Geoffrey Qiping Shen

List of Publications by Year
in descending order

309 papers	16,294 citations	13078 68 h-index	23401 112 g-index
314 all docs	314 docs citations	314 times ranked	9735 citing authors

#	Article	IF	Citations
1	Stakeholder management studies in mega construction projects: A review and future directions. International Journal of Project Management, 2015, 33, 446-457.	6.1	421
2	Comparative study of greenhouse gas emissions between off-site prefabrication and conventional construction methods: Two case studies of residential projects. Energy and Buildings, 2013, 66, 165-176.	6.8	396
3	Critical review of the research on the management of prefabricated construction. Habitat International, 2014, 43, 240-249.	5.9	384
4	Greenhouse gas emissions in building construction: A case study of One Peking in Hong Kong. Building and Environment, 2010, 45, 949-955.	7.0	370
5	Barriers to promoting prefabricated construction in China: A costâ€“benefit analysis. Journal of Cleaner Production, 2018, 172, 649-660.	9.5	352
6	A review of recent studies on sustainable urban renewal. Habitat International, 2014, 41, 272-279.	5.9	328
7	A review of studies on Publicâ€“Private Partnership projects in the construction industry. International Journal of Project Management, 2010, 28, 683-694.	6.1	320
8	Prefabricated construction enabled by the Internet-of-Things. Automation in Construction, 2017, 76, 59-70.	10.0	311
9	An Internet of Things-enabled BIM platform for on-site assembly services in prefabricated construction. Automation in Construction, 2018, 89, 146-161.	10.0	292
10	Greenhouse gas emissions during the construction phase of a building: a case study in China. Journal of Cleaner Production, 2015, 103, 249-259.	9.5	282
11	Major Barriers to Off-Site Construction: The Developerâ€™s Perspective in China. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	266
12	Scientometric review of global research trends on green buildings in construction journals from 1992 to 2018. Energy and Buildings, 2019, 190, 69-85.	6.8	238
13	Life-cycle energy analysis of prefabricated building components: an inputâ€“output-based hybrid model. Journal of Cleaner Production, 2016, 112, 2198-2207.	9.5	237
14	Mapping the knowledge domains of Building Information Modeling (BIM): A bibliometric approach. Automation in Construction, 2017, 84, 195-206.	10.0	223
15	Schedule risks in prefabrication housing production in Hong Kong: a social network analysis. Journal of Cleaner Production, 2016, 134, 482-494.	9.5	222
16	Experiential and instrumental attitudes: Interaction effect of attitude and subjective norm on recycling intention. Journal of Environmental Psychology, 2017, 50, 69-79.	5.2	221
17	Factors Affecting Schedule Delay, Cost Overrun, and Quality Level in Public Construction Projects. Journal of Management in Engineering - ASCE, 2016, 32, .	4.8	215
18	The role of perceived effectiveness of policy measures in predicting recycling behaviour in Hong Kong. Resources, Conservation and Recycling, 2014, 83, 141-151.	11.0	209

