Xiao Li

List of Publications by Year in descending order

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	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
2	Blockchain-Enabled IoT-BIM Platform for Supply Chain Management in Modular Construction. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	85
3	Ontology-based mapping approach for automatic work packaging in modular construction. Automation in Construction, 2022, 134, 104083.	4.8	18
4	Nomenclature for offsite construction. Building Research and Information, 2022, 50, 894-908.	2.0	4
5	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
6	A Data-Driven Approach to Trace the Development of Lean Construction in Building Projects: Topic Shift and Main Paths. Buildings, 2022, 12, 616.	1.4	2
7	Two-layer Adaptive Blockchain-based Supervision model for off-site modular housing production. Computers in Industry, 2021, 128, 103437.	5.7	77
8	Federated transfer learning enabled smart work packaging for preserving personal image information of construction worker. Automation in Construction, 2021, 128, 103738.	4.8	26
9	Big Data-Driven Pedestrian Analytics: Unsupervised Clustering and Relational Query Based on Tencent Street View Photographs. ISPRS International Journal of Geo-Information, 2021, 10, 561.	1.4	11
10	Exploring smart construction objects as blockchain oracles in construction supply chain management. Automation in Construction, 2021, 129, 103816.	4.8	74
11	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
12	Effects of dataset characteristics on the performance of fatigue detection for crane operators using hybrid deep neural networks. Automation in Construction, 2021, 132, 103901.	4.8	20
13	Supply Chain Management for Prefabricated Building Projects in Hong Kong. Journal of Management in Engineering - ASCE, 2020, 36, .	2.6	67
14	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
15	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
16	Adopting lean thinking in virtual reality-based personalized operation training using value stream mapping. Automation in Construction, 2020, 119, 103355.	4.8	28
17	Prioritizing Operational Considerations of Crane Operator Training for Modular Integrated Construction. , 2020, , .		0
18	SWP-enabled constraints modeling for on-site assembly process of prefabrication housing production. Journal of Cleaner Production, 2019, 239, 117991.	4.6	18

#	Article	IF	Citations
19	Developing a conceptual framework of smart work packaging for constraints management in prefabrication housing production. Advanced Engineering Informatics, 2019, 42, 100938.	4.0	28
20	Modeling Constraints for the On-Site Assembly Process of Prefabrication Housing Production: A Social Network Analysis. Sustainability, 2019, 11, 1387.	1.6	16
21	Integrating Building Information Modeling and Prefabrication Housing Production. Automation in Construction, 2019, 100, 46-60.	4.8	134
22	Using cooperative game theory to determine profit distribution in IPD projects. International Journal of Construction Management, 2019, 19, 32-45.	2.2	47
23	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
24	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
25	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
26	RBL-PHP: Simulation of Lean Construction and Information Technologies for Prefabrication Housing Production. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	78
27	A critical review of virtual and augmented reality (VR/AR) applications in construction safety. Automation in Construction, 2018, 86, 150-162.	4.8	606
28	Mapping the knowledge domains of Building Information Modeling (BIM): A bibliometric approach. Automation in Construction, 2017, 84, 195-206.	4.8	209
29	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
30	Comparative research of AR and VR technology based on user experience. , 2014, , .		5