

Xiao Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2251797/publications.pdf>

Version: 2024-02-01

30
papers

2,396
citations

331259

21
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

1542
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of virtual and augmented reality (VR/AR) applications in construction safety. Automation in Construction, 2018, 86, 150-162.	4.8	606
2	An Internet of Things-enabled BIM platform for on-site assembly services in prefabricated construction. Automation in Construction, 2018, 89, 146-161.	4.8	274
3	A State-of-the-Art Review on the Integration of Building Information Modeling (BIM) and Geographic Information System (GIS). ISPRS International Journal of Geo-Information, 2017, 6, 53.	1.4	248
4	Mapping the knowledge domains of Building Information Modeling (BIM): A bibliometric approach. Automation in Construction, 2017, 84, 195-206.	4.8	209
5	Integrating Building Information Modeling and Prefabrication Housing Production. Automation in Construction, 2019, 100, 46-60.	4.8	134
6	Blockchain-Enabled IoT-BIM Platform for Supply Chain Management in Modular Construction. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	85
7	RBL-PHP: Simulation of Lean Construction and Information Technologies for Prefabrication Housing Production. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	78
8	Two-layer Adaptive Blockchain-based Supervision model for off-site modular housing production. Computers in Industry, 2021, 128, 103437.	5.7	77
9	Exploring smart construction objects as blockchain oracles in construction supply chain management. Automation in Construction, 2021, 129, 103816.	4.8	74
10	A model for simulating schedule risks in prefabrication housing production: A case study of six-day cycle assembly activities in Hong Kong. Journal of Cleaner Production, 2018, 185, 366-381.	4.6	69
11	Supply Chain Management for Prefabricated Building Projects in Hong Kong. Journal of Management in Engineering - ASCE, 2020, 36, .	2.6	67
12	Linking permissioned blockchain to Internet of Things (IoT)-BIM platform for off-site production management in modular construction. Computers in Industry, 2022, 135, 103573.	5.7	59
13	Blockchain Technology for Governmental Supervision of Construction Work: Learning from Digital Currency Electronic Payment Systems. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	52
14	Using cooperative game theory to determine profit distribution in IPD projects. International Journal of Construction Management, 2019, 19, 32-45.	2.2	47
15	Using Blockchain to Improve Information Sharing Accuracy in the Onsite Assembly of Modular Construction. Journal of Management in Engineering - ASCE, 2022, 38, .	2.6	39
16	Smart work packaging-enabled constraint-free path re-planning for tower crane in prefabricated products assembly process. Advanced Engineering Informatics, 2020, 43, 101008.	4.0	38
17	Mapping the knowledge domain of stakeholder perspective studies in construction projects: A bibliometric approach. International Journal of Project Management, 2020, 38, 313-326.	2.7	34
18	Foundation pit displacement monitoring and prediction using least squares support vector machines based on multi-point measurement. Structural Health Monitoring, 2019, 18, 715-724.	4.3	29

#	ARTICLE	IF	CITATIONS
19	Developing a conceptual framework of smart work packaging for constraints management in prefabrication housing production. <i>Advanced Engineering Informatics</i> , 2019, 42, 100938.	4.0	28
20	Adopting lean thinking in virtual reality-based personalized operation training using value stream mapping. <i>Automation in Construction</i> , 2020, 119, 103355.	4.8	28
21	Federated transfer learning enabled smart work packaging for preserving personal image information of construction worker. <i>Automation in Construction</i> , 2021, 128, 103738.	4.8	26
22	Effects of dataset characteristics on the performance of fatigue detection for crane operators using hybrid deep neural networks. <i>Automation in Construction</i> , 2021, 132, 103901.	4.8	20
23	SWP-enabled constraints modeling for on-site assembly process of prefabrication housing production. <i>Journal of Cleaner Production</i> , 2019, 239, 117991.	4.6	18
24	Ontology-based mapping approach for automatic work packaging in modular construction. <i>Automation in Construction</i> , 2022, 134, 104083.	4.8	18
25	Modeling Constraints for the On-Site Assembly Process of Prefabrication Housing Production: A Social Network Analysis. <i>Sustainability</i> , 2019, 11, 1387.	1.6	16
26	Big Data-Driven Pedestrian Analytics: Unsupervised Clustering and Relational Query Based on Tencent Street View Photographs. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 561.	1.4	11
27	Comparative research of AR and VR technology based on user experience. , 2014, , .		5
28	Nomenclature for offsite construction. <i>Building Research and Information</i> , 2022, 50, 894-908.	2.0	4
29	A Data-Driven Approach to Trace the Development of Lean Construction in Building Projects: Topic Shift and Main Paths. <i>Buildings</i> , 2022, 12, 616.	1.4	2
30	Prioritizing Operational Considerations of Crane Operator Training for Modular Integrated Construction. , 2020, , .		0