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19	Integrating RFID and BIM technologies for mitigating risks and improving schedule performance of prefabricated house construction. Journal of Cleaner Production, 2017, 165, 1048-1062.	9.5	205
20	An agent-based framework for supply chain coordination in construction. Automation in Construction, 2005, 14, 413-430.	10.0	198
21	A system dynamics model for the sustainable land use planning and development. Habitat International, 2009, 33, 15-25.	5.9	182
22	EXPLORING CRITICAL SUCCESS FACTORS FOR STAKEHOLDER MANAGEMENT IN CONSTRUCTION PROJECTS. Journal of Civil Engineering and Management, 2009, 15, 337-348.	3.5	174
23	Measuring the impact of prefabrication on construction waste reduction: An empirical study in China. Resources, Conservation and Recycling, 2014, 91, 27-39.	11.0	165
24	Stakeholder management in construction: An empirical study to address research gaps in previous studies. International Journal of Project Management, 2011, 29, 900-910.	6.1	163
25	Simulating land use change in urban renewal areas: A case study in Hong Kong. Habitat International, 2015, 46, 23-34.	5.9	153
26	Critical Review of Collaborative Working in Construction Projects: Business Environment and Human Behaviors. Journal of Management in Engineering - ASCE, 2010, 26, 196-208.	4.8	152
27	Integrating Building Information Modeling and Prefabrication Housing Production. Automation in Construction, 2019, 100, 46-60.	10.0	149
28	Stakeholder-Associated Supply Chain Risks and Their Interactions in a Prefabricated Building Project in Hong Kong. Journal of Management in Engineering - ASCE, 2019, 35, .	4.8	148
29	A multi-regional structural path analysis of the energy supply chain in China's construction industry. Energy Policy, 2016, 92, 56-68.	8.8	146
30	Coordination mechanisms for construction supply chain management in the Internet environment. International Journal of Project Management, 2007, 25, 150-157.	6.1	145
31	Energy use embodied in China×³s construction industry: A multi-regional inputâ€“output analysis. Renewable and Sustainable Energy Reviews, 2016, 53, 1303-1312.	16.7	144
32	Barriers to the adoption of modular integrated construction: Systematic review and meta-analysis, integrated conceptual framework, and strategies. Journal of Cleaner Production, 2020, 249, 119347.	9.5	142
33	Critical Success Factors for Value Management Studies in Construction. Journal of Construction Engineering and Management - ASCE, 2003, 129, 485-491.	4.0	135
34	Managing social risks at the housing demolition stage of urban redevelopment projects: A stakeholder-oriented study using social network analysis. International Journal of Project Management, 2017, 35, 925-941.	6.1	134
35	SWOT analysis and Internet of Things-enabled platform for prefabrication housing production in Hong Kong. Habitat International, 2016, 57, 74-87.	5.9	130
36	Critical success factors for modular integrated construction projects: a review. Building Research and Information, 2020, 48, 763-784.	3.9	126

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37	An Internet of Things-enabled BIM platform for modular integrated construction: A case study in Hong Kong. Advanced Engineering Informatics, 2019, 42, 100997.	8.3	118
38	Measuring the Productivity of the Construction Industry in China by Using DEA-Based Malmquist Productivity Indices. Journal of Construction Engineering and Management - ASCE, 2008, 134, 64-71.	4.0	116
39	Occupancy data analytics and prediction: A case study. Building and Environment, 2016, 102, 179-192.	7.0	106
40	Investigation of Critical Success Factors in Construction Project Briefing by Way of Content Analysis. Journal of Construction Engineering and Management - ASCE, 2006, 132, 1178-1186.	4.0	101
41	Recycling attitude and behaviour in university campus: a case study in Hong Kong. Facilities, 2012, 30, 630-646.	1.7	100
42	Investigating key challenges in major public engineering projects by a network-theory based analysis of stakeholder concerns: A case study. International Journal of Project Management, 2017, 35, 78-94.	6.1	100
43	A framework of decision-making factors and supporting information for facilitating sustainable site planning in urban renewal projects. Cities, 2014, 40, 44-55.	5.8	97
44	Application of 4D for dynamic site layout and management of construction projects. Automation in Construction, 2005, 14, 369-381.	10.0	96
45	Underlying relationships between public urban green spaces and social cohesion: A systematic literature review. City, Culture and Society, 2021, 24, 100383.	2.5	96
46	Critical Success Factors for Transfer-Operate-Transfer Urban Water Supply Projects in China. Journal of Management in Engineering - ASCE, 2011, 27, 243-251.	4.8	95
47	A game theory based analysis of decision making for green retrofit under different occupancy types. Journal of Cleaner Production, 2016, 137, 1300-1312.	9.5	95
48	The moderating effect of perceived policy effectiveness on recycling intention. Journal of Environmental Psychology, 2014, 37, 55-60.	5.2	93
49	Ranked Critical Factors in PPP Briefings. Journal of Management in Engineering - ASCE, 2013, 29, 164-171.	4.8	90
50	Decision support for sustainable urban renewal: A multi-scale model. Land Use Policy, 2017, 69, 361-371.	5.8	90
51	An overview of previous studies in stakeholder management and its implications for the construction industry. Journal of Facilities Management, 2009, 7, 159-175.	2.1	88
52	RBL-PHP: Simulation of Lean Construction and Information Technologies for Prefabrication Housing Production. Journal of Management in Engineering - ASCE, 2018, 34, .	4.8	88
53	Uncertainty analysis for measuring greenhouse gas emissions in the building construction phase: a case study in China. Journal of Cleaner Production, 2016, 129, 183-195.	9.5	85
54	Multiregional Inputâ€“Output Model for Chinaâ€™s Farm Land and Water Use. Environmental Science & Technology, 2015, 49, 403-414.	10.5	84

