Mi Pan

List of Publications by Year
in descending order

24	674	623188	839053
papers	citations	14	18
		h-index	g-index

24	24	24	399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A framework of indicators for assessing construction automation and robotics in the sustainability context. Journal of Cleaner Production, 2018, 182, 82-95.	4.6	118
2	Determinants of Adoption of Robotics in Precast Concrete Production for Buildings. Journal of Management in Engineering - ASCE, 2019, 35, .	2.6	63
3	â€˜Co-evolution through interactionâ€™ of innovative building technologies: The case of modular integrated construction and robotics. Automation in Construction, 2019, 107, 102932.	4.8	59
4	Sources of Uncertainties in Offsite Logistics of Modular Construction for High-Rise Building Projects. Journal of Management in Engineering - ASCE, 2021, 37, .	2.6	58
5	A dialectical system framework of zero carbon emission building policy for high-rise high-density cities: Perspectives from Hong Kong. Journal of Cleaner Production, 2018, 205, 1-13.	4.6	49
6	Structuring the context for construction robot development through integrated scenario approach. Automation in Construction, 2020, 114, 103174.	4.8	41
7	Influencing factors of the future utilisation of construction robots for buildings: A Hong Kong perspective. Journal of Building Engineering, 2020, 30, 101220.	1.6	38
8	Understanding the Determinants of Construction Robot Adoption: Perspective of Building Contractors. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	37
9	Palm Vein Recognition Based on Three Local Invariant Feature Extraction Algorithms. Lecture Notes in Computer Science, 2011, , 116-124.	1.0	33
10	Stakeholder Perceptions of the Future Application of Construction Robots for Buildings in a Dialectical System Framework. Journal of Management in Engineering - ASCE, 2020, 36, .	2.6	32
11	Drivers, barriers and strategies for zero carbon buildings in high-rise high-density cities. Energy and Buildings, 2021, 242, 110970.	3.1	30
12	Artificial Intelligence and Robotics for Prefabricated and Modular Construction: A Systematic Literature Review. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	23
13	Opportunities and risks of implementing zero-carbon building policy for cities: Hong Kong case. Applied Energy, 2019, 256, 113835.	5.1	17
14	Knowledge, attitude and practice towards zero carbon buildings: Hong Kong case. Journal of Cleaner Production, 2020, 274, 122819.	4.6	15
15	A â€˜demand-supply-regulation-institutionâ€™ stakeholder partnership model of delivering zero carbon buildings. Sustainable Cities and Society, 2020, 62, 102359.	5.1	15
16	Critical considerations on tower crane layout planning for high-rise modular integrated construction. Engineering, Construction and Architectural Management, 2022, 29, 2615-2634.	1.8	13
17	Integrated Offsite Logistics Scheduling Approach for High-Rise Modular Building Projects. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	12
18	Identification of Usage Scenarios for Robotic Exoskeletons in the Context of the Hong Kong Construction Industry. , 2018, , .		7

#	Article	IF	Citations
19	Rethinking lean synergistically inÂpractice for construction industry improvements. Engineering, Construction and Architectural Management, 2023, 30, 2669-2690.	1.8	4
20	Performance analysis of scheduling rules in remanufacturing operations using stochastic Petri nets. , 2014, , .		3
21	A Framework for Utilizing Automated and Robotic Construction for Sustainable Building. , 2018, , 79-88.		3
22	Virtual Prototyping-Based Path Planning of Unmanned Aerial Vehicles for Building Exterior Inspection. , 2020, , .		2
23	Motion planning for efficient and safe module transportation in modular integrated construction. Computer-Aided Civil and Infrastructure Engineering, 0, , .	6.3	2
24	A Novel Methodological Framework of Smart Project Delivery of Modular Integrated Construction. , 2020, , .		0