

Geoffrey Qiping Shen

List of Publications by Citations

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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.

298 papers	10,259 citations	54 h-index	87 g-index
329 ext. papers	12,907 ext. citations	5.4 avg, IF	7.08 L-index

#	Paper	IF	Citations
298	Stakeholder management studies in mega construction projects: A review and future directions. <i>International Journal of Project Management</i> , 2015 , 33, 446-457	7.6	255
297	Greenhouse gas emissions in building construction: A case study of One Peking in Hong Kong. <i>Building and Environment</i> , 2010 , 45, 949-955	6.5	249
296	Critical review of the research on the management of prefabricated construction. <i>Habitat International</i> , 2014 , 43, 240-249	4.6	245
295	Comparative study of greenhouse gas emissions between off-site prefabrication and conventional construction methods: Two case studies of residential projects. <i>Energy and Buildings</i> , 2013 , 66, 165-176	7	244
294	A review of studies on Public-Private Partnership projects in the construction industry. <i>International Journal of Project Management</i> , 2010 , 28, 683-694	7.6	235
293	Barriers to promoting prefabricated construction in China: A cost-benefit analysis. <i>Journal of Cleaner Production</i> , 2018 , 172, 649-660	10.3	200
292	Greenhouse gas emissions during the construction phase of a building: a case study in China. <i>Journal of Cleaner Production</i> , 2015 , 103, 249-259	10.3	185
291	Prefabricated construction enabled by the Internet-of-Things. <i>Automation in Construction</i> , 2017 , 76, 59-70	9.6	183
290	A review of recent studies on sustainable urban renewal. <i>Habitat International</i> , 2014 , 41, 272-279	4.6	183
289	An Internet of Things-enabled BIM platform for on-site assembly services in prefabricated construction. <i>Automation in Construction</i> , 2018 , 89, 146-161	9.6	166
288	Major Barriers to Off-Site Construction: The Developer's Perspective in China. <i>Journal of Management in Engineering - ASCE</i> , 2015 , 31, 04014043	5.3	156
287	Schedule risks in prefabrication housing production in Hong Kong: a social network analysis. <i>Journal of Cleaner Production</i> , 2016 , 134, 482-494	10.3	149
286	Life-cycle energy analysis of prefabricated building components: an input-output-based hybrid model. <i>Journal of Cleaner Production</i> , 2016 , 112, 2198-2207	10.3	136
285	Factors Affecting Schedule Delay, Cost Overrun, and Quality Level in Public Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2016 , 32, 04015032	5.3	134
284	A system dynamics model for the sustainable land use planning and development. <i>Habitat International</i> , 2009 , 33, 15-25	4.6	133
283	The role of perceived effectiveness of policy measures in predicting recycling behaviour in Hong Kong. <i>Resources, Conservation and Recycling</i> , 2014 , 83, 141-151	11.9	132
282	Mapping the knowledge domains of Building Information Modeling (BIM): A bibliometric approach. <i>Automation in Construction</i> , 2017 , 84, 195-206	9.6	130