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55	Incentives for green retrofits: An evolutionary game analysis on Public-Private-Partnership reconstruction of buildings. Journal of Cleaner Production, 2019, 232, 1076-1092.	9.5	84
56	A typology of operational approaches for stakeholder analysis and engagement. Construction Management and Economics, 2011, 29, 145-162.	3.2	83
57	Supply Chain Management for Prefabricated Building Projects in Hong Kong. Journal of Management in Engineering - ASCE, 2020, 36, .	4.8	82
58	Priority setting in maintenance management: a modified multi-attribute approach using analytic hierarchy process. Construction Management and Economics, 1998, 16, 693-702.	3.2	80
59	Green retrofit of aged residential buildings in Hong Kong: A preliminary study. Building and Environment, 2018, 143, 89-98.	7.0	80
60	Spillover effect of technological innovation on CO2 emissions in China's construction industry. Building and Environment, 2020, 171, 106653.	7.0	80
61	Measuring the Performance of Value Management Studies in Construction: Critical Review. Journal of Management in Engineering - ASCE, 2007, 23, 2-9.	4.8	78
62	A model for simulating schedule risks in prefabrication housing production: A case study of six-day cycle assembly activities in Hong Kong. Journal of Cleaner Production, 2018, 185, 366-381.	9.5	78
63	Critical Success Factors for Stakeholder Management: Construction Practitionersâ€™ Perspectives. Journal of Construction Engineering and Management - ASCE, 2010, 136, 778-786.	4.0	77
64	Generic Model for Measuring Benefits of BIM as a Learning Tool in Construction Tasks. Journal of Construction Engineering and Management - ASCE, 2013, 139, 195-203.	4.0	77
65	Building Information Modeling-based user activity simulation and evaluation method for improving designerâ€“user communications. Automation in Construction, 2012, 21, 148-160.	10.0	75
66	Framework for Stakeholder Management in Construction Projects. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	75
67	An integrated approach to supporting land-use decisions in site redevelopment for urban renewal in Hong Kong. Habitat International, 2013, 38, 70-80.	5.9	73
68	The exploration of the life-cycle energy saving potential for using prefabrication in residential buildings in China. Energy and Buildings, 2018, 166, 561-570.	6.8	72
69	Schedule risk modeling in prefabrication housing production. Journal of Cleaner Production, 2017, 153, 692-706.	9.5	71
70	Who should take the responsibility? Stakeholders' power over social responsibility issues in construction projects. Journal of Cleaner Production, 2017, 154, 318-329.	9.5	70
71	Key determinants of willingness to support policy measures on recycling: A case study in Hong Kong. Environmental Science and Policy, 2015, 54, 409-418.	5.0	69
72	Making incentive policies more effective: An agent-based model for energy-efficiency retrofit in China. Energy Policy, 2019, 126, 177-189.	8.8	69

