

# Qian Chen

## List of Publications by Year in Descending Order

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