281	An agent-based framework for supply chain coordination in construction. <i>Automation in Construction</i> , 2005 , 14, 413-430	9.6	126
280	EXPLORING CRITICAL SUCCESS FACTORS FOR STAKEHOLDER MANAGEMENT IN CONSTRUCTION PROJECTS. <i>Journal of Civil Engineering and Management</i> , 2009 , 15, 337-348	3	119
279	Experiential and instrumental attitudes: Interaction effect of attitude and subjective norm on recycling intention. <i>Journal of Environmental Psychology</i> , 2017 , 50, 69-79	6.7	116
278	Integrating RFID and BIM technologies for mitigating risks and improving schedule performance of prefabricated house construction. <i>Journal of Cleaner Production</i> , 2017 , 165, 1048-1062	10.3	115
277	Critical Review of Collaborative Working in Construction Projects: Business Environment and Human Behaviors. <i>Journal of Management in Engineering - ASCE</i> , 2010 , 26, 196-208	5.3	115
276	Energy use embodied in China's construction industry: A multi-regional input-output analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 53, 1303-1312	16.2	113
275	Measuring the impact of prefabrication on construction waste reduction: An empirical study in China. <i>Resources, Conservation and Recycling</i> , 2014 , 91, 27-39	11.9	112
274	Stakeholder management in construction: An empirical study to address research gaps in previous studies. <i>International Journal of Project Management</i> , 2011 , 29, 900-910	7.6	112
273	Coordination mechanisms for construction supply chain management in the Internet environment. <i>International Journal of Project Management</i> , 2007 , 25, 150-157	7.6	109
272	Simulating land use change in urban renewal areas: A case study in Hong Kong. <i>Habitat International</i> , 2015 , 46, 23-34	4.6	106
271	Critical Success Factors for Value Management Studies in Construction. <i>Journal of Construction Engineering and Management - ASCE</i> , 2003 , 129, 485-491	4.2	105
270	A multi-regional structural path analysis of the energy supply chain in China's construction industry. <i>Energy Policy</i> , 2016 , 92, 56-68	7.2	104
269	SWOT analysis and Internet of Things-enabled platform for prefabrication housing production in Hong Kong. <i>Habitat International</i> , 2016 , 57, 74-87	4.6	89
268	Measuring the Productivity of the Construction Industry in China by Using DEA-Based Malmquist Productivity Indices. <i>Journal of Construction Engineering and Management - ASCE</i> , 2008 , 134, 64-71	4.2	89
267	Scientometric review of global research trends on green buildings in construction journals from 1992 to 2018. <i>Energy and Buildings</i> , 2019 , 190, 69-85	7	88
266	Integrating Building Information Modeling and Prefabrication Housing Production. <i>Automation in Construction</i> , 2019 , 100, 46-60	9.6	85
265	An application of the Internet-based project management system. <i>Automation in Construction</i> , 2001 , 10, 239-246	9.6	83
264	Managing social risks at the housing demolition stage of urban redevelopment projects: A stakeholder-oriented study using social network analysis. <i>International Journal of Project Management</i> , 2017 , 35, 925-941	7.6	80

263	Critical Success Factors for Transfer-Operate-Transfer Urban Water Supply Projects in China. <i>Journal of Management in Engineering - ASCE</i> , 2011 , 27, 243-251	5.3	77
262	Occupancy data analytics and prediction: A case study. <i>Building and Environment</i> , 2016 , 102, 179-192	6.5	77
261	Application of 4D for dynamic site layout and management of construction projects. <i>Automation in Construction</i> , 2005 , 14, 369-381	9.6	76
260	Ancient Chinese Timber Architecture. I: Experimental Study. <i>Journal of Structural Engineering</i> , 2001 , 127, 1348-1357	3	73
259	Recycling attitude and behaviour in university campus: a case study in Hong Kong. <i>Facilities</i> , 2012 , 30, 630-646	2.2	70
258	Priority setting in maintenance management: a modified multi-attribute approach using analytic hierarchy process. <i>Construction Management and Economics</i> , 1998 , 16, 693-702	3	70
257	A game theory based analysis of decision making for green retrofit under different occupancy types. <i>Journal of Cleaner Production</i> , 2016 , 137, 1300-1312	10.3	69
256	Investigation of Critical Success Factors in Construction Project Briefing by Way of Content Analysis. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006 , 132, 1178-1186	4.2	69
255	Multiregional input-output model for China's farm land and water use. <i>Environmental Science & Technology</i> , 2015 , 49, 403-14	10.3	67
254	Ranked Critical Factors in PPP Briefings. <i>Journal of Management in Engineering - ASCE</i> , 2013 , 29, 164-171	5.3	64
253	An overview of previous studies in stakeholder management and its implications for the construction industry. <i>Journal of Facilities Management</i> , 2009 , 7, 159-175	1.7	62
252	A framework of decision-making factors and supporting information for facilitating sustainable site planning in urban renewal projects. <i>Cities</i> , 2014 , 40, 44-55	5.6	61
251	Building Information Modeling-based user activity simulation and evaluation method for improving designer-user communications. <i>Automation in Construction</i> , 2012 , 21, 148-160	9.6	59
250	The moderating effect of perceived policy effectiveness on recycling intention. <i>Journal of Environmental Psychology</i> , 2014 , 37, 55-60	6.7	59
249	Stakeholder-Associated Supply Chain Risks and Their Interactions in a Prefabricated Building Project in Hong Kong. <i>Journal of Management in Engineering - ASCE</i> , 2019 , 35, 05018015	5.3	58
248	An Internet of Things-enabled BIM platform for modular integrated construction: A case study in Hong Kong. <i>Advanced Engineering Informatics</i> , 2019 , 42, 100997	7.4	57
247	A typology of operational approaches for stakeholder analysis and engagement. <i>Construction Management and Economics</i> , 2011 , 29, 145-162	3	57
246	Measuring the Performance of Value Management Studies in Construction: Critical Review. <i>Journal of Management in Engineering - ASCE</i> , 2007 , 23, 2-9	5.3	57