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73	An optimization model for managing stakeholder conflicts in urban redevelopment projects in China. Journal of Cleaner Production, 2019, 212, 537-547.	9.5	67
74	Factors affecting effectiveness and efficiency of analyzing stakeholders' needs at the briefing stage of public private partnership projects. International Journal of Project Management, 2013, 31, 513-521.	6.1	65
75	Evaluating different stakeholder impacts on the occurrence of quality defects in offsite construction projects: A Bayesian-network-based model. Journal of Cleaner Production, 2019, 241, 118390.	9.5	64
76	Stakeholdersâ€™ influence strategies on social responsibility implementation in construction projects. Journal of Cleaner Production, 2019, 235, 348-358.	9.5	63
77	Exploring energy flows embodied in China's economy from the regional and sectoral perspectives via combination of multi-regional inputâ€“output analysis and a complex network approach. Energy, 2019, 170, 1191-1201.	9.0	63
78	Improving Management of Green Retrofits from a Stakeholder Perspective: A Case Study in China. International Journal of Environmental Research and Public Health, 2015, 12, 13823-13842.	2.7	62
79	Improving the accuracy of energy baseline models for commercial buildings with occupancy data. Applied Energy, 2016, 179, 247-260.	10.3	62
80	Critical risk factors in the application of modular integrated construction: a systematic review. International Journal of Construction Management, 2022, 22, 133-147.	3.2	61
81	Holistic Review and Conceptual Framework for the Drivers of Offsite Construction: A Total Interpretive Structural Modelling Approach. Buildings, 2019, 9, 117.	3.2	60
82	Customization of on-site assembly services by integrating the internet of things and BIM technologies in modular integrated construction. Automation in Construction, 2021, 126, 103663.	10.0	59
83	Developing critical success factors for integrating circular economy into modular construction projects in Hong Kong. Sustainable Production and Consumption, 2022, 29, 574-587.	11.0	58
84	Driving force of urban growth and regional planning: A case study of China's Guangdong Province. Habitat International, 2013, 40, 35-41.	5.9	56
85	Neighborhood sustainability in urban renewal: An assessment framework. Environment and Planning B: Urban Analytics and City Science, 2017, 44, 903-924.	2.1	55
86	Identifying supply chain capabilities of construction firms in industrialized construction. Production Planning and Control, 2021, 32, 303-321.	8.7	55
87	Encouraging the use of urban green space: The mediating role of attitude, perceived usefulness and perceived behavioural control. Habitat International, 2015, 50, 130-139.	5.9	54
88	Schedule delay analysis of prefabricated housing production: A hybrid dynamic approach. Journal of Cleaner Production, 2018, 195, 1533-1545.	9.5	54
89	An empirical study of the variables affecting construction project briefing/architectural programming. International Journal of Project Management, 2007, 25, 198-212.	6.1	53
90	An Overview of the driving forces behind energy demand in China's construction industry: Evidence from 1990 to 2012. Renewable and Sustainable Energy Reviews, 2017, 73, 85-94.	16.7	50

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91	A review on political factors influencing public support for urban environmental policy. Environmental Science and Policy, 2017, 75, 70-80.	5.0	50
92	Critical success factors for management of the early stages of prefabricated prefinished volumetric construction project life cycle. Engineering, Construction and Architectural Management, 2020, 27, 2315-2333.	3.5	50
93	IT supported collaborative work in A/E/C projects: A ten-year review. Automation in Construction, 2012, 21, 1-9.	10.0	49
94	The moderating effect of subjective norm in predicting intention to use urban green spaces: A study of Hong Kong. Sustainable Cities and Society, 2018, 37, 288-297.	10.6	49
95	Water-energy nexus and its efficiency in Chinaâ€™s construction industry: Evidence from province-level data. Sustainable Cities and Society, 2019, 48, 101557.	10.6	48
96	Application of value management in project briefing. Facilities, 2005, 23, 330-342.	1.7	47
97	Embodied cultivated land use in China 1987â€“2007. Ecological Indicators, 2014, 47, 198-209.	6.4	47
98	Addressing stakeholder complexity and major pitfalls in large cultural building projects. International Journal of Project Management, 2017, 35, 463-478.	6.1	47
99	Effects of physical and psychological factors on usersâ€™ attitudes, use patterns, and perceived benefits toward urban parks. Urban Forestry and Urban Greening, 2020, 51, 126691.	5.3	47
100	Salient attributes of urban green spaces in high density cities: The case of Hong Kong. Habitat International, 2015, 49, 92-99.	5.9	46
101	The place-based approach to recycling intention: Integrating place attachment into the extended theory of planned behavior. Resources, Conservation and Recycling, 2021, 169, 105549.	11.0	46
102	Factors constraining the development of professional project management in China's construction industry. International Journal of Project Management, 2004, 22, 203-211.	6.1	45
103	Briefing from a facilities management perspective. Facilities, 2005, 23, 356-367.	1.7	45
104	Identification of Key Performance Indicators for Measuring the Performance of Value Management Studies in Construction. Journal of Construction Engineering and Management - ASCE, 2011, 137, 698-706.	4.0	45
105	GIS-Based Framework for Supporting Land Use Planning in Urban Renewal: Case Study in Hong Kong. Journal of the Urban Planning and Development Division, ASCE, 2015, 141, .	1.7	44
106	Comparing the value of information sharing under different inventory policies in construction supply chain. International Journal of Project Management, 2011, 29, 867-876.	6.1	43
107	A generic decision model for developing concentrated rural settlement in post-disaster reconstruction: a China study. Natural Hazards, 2014, 71, 611-637.	3.4	43
108	Evaluating social sustainability of urban housing demolition in Shanghai, China. Journal of Cleaner Production, 2017, 153, 26-40.	9.5	43

