

Qian Chen

List of Publications by Citations

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Version: 2024-04-27

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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.

10
papers

153
citations

6
h-index

12
g-index

18
ext. papers

232
ext. citations

4.6
avg, IF

3.73
L-index

#	Paper	IF	Citations
10	Construction automation: Research areas, industry concerns and suggestions for advancement. <i>Automation in Construction</i> , 2018 , 94, 22-38	9.6	71
9	Using look-ahead plans to improve material flow processes on construction projects when using BIM and RFID technologies. <i>Construction Innovation</i> , 2020 , 20, 471-508	4.1	23
8	Identifying enablers for coordination across construction supply chain processes: a systematic literature review. <i>Engineering, Construction and Architectural Management</i> , 2021 , 28, 1083-1113	3.1	15
7	Using a Tabu-search Algorithm and 4D Models to Improve Construction Project Schedules. <i>Procedia Engineering</i> , 2017 , 196, 698-705		14
6	Supplier-contractor coordination approach to managing demand fluctuations of ready-mix concrete. <i>Automation in Construction</i> , 2021 , 121, 103423	9.6	9
5	Developing a conceptual framework for the application of digital twin technologies to revamp building operation and maintenance processes. <i>Journal of Building Engineering</i> , 2022 , 49, 104028	5.2	7
4	Revamping construction supply chain processes with circular economy strategies: A systematic literature review. <i>Journal of Cleaner Production</i> , 2022 , 335, 130240	10.3	5
3	Transshipment approach to coordinate materials for a contractor's project portfolio. <i>International Journal of Construction Management</i> , 2020 , 1-12	1.9	3
2	Exploiting digitalization for the coordination of required changes to improve engineer-to-order materials flow management. <i>Construction Innovation</i> , 2021 , ahead-of-print,	4.1	3
1	Vulnerability Distribution Model of Critical Infrastructures Based on Topological System Simulation. <i>Lecture Notes in Computer Science</i> , 2018 , 498-515	0.9	