245	Generic Model for Measuring Benefits of BIM as a Learning Tool in Construction Tasks. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013 , 139, 195-203	4.2	55
244	Investigating key challenges in major public engineering projects by a network-theory based analysis of stakeholder concerns: A case study. <i>International Journal of Project Management</i> , 2017 , 35, 78-94	7.6	53
243	Critical Success Factors for Stakeholder Management: Construction Practitioners' Perspectives. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010 , 136, 778-786	4.2	53
242	Barriers to the adoption of modular integrated construction: Systematic review and meta-analysis, integrated conceptual framework, and strategies. <i>Journal of Cleaner Production</i> , 2020 , 249, 119347	10.3	53
241	Uncertainty analysis for measuring greenhouse gas emissions in the building construction phase: a case study in China. <i>Journal of Cleaner Production</i> , 2016 , 129, 183-195	10.3	50
240	Critical success factors for modular integrated construction projects: a review. <i>Building Research and Information</i> , 2020 , 48, 763-784	4.3	50
239	Improving the accuracy of energy baseline models for commercial buildings with occupancy data. <i>Applied Energy</i> , 2016 , 179, 247-260	10.7	49
238	Awarding Construction Contracts on Multicriteria Basis in China. <i>Journal of Construction Engineering and Management - ASCE</i> , 2004 , 130, 385-393	4.2	49
237	RBL-PHP: Simulation of Lean Construction and Information Technologies for Prefabrication Housing Production. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04017053	5.3	49
236	Factors affecting effectiveness and efficiency of analyzing stakeholders' needs at the briefing stage of public private partnership projects. <i>International Journal of Project Management</i> , 2013 , 31, 513-521	7.6	47
235	Who should take the responsibility? Stakeholders' power over social responsibility issues in construction projects. <i>Journal of Cleaner Production</i> , 2017 , 154, 318-329	10.3	46
234	Framework for Stakeholder Management in Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2015 , 31, 04014064	5.3	46
233	An integrated approach to supporting land-use decisions in site redevelopment for urban renewal in Hong Kong. <i>Habitat International</i> , 2013 , 38, 70-80	4.6	46
232	Decision support for sustainable urban renewal: A multi-scale model. <i>Land Use Policy</i> , 2017 , 69, 361-371	5.6	45
231	Delivering a low-carbon community in China: Technology vs. strategy?. <i>Habitat International</i> , 2013 , 37, 130-137	4.6	45
230	A model for simulating schedule risks in prefabrication housing production: A case study of six-day cycle assembly activities in Hong Kong. <i>Journal of Cleaner Production</i> , 2018 , 185, 366-381	10.3	44
229	Green retrofit of aged residential buildings in Hong Kong: A preliminary study. <i>Building and Environment</i> , 2018 , 143, 89-98	6.5	44
228	An optimization model for managing stakeholder conflicts in urban redevelopment projects in China. <i>Journal of Cleaner Production</i> , 2019 , 212, 537-547	10.3	44