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109	A framework for identification and representation of client requirements in the briefing process. Construction Management and Economics, 2004, 22, 213-221.	3.2	42
110	Is insufficient land supply the root cause of housing shortage? Empirical evidence from Hong Kong. Habitat International, 2015, 49, 538-546.	5.9	42
111	Smart work packaging-enabled constraint-free path re-planning for tower crane in prefabricated products assembly process. Advanced Engineering Informatics, 2020, 43, 101008.	8.3	42
112	Which Owner Characteristics Are Key Factors Affecting Project Delivery System Decision Making? Empirical Analysis Based on the Rough Set Theory. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	40
113	Measurement and Dependence Analysis of Cost Overruns in Megatransport Infrastructure Projects: Case Study in Hong Kong. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	4.0	40
114	Stakeholder complexity in large scale green building projects. Engineering, Construction and Architectural Management, 2018, 25, 1454-1474.	3.5	40
115	Mapping the knowledge domain of stakeholder perspective studies in construction projects: A bibliometric approach. International Journal of Project Management, 2020, 38, 313-326.	6.1	39
116	Is the Hong Kong construction industry ready for value management?. International Journal of Project Management, 2000, 18, 317-326.	6.1	38
117	A computer-aided decision support system for assessing a contractor's competitiveness. Automation in Construction, 2003, 12, 577-587.	10.0	38
118	Field Evaluation of the Dust Impacts from Construction Sites on Surrounding Areas: A City Case Study in China. Sustainability, 2019, 11, 1906.	3.3	38
119	A multi-regional based hybrid method for assessing life cycle energy use of buildings: A case study. Journal of Cleaner Production, 2017, 148, 760-772.	9.5	37
120	Embodied pasture land use change in China 2000-2015: From the perspective of globalization. Land Use Policy, 2019, 82, 476-485.	5.8	37
121	Virtual experiment of innovative construction operations. Automation in Construction, 2003, 12, 561-575.	10.0	36
122	International diversification and corporate social responsibility. Management Decision, 2016, 54, 750-774.	4.0	36
123	Critical Success Factors for Value Management Workshops in Malaysia. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	35
124	A framework for benchmarking the value management process. Benchmarking, 2001, 8, 306-316.	4.9	34
125	A group decision support system for value management studies in the construction industry. International Journal of Project Management, 2002, 20, 247-252.	6.1	34
126	Perceived policy effectiveness and recycling behaviour: The missing link. Waste Management, 2013, 33, 783-784.	7.6	34

