

Dongping Cao

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,387
citations

430442

18
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

895
citing authors

#	ARTICLE	IF	CITATIONS
1	Practices and effectiveness of building information modelling in construction projects in China. <i>Automation in Construction</i> , 2015, 49, 113-122.	4.8	182
2	Collaboration barriers in BIM-based construction networks: A conceptual model. <i>International Journal of Project Management</i> , 2019, 37, 839-854.	2.7	150
3	Impacts of Isomorphic Pressures on BIM Adoption in Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2014, 140, .	2.0	136
4	Recognizing Diverse Construction Activities in Site Images via Relevance Networks of Construction-Related Objects Detected by Convolutional Neural Networks. <i>Journal of Computing in Civil Engineering</i> , 2018, 32, .	2.5	116
5	Identifying and contextualising the motivations for BIM implementation in construction projects: An empirical study in China. <i>International Journal of Project Management</i> , 2017, 35, 658-669.	2.7	114
6	Towards efficient and objective work sampling: Recognizing workers' activities in site surveillance videos with two-stream convolutional networks. <i>Automation in Construction</i> , 2018, 94, 360-370.	4.8	90
7	Capturing and Understanding Workers' Activities in Field Surveillance Videos with Deep Action Recognition and Bayesian Nonparametric Learning. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2019, 34, 333-351.	6.3	78
8	Vision-based detection and visualization of dynamic workspaces. <i>Automation in Construction</i> , 2019, 104, 1-13.	4.8	61
9	Relationship Network Structure and Organizational Competitiveness: Evidence from BIM Implementation Practices in the Construction Industry. <i>Journal of Management in Engineering - ASCE</i> , 2018, 34, .	2.6	49
10	Dynamics of Project-Based Collaborative Networks for BIM Implementation: Analysis Based on Stochastic Actor-Oriented Models. <i>Journal of Management in Engineering - ASCE</i> , 2017, 33, .	2.6	45
11	Systematic impact of institutional pressures on safety climate in the construction industry. <i>Accident Analysis and Prevention</i> , 2016, 93, 230-239.	3.0	44
12	Linking the Motivations and Practices of Design Organizations to Implement Building Information Modeling in Construction Projects: Empirical Study in China. <i>Journal of Management in Engineering - ASCE</i> , 2016, 32, .	2.6	37
13	Dynamics of Collaborative Networks between Contractors and Subcontractors in the Construction Industry: Evidence from National Quality Award Projects in China. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018, 144, .	2.0	36
14	Combining deep features and activity context to improve recognition of activities of workers in groups. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2020, 35, 965-978.	6.3	34
15	Can mixed reality enhance safety communication on construction sites? An industry perspective. <i>Safety Science</i> , 2021, 133, 105009.	2.6	32
16	Operation Warp Speed: Projects responding to the COVID-19 pandemic. <i>Project Leadership and Society</i> , 2021, 2, 100019.	1.8	29
17	Impacts of building information modeling (BIM) implementation on design and construction performance: a resource dependence theory perspective. <i>Frontiers of Engineering Management</i> , 2017, 4, 20.	3.3	21
18	PREDICTING BEHAVIOURAL RESISTANCE TO BIM IMPLEMENTATION IN CONSTRUCTION PROJECTS: AN EMPIRICAL STUDY INTEGRATING TECHNOLOGY ACCEPTANCE MODEL AND EQUITY THEORY. <i>Journal of Civil Engineering and Management</i> , 2020, 26, 651-665.	1.9	21

#	ARTICLE	IF	CITATIONS
19	Dynamics of Collaborative Networks for Green Building Projects: Case Study of Shanghai. <i>Journal of Management in Engineering - ASCE</i> , 2021, 37, .	2.6	20
20	Hierarchical Bayesian Model of Worker Response to Proximity Warnings of Construction Safety Hazards: Toward Constant Review of Safety Risk Control Measures. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017, 143, .	2.0	17
21	Modeling Dynamics of Project-Based Collaborative Networks for BIM Implementation in the Construction Industry: Empirical Study in Hong Kong. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019, 145, .	2.0	17
22	Multidimensional behavioral responses to the implementation of BIM in construction projects: an empirical study in China. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 819-841.	1.8	15
23	Identifying high-frequency“low-severity construction safety risks: an empirical study based on official supervision reports in Shanghai. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 940-960.	1.8	12
24	BIM Adoption for Facility Management in Urban Rail Transit: An Innovation Diffusion Theory Perspective. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-12.	0.4	11
25	State and determinants of inter-regional market entry practices in the Chinese construction industry: evidence from national quality award projects. <i>Engineering, Construction and Architectural Management</i> , 2020, 27, 1461-1477.	1.8	6
26	Towards Complexity and Dynamics: A Bibliometric-Qualitative Review of Network Research in Construction. <i>Complexity</i> , 2020, 2020, 1-19.	0.9	6
27	Contractor“Subcontractor Relationships with the Implementation of Emerging Interorganizational Technologies: Roles of Cross-Project Learning and Pre-Contractual Opportunism. <i>International Journal of Construction Education and Research</i> , 2014, 10, 268-284.	1.1	5
28	Comparing Project-Based Collaborative Networks for BIM Implementation in Public and Private Sectors: A Longitudinal Study in Hong Kong. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-14.	0.4	3
29	Notice of Retraction: Research on the Project-Level Influencing Factors on Information Technology Implementation in Construction Industry. , 2010, , .		0
30	Using Switching State-Space Model to Identify Work States Based on Movement Data. , 2018, , 1547-1558.		0