227	An empirical study of the variables affecting construction project briefing/architectural programming. <i>International Journal of Project Management</i> , 2007 , 25, 198-212	7.6	43
226	Application of value management in project briefing. <i>Facilities</i> , 2005 , 23, 330-342	2.2	43
225	Ancient Chinese Timber Architecture. II: Dynamic Characteristics. <i>Journal of Structural Engineering</i> , 2001 , 127, 1358-1364	3	43
224	Key determinants of willingness to support policy measures on recycling: A case study in Hong Kong. <i>Environmental Science and Policy</i> , 2015 , 54, 409-418	6.2	42
223	Improving Management of Green Retrofits from a Stakeholder Perspective: A Case Study in China. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 13823-42	4.6	41
222	Driving force of urban growth and regional planning: A case study of China's Guangdong Province. <i>Habitat International</i> , 2013 , 40, 35-41	4.6	41
221	The exploration of the life-cycle energy saving potential for using prefabrication in residential buildings in China. <i>Energy and Buildings</i> , 2018 , 166, 561-570	7	39
220	Making incentive policies more effective: An agent-based model for energy-efficiency retrofit in China. <i>Energy Policy</i> , 2019 , 126, 177-189	7.2	39
219	An Overview of the driving forces behind energy demand in China's construction industry: Evidence from 1990 to 2012. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 73, 85-94	16.2	38
218	Schedule risk modeling in prefabrication housing production. <i>Journal of Cleaner Production</i> , 2017 , 153, 692-706	10.3	38
217	Incentives for green retrofits: An evolutionary game analysis on Public-Private-Partnership reconstruction of buildings. <i>Journal of Cleaner Production</i> , 2019 , 232, 1076-1092	10.3	38
216	The User Pre-Occupancy Evaluation Method in designer-client communication in early design stage: A case study. <i>Automation in Construction</i> , 2013 , 32, 112-124	9.6	38
215	Briefing from a facilities management perspective. <i>Facilities</i> , 2005 , 23, 356-367	2.2	38
214	IT supported collaborative work in A/E/C projects: A ten-year review. <i>Automation in Construction</i> , 2012 , 21, 1-9	9.6	37
213	A framework for identification and representation of client requirements in the briefing process. <i>Construction Management and Economics</i> , 2004 , 22, 213-221	3	37
212	A generic decision model for developing concentrated rural settlement in post-disaster reconstruction: a China study. <i>Natural Hazards</i> , 2014 , 71, 611-637	3	36
211	Exploring energy flows embodied in China's economy from the regional and sectoral perspectives via combination of multi-regional input-output analysis and a complex network approach. <i>Energy</i> , 2019 , 170, 1191-1201	7.9	35
210	Salient attributes of urban green spaces in high density cities: The case of Hong Kong. <i>Habitat International</i> , 2015 , 49, 92-99	4.6	34