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127	Developing a conceptual framework of smart work packaging for constraints management in prefabrication housing production. Advanced Engineering Informatics, 2019, 42, 100938.	8.3	34
128	Eliciting usersâ€™ preferences and values in urban parks: Evidence from analyzing social media data from Hong Kong. Urban Forestry and Urban Greening, 2021, 62, 127172.	5.3	34
129	Literature review of green retrofit design for commercial buildings with BIM implication. Smart and Sustainable Built Environment, 2015, 4, 188-214.	4.4	33
130	Identification of Key Contractor Characteristic Factors That Affect Project Success under Different Project Delivery Systems: Empirical Analysis Based on a Group of Data from China. Journal of Management in Engineering - ASCE, 2016, 32, .	4.8	33
131	A linguistic group decision-making framework for bid evaluation in mega public projects considering carbon dioxide emissions reduction. Journal of Cleaner Production, 2017, 148, 811-825.	9.5	33
132	The evolution of patterns within embodied energy flows in the Chinese economy: A multi-regional-based complex network approach. Sustainable Cities and Society, 2019, 47, 101500.	10.6	33
133	Foundation pit displacement monitoring and prediction using least squares support vector machines based on multi-point measurement. Structural Health Monitoring, 2019, 18, 715-724.	7.4	33
134	The seismic behaviour of precast concrete interior joints with different connection methods in assembled monolithic subway station. Engineering Structures, 2021, 232, 111799.	5.4	33
135	A group decision support system for implementing value management methodology in construction briefing. International Journal of Project Management, 2011, 29, 1003-1017.	6.1	32
136	Decision-making model to generate novel emergency response plans for improving coordination during large-scale emergencies. Knowledge-Based Systems, 2015, 90, 111-128.	7.4	32
137	Risks of modular integrated construction: A review and future research directions. Frontiers of Engineering Management, 2020, 7, 63-80.	5.9	32
138	Fuzzy modelling of the critical failure factors for modular integrated construction projects. Journal of Cleaner Production, 2020, 264, 121595.	9.5	32
139	A Group Support System for improving value management studies in construction. Automation in Construction, 2004, 13, 209-224.	10.0	31
140	Demolition of Existing Buildings in Urban Renewal Projects: A Decision Support System in the China Context. Sustainability, 2019, 11, 491.	3.3	31
141	Critical supply chain vulnerabilities affecting supply chain resilience of industrialized construction in Hong Kong. Engineering, Construction and Architectural Management, 2021, 28, 3041-3059.	3.5	30
142	Identifying supply chain vulnerabilities in industrialized construction: an overview. International Journal of Construction Management, 2022, 22, 1464-1477.	3.2	30
143	Pathways of place dependence and place identity influencing recycling in the extended theory of planned behavior. Journal of Environmental Psychology, 2022, 81, 101795.	5.2	30
144	Applications of value management in the construction industry in China. Engineering, Construction and Architectural Management, 2004, 11, 9-19.	3.5	29

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145	For the balance of stakeholdersâ€™ power and responsibility. Management Decision, 2018, 56, 550-569.	4.0	29
146	Integrating value management into sustainable construction projects in Hong Kong. Engineering, Construction and Architectural Management, 2018, 25, 1475-1500.	3.5	29
147	Influence of formal and informal stakeholder relationship on megaproject performance: a case of China. Engineering, Construction and Architectural Management, 2020, 27, 1505-1531.	3.5	29
148	Dynamic Network Analysis of Stakeholder Conflicts in Megaprojects: Sixteen-Year Case of Hong Kong-Zhuhai-Macao Bridge. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	4.0	29
149	The effectiveness of DustBubbles on dust control in the process of concrete drilling. Safety Science, 2012, 50, 1284-1289.	5.0	28
150	Critical capabilities of improving supply chain resilience in industrialized construction in Hong Kong. Engineering, Construction and Architectural Management, 2021, 28, 3236-3260.	3.5	28
151	The decision model of the intuitionistic fuzzy group bid evaluation for urban infrastructure projects considering social costs. Canadian Journal of Civil Engineering, 2013, 40, 263-273.	1.3	27
152	Priority setting in planned maintenance - practical issues in using the multi-attribute approach. Building Research and Information, 1998, 26, 169-180.	3.9	26
153	Comparative Study of the Variables in Construction Project Briefing/Architectural Programming. Journal of Construction Engineering and Management - ASCE, 2008, 134, 122-138.	4.0	26
154	Differential public support for waste management policy: The case of Hong Kong. Journal of Cleaner Production, 2018, 175, 477-488.	9.5	26
155	SUSTAINABILITY OF OFF-SITE CONSTRUCTION: A BIBLIOMETRIC REVIEW AND VISUALIZED ANALYSIS OF TRENDING TOPICS AND THEMES. Journal of Green Building, 2020, 15, 131-154.	0.8	26
156	Value management: recent developments and way forward. Construction Innovation, 2012, 12, 264-271.	3.1	25
157	Net Asset Valueâ€“Based Concession Duration Model for BOT Contracts. Journal of Construction Engineering and Management - ASCE, 2012, 138, 304-308.	4.0	25
158	Dynamic Stakeholder-Associated Topic Modeling on Public Concerns in Megainfrastructure Projects: Case of Hong Kongâ€“Zhuhaiâ€“Macao Bridge. Journal of Management in Engineering - ASCE, 2020, 36, .	4.8	25
159	A comparative study of priority setting methods for planned maintenance of public buildings. Facilities, 1997, 15, 331-339.	1.7	24
160	Design of spatial decision support systems for property professionals using MapObjects and Excel. Automation in Construction, 2004, 13, 565-573.	10.0	24
161	Embodied agricultural water use in China from 1997 to 2010. Journal of Cleaner Production, 2016, 112, 3176-3184.	9.5	24
162	Stakeholder management in prefabricated prefinished volumetric construction projects: benchmarking the key result areas. Built Environment Project and Asset Management, 2020, 10, 407-421.	1.7	24

