Chengyi Zhang

List of Publications by Year
in descending order

20 papers	380 citations	1039406 9 h-index	839053 18 g-index
20 all docs	20 docs citations	20 times ranked	295 citing authors

#	ARTICLE	IF	CITATIONS
1	Automated progress control using laser scanning technology. Automation in Construction, 2013, 36, 108-116.	4.8	114
2	Evaluation of relative technological innovation capability: Model and case study for China's coal mine. Resources Policy, 2018, 58, 144-149.	4.2	55
3	Hourly weather data projection due to climate change for impact assessment on building and infrastructure. Sustainable Cities and Society, 2019, 50, 101688.	5.1	37
4	Improving Tolerance Control on Modular Construction Project with 3D Laser Scanning and BIM: A Case Study of Removable Floodwall Project. Applied Sciences (Switzerland), 2020, 10, 8680.	1.3	30
5	Sustainable supplier selection for water environment treatment public-private partnership projects. Journal of Cleaner Production, 2021, 324, 129218.	4.6	22
6	Advanced Progress Control of Infrastructure Construction Projects Using Terrestrial Laser Scanning Technology. Infrastructures, 2020, 5, 83.	1.4	21
7	Transaction costs in construction projects under uncertainty. Kybernetes, 2016, 45, 866-883.	1.2	19
8	EVOLUTIONARY GAME ANALYSIS FOR RENT-SEEKING BEHAVIOR SUPERVISION OF MAJOR INFRASTRUCTURE PROJECTS BASED ON PROSPECT THEORY. Journal of Civil Engineering and Management, 2021, 28, 6-24.	1.9	14
9	A lean construction and BIM interaction model for the construction industry. Production Planning and Control, 2023, 34, 1447-1474.	5.8	12
10	Knowledge Sharing Strategy and Emission Reduction Benefits of Low Carbon Technology Collaborative Innovation in the Green Supply Chain. Frontiers in Environmental Science, 2022, 9, .	1.5	11
11	Adaptive 3D Imaging and Tolerance Analysis of Prefabricated Components for Accelerated Construction. Procedia Engineering, 2015, 118, 1060-1067.	1.2	10
12	Exploring the Impact of COVID-19 on the United States Construction Industry: Challenges and Opportunities. IEEE Transactions on Engineering Management, 2024, 71, 1245-1257.	2.4	10
13	Critical Factors to Achieve Sustainability of Public-Private Partnership Projects in the Water Sector: A Stakeholder-Oriented Network Perspective. Complexity, 2020, 2020, 1-17.	0.9	8
14	The framework of data-driven and multi-criteria decision-making for detecting unbalanced bidding. Engineering, Construction and Architectural Management, 2023, 30, 598-622.	1.8	5
15	The Stochastic Evolution Game of Knowledge Sharing in the Infrastructure PPP Supply Chain Network. Complexity, 2020, 2020, 1-17.	0.9	4
16	Academia and Industry Perceptions of Construction Planning and Scheduling Education. Journal of Civil Engineering Education, 2022, 148, .	0.8	4
17	Tournament Incentive Mechanisms Design for Long-Distance Water Diversion Projects Incorporating Preference Heterogeneity. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	3
18	Lean TRIZ method to prevent safety related problems in the construction industry. Journal of Construction Engineering Management & Innovation, 2021, 4, 68-79.	0.6	1

#	Article	IF	Citations
19	PREDICTIVE ANALYTICS ON ENGINEER MANUAL 385 EFFECTIVENESS OF REDUCING NUMBER AND SEVERITY OF MISHAPS. Canadian Journal of Civil Engineering, 0, , .	0.7	0
20	Effectiveness and Practicability Analysis of BIM Adoption in the AEC Industry. , 2022, , .		0