209	A review on political factors influencing public support for urban environmental policy. <i>Environmental Science and Policy</i> , 2017 , 75, 70-80	6.2	32
208	Neighborhood sustainability in urban renewal: An assessment framework. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2017 , 44, 903-924	2	31
207	Encouraging the use of urban green space: The mediating role of attitude, perceived usefulness and perceived behavioural control. <i>Habitat International</i> , 2015 , 50, 130-139	4.6	31
206	Embodied cultivated land use in China 1987-2007. <i>Ecological Indicators</i> , 2014 , 47, 198-209	5.8	31
205	Identification of Key Performance Indicators for Measuring the Performance of Value Management Studies in Construction. <i>Journal of Construction Engineering and Management - ASCE</i> , 2011 , 137, 698-706	4.2	31
204	Comparing the value of information sharing under different inventory policies in construction supply chain. <i>International Journal of Project Management</i> , 2011 , 29, 867-876	7.6	31
203	Factors constraining the development of professional project management in China's construction industry. <i>International Journal of Project Management</i> , 2004 , 22, 203-211	7.6	31
202	GIS-Based Framework for Supporting Land Use Planning in Urban Renewal: Case Study in Hong Kong. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2015 , 141, 05014015	2.2	30
201	A multi-regional based hybrid method for assessing life cycle energy use of buildings: A case study. <i>Journal of Cleaner Production</i> , 2017 , 148, 760-772	10.3	29
200	Stakeholders' Influence strategies on social responsibility implementation in construction projects. <i>Journal of Cleaner Production</i> , 2019 , 235, 348-358	10.3	29
199	Construction Safety Management Systems		29
198	Is insufficient land supply the root cause of housing shortage? Empirical evidence from Hong Kong. <i>Habitat International</i> , 2015 , 49, 538-546	4.6	28
197	A Group Support System for improving value management studies in construction. <i>Automation in Construction</i> , 2004 , 13, 209-224	9.6	28
196	Virtual experiment of innovative construction operations. <i>Automation in Construction</i> , 2003 , 12, 561-575	9.6	28
195	A computer-aided decision support system for assessing a contractor's competitiveness. <i>Automation in Construction</i> , 2003 , 12, 577-587	9.6	28
194	Is the Hong Kong construction industry ready for value management?. <i>International Journal of Project Management</i> , 2000 , 18, 317-326	7.6	28
193	A framework for benchmarking the value management process. <i>Benchmarking</i> , 2001 , 8, 306-316	4	28
192	Underlying relationships between public urban green spaces and social cohesion: A systematic literature review. <i>City, Culture and Society</i> , 2021 , 24, 100383	2.2	28

191	The moderating effect of subjective norm in predicting intention to use urban green spaces: A study of Hong Kong. <i>Sustainable Cities and Society</i> , 2018 , 37, 288-297	10.1	28
190	Holistic Review and Conceptual Framework for the Drivers of Offsite Construction: A Total Interpretive Structural Modelling Approach. <i>Buildings</i> , 2019 , 9, 117	3.2	27
189	Measurement and Dependence Analysis of Cost Overruns in Megatransport Infrastructure Projects: Case Study in Hong Kong. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018 , 144, 05018001	10.3	27
188	Literature review of green retrofit design for commercial buildings with BIM implication. <i>Smart and Sustainable Built Environment</i> , 2015 , 4, 188-214	3	27
187	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. <i>Journal of Management in Engineering - ASCE</i> , 2016 , 32, 05015003	5.3	26
186	Addressing stakeholder complexity and major pitfalls in large cultural building projects. <i>International Journal of Project Management</i> , 2017 , 35, 463-478	7.6	26
185	Evaluating different stakeholder impacts on the occurrence of quality defects in offsite construction projects: A Bayesian-network-based model. <i>Journal of Cleaner Production</i> , 2019 , 241, 118390	10.3	26
184	Spillover effect of technological innovation on CO2 emissions in China's construction industry. <i>Building and Environment</i> , 2020 , 171, 106653	6.5	26
183	International diversification and corporate social responsibility: an empirical study of Chinese contractors. <i>Management Decision</i> , 2016 , 54,	4.4	26
182	Evaluating social sustainability of urban housing demolition in Shanghai, China. <i>Journal of Cleaner Production</i> , 2017 , 153, 26-40	10.3	25
181	Schedule delay analysis of prefabricated housing production: A hybrid dynamic approach. <i>Journal of Cleaner Production</i> , 2018 , 195, 1533-1545	10.3	25
180	A group decision support system for value management studies in the construction industry. <i>International Journal of Project Management</i> , 2002 , 20, 247-252	7.6	25
179	Embodied pasture land use change in China 2000-2015: From the perspective of globalization. <i>Land Use Policy</i> , 2019 , 82, 476-485	5.6	24
178	Which Owner Characteristics Are Key Factors Affecting Project Delivery System Decision Making? Empirical Analysis Based on the Rough Set Theory. <i>Journal of Management in Engineering - ASCE</i> , 2015 , 31, 05014018	5.3	24
177	A group decision support system for implementing value management methodology in construction briefing. <i>International Journal of Project Management</i> , 2011 , 29, 1003-1017	7.6	24
176	Value management: recent developments and way forward. <i>Construction Innovation</i> , 2012 , 12, 264-271	4.1	24
175	A linguistic group decision-making framework for bid evaluation in mega public projects considering carbon dioxide emissions reduction. <i>Journal of Cleaner Production</i> , 2017 , 148, 811-825	10.3	23
174	Critical risk factors in the application of modular integrated construction: a systematic review. <i>International Journal of Construction Management</i> , 2019 , 1-15	1.9	23