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163	Energy-dominated carbon metabolism: A case study of Hubei province, China. Ecological Informatics, 2015, 26, 85-92.	5.3	23
164	A network-theory Based Model for Stakeholder Analysis in Major Construction Projects. Procedia Engineering, 2016, 164, 292-298.	1.2	23
165	A study of plot ratio/building height restrictions in high density cities using 3D spatial analysis technology: A case in Hong Kong. Habitat International, 2017, 65, 13-31.	5.9	23
166	A fuzzy synthetic evaluation analysis of time overrun risk factors in highway projects of terrorism-affected countries: the case of Pakistan. International Journal of Construction Management, 2022, 22, 732-750.	3.2	23
167	SWP-enabled constraints modeling for on-site assembly process of prefabrication housing production. Journal of Cleaner Production, 2019, 239, 117991.	9.5	23
168	Mapping the knowledge domains of value management: a bibliometric approach. Engineering, Construction and Architectural Management, 2019, 26, 499-514.	3.5	23
169	Characterizing embodied energy accounting with a multi-dimensional framework: A study of China's building sector. Journal of Cleaner Production, 2019, 215, 154-164.	9.5	23
170	Low or No subsidy? Proposing a regional power grid based wind power feed-in tariff benchmark price mechanism in China. Energy Policy, 2020, 146, 111758.	8.8	23
171	A bibliometric review of urban energy metabolism: Evolutionary trends and the application of network analytical methods. Journal of Cleaner Production, 2021, 279, 123403.	9.5	23
172	A transformer-based deep learning model for recognizing communication-oriented entities from patents of ICT in construction. Automation in Construction, 2021, 125, 103608.	10.0	23
173	Improving agent-based negotiation efficiency in construction supply chains: A relative entropy method. Automation in Construction, 2009, 18, 975-982.	10.0	22
174	Comparing the Performance Quality of Design-Bid-Build and Design-Build Delivery Methods. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	4.0	22
175	Techno-economic feasibility of solar water heating system: Overview and meta-analysis. Sustainable Energy Technologies and Assessments, 2018, 30, 164-173.	2.9	22
176	Using Group Decision Support System to Support Value Management Workshops. Journal of Computing in Civil Engineering, 2008, 22, 100-113.	4.9	21
177	Modeling Supply Chain Resilience in Industrialized Construction: A Hong Kong Case. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	4.0	21
178	Exploring the critical success determinants for supply chain management in modular integrated construction projects. Smart and Sustainable Built Environment, 2023, 12, 258-276.	4.4	21
179	Comparative Study of Idea Generation between Traditional Value Management Workshops and GDSS-Supported Workshops. Journal of Construction Engineering and Management - ASCE, 2007, 133, 816-825.	4.0	20
180	A comparative study of student performance in traditional mode and online mode of learning. Computer Applications in Engineering Education, 2007, 15, 30-40.	3.5	20

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181	A case-based reasoning system for using functional performance specification in the briefing of building projects. Automation in Construction, 2010, 19, 725-733.	10.0	20
182	A user preâ€occupancy evaluation method for facilitating the designerâ€client communication. Facilities, 2012, 30, 302-323.	1.7	20
183	Research on corporate social responsibility in the construction context: a critical review and future directions. International Journal of Construction Management, 2018, 18, 394-404.	3.2	20
184	Modelling the critical risk factors for modular integrated construction projects. International Journal of Construction Management, 2022, 22, 2013-2026.	3.2	20
185	Virtual built-up land transfers embodied in Chinaâ€™s interregional trade. Land Use Policy, 2020, 94, 104536.	5.8	20
186	Procurement-Related Critical Factors for Briefing in Public-Private Partnership Projects: Case of Hong Kong. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	19
187	Understanding public support for recycling policy: To unveil the political side of influence and implications. Environmental Science and Policy, 2018, 82, 30-43.	5.0	19
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