of a Building Collapse Accident. <i>Advances in Civil Engineering</i> , 2022 , 2022, 1-13	1.3	