173	Water-energy nexus and its efficiency in China's construction industry: Evidence from province-level data. <i>Sustainable Cities and Society</i> , 2019 , 48, 101557	10.1	23
172	Comparative Study of the Variables in Construction Project Briefing/Architectural Programming. <i>Journal of Construction Engineering and Management - ASCE</i> , 2008 , 134, 122-138	4.2	22
171	Cost modelling of office buildings in Hong Kong: an exploratory study. <i>Facilities</i> , 2005 , 23, 438-452	2.2	22
170	Supply Chain Management for Prefabricated Building Projects in Hong Kong. <i>Journal of Management in Engineering - ASCE</i> , 2020 , 36, 05020001	5.3	22
169	Smart work packaging-enabled constraint-free path re-planning for tower crane in prefabricated products assembly process. <i>Advanced Engineering Informatics</i> , 2020 , 43, 101008	7.4	22
168	Critical success factors for management of the early stages of prefabricated prefinished volumetric construction project life cycle. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 2315-2333	2.1	22
167	The evolution of patterns within embodied energy flows in the Chinese economy: A multi-regional-based complex network approach. <i>Sustainable Cities and Society</i> , 2019 , 47, 101500	10.1	21
166	Field Evaluation of the Dust Impacts from Construction Sites on Surrounding Areas: A City Case Study in China. <i>Sustainability</i> , 2019 , 11, 1906	3.6	21
165	Net Asset Value-Based Concession Duration Model for BOT Contracts. <i>Journal of Construction Engineering and Management - ASCE</i> , 2012 , 138, 304-308	4.2	21
164	Decision-making model to generate novel emergency response plans for improving coordination during large-scale emergencies. <i>Knowledge-Based Systems</i> , 2015 , 90, 111-128	7.3	20
163	Design of spatial decision support systems for property professionals using MapObjects and Excel. <i>Automation in Construction</i> , 2004 , 13, 565-573	9.6	20
162	Priority setting in planned maintenance - practical issues in using the multi-attribute approach. <i>Building Research and Information</i> , 1998 , 26, 169-180	4.3	20
161	Critical Success Factors for Value Management Workshops in Malaysia. <i>Journal of Management in Engineering - ASCE</i> , 2015 , 31, 05014015	5.3	19
160	A comparative study of priority setting methods for planned maintenance of public buildings. <i>Facilities</i> , 1997 , 15, 331-339	2.2	19
159	Applications of value management in the construction industry in China. <i>Engineering, Construction and Architectural Management</i> , 2004 , 11, 9-19	3.1	19
158	Using XML to support information exchange in construction projects. <i>Automation in Construction</i> , 2004 , 13, 629-637	9.6	19
157	Identifying supply chain capabilities of construction firms in industrialized construction. <i>Production Planning and Control</i> , 2021 , 32, 303-321	4.3	19
156	Integrating value management into sustainable construction projects in Hong Kong. <i>Engineering, Construction and Architectural Management</i> , 2018 , 25, 1475-1500	3.1	19

