

Jia-Rui Lin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8232322/jia-rui-lin-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Rule-based information extraction for mechanical-electrical-plumbing-specific semantic web. <i>Automation in Construction</i> , 2022 , 135, 104108	9.6	0
25	Digital Twin-Based Investigation of a Building Collapse Accident. <i>Advances in Civil Engineering</i> , 2022 , 2022, 1-13	1.3	
24	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
23	A Data Integration and Simplification Framework for Improving Site Planning and Building Design. <i>IEEE Access</i> , 2021 , 9, 148845-148861	3.5	0
22	Framing and Evaluating the Best Practices of IFC-Based Automated Rule Checking: A Case Study. <i>Buildings</i> , 2021 , 11, 456	3.2	0
21	An approach to twinning and mining collaborative network of construction projects. <i>Automation in Construction</i> , 2021 , 125, 103643	9.6	1
20	A Framework for the Automatic Integration and Diagnosis of Building Energy Consumption Data. <i>Sensors</i> , 2021 , 21,	3.8	2
19	Linking data model and formula to automate KPI calculation for building performance benchmarking. <i>Energy Reports</i> , 2021 , 7, 1326-1337	4.6	5
18	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
17	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
16	Semantic classification and hash code accelerated detection of design changes in BIM models. <i>Automation in Construction</i> , 2020 , 115, 103212	9.6	13
15	Bibliometric review of visual computing in the construction industry. <i>Visual Computing for Industry, Biomedicine, and Art</i> , 2020 , 3, 14	2.9	0
14	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
13	Work package-based information modeling for resource-constrained scheduling of construction projects. <i>Automation in Construction</i> , 2020 , 109, 102958	9.6	24
12	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
11	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
10	Classification and Exemplary BIM Models Development of Design Changes 2019 ,		2

9	Ontology-Based Semantic Retrieval Method of Energy Consumption Management 2019 , 231-238		2
8	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
7	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
6	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
5	A hybrid data mining approach on BIM-based building operation and maintenance. <i>Building and Environment</i> , 2017 , 126, 483-495	6.5	53
4	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
3	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
2	BIM-Based Plan Modeling System at Preliminary Stage for Residential Real Estate Projects 2014 ,		1
1	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