155	The effectiveness of DustBubbles on dust control in the process of concrete drilling. <i>Safety Science</i> , 2012 , 50, 1284-1289	5.8	18
154	Using Group Decision Support System to Support Value Management Workshops. <i>Journal of Computing in Civil Engineering</i> , 2008 , 22, 100-113	5	18
153	Risks of modular integrated construction: A review and future research directions. <i>Frontiers of Engineering Management</i> , 2020 , 7, 63-80	2.7	18
152	Characterizing embodied energy accounting with a multi-dimensional framework: A study of China's building sector. <i>Journal of Cleaner Production</i> , 2019 , 215, 154-164	10.3	18
151	Stakeholder complexity in large scale green building projects. <i>Engineering, Construction and Architectural Management</i> , 2018 , 25, 1454-1474	3.1	18
150	Effects of physical and psychological factors on users' attitudes, use patterns, and perceived benefits toward urban parks. <i>Urban Forestry and Urban Greening</i> , 2020 , 51, 126691	5.4	17
149	Embodied agricultural water use in China from 1997 to 2010. <i>Journal of Cleaner Production</i> , 2016 , 112, 3176-3184	10.3	17
148	The decision model of the intuitionistic fuzzy group bid evaluation for urban infrastructure projects considering social costs. <i>Canadian Journal of Civil Engineering</i> , 2013 , 40, 263-273	1.3	17
147	Developing a conceptual framework of smart work packaging for constraints management in prefabrication housing production. <i>Advanced Engineering Informatics</i> , 2019 , 42, 100938	7.4	16
146	Energy-dominated carbon metabolism: A case study of Hubei province, China. <i>Ecological Informatics</i> , 2015 , 26, 85-92	4.2	16
145	Failure Caused by Inappropriate Construction Methods: An Expensive Lesson. <i>Journal of Management in Engineering - ASCE</i> , 2013 , 29, 25-34	5.3	16
144	Improving agent-based negotiation efficiency in construction supply chains: A relative entropy method. <i>Automation in Construction</i> , 2009 , 18, 975-982	9.6	16
143	The application of electronic commerce and information integration in the construction industry. <i>International Journal of Project Management</i> , 2007 , 25, 158-163	7.6	16
142	Comparative Study of Idea Generation between Traditional Value Management Workshops and GDSS-Supported Workshops. <i>Journal of Construction Engineering and Management - ASCE</i> , 2007 , 133, 816-825	4.2	16
141	Real Options Model of Toll-Adjustment Mechanism in Concession Contracts of Toll Road Projects. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04017040	5.3	15
140	Comparing the Performance Quality of Design-Bid-Build and Design-Build Delivery Methods. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017 , 143, 04016111	4.2	15
139	The effect of using group decision support systems in value management studies: An experimental study in Hong Kong. <i>International Journal of Project Management</i> , 2011 , 29, 13-25	7.6	15
138	A case-based reasoning system for using functional performance specification in the briefing of building projects. <i>Automation in Construction</i> , 2010 , 19, 725-733	9.6	15

137	Multiple-objective bidding strategy using goal programming technique. <i>Management Decision</i> , 2008 , 46, 656-672	4.4	15
136	Value management in China: current state and future prospect. <i>Management Decision</i> , 2005 , 43, 603-610	4.4	15
135	Supporting the decision-making process for sustainable housing. <i>Construction Management and Economics</i> , 2002 , 20, 387-390	3	15
134	Customization of on-site assembly services by integrating the internet of things and BIM technologies in modular integrated construction. <i>Automation in Construction</i> , 2021 , 126, 103663	9.6	15
133	Techno-economic feasibility of solar water heating system: Overview and meta-analysis. <i>Sustainable Energy Technologies and Assessments</i> , 2018 , 30, 164-173	4.7	15
132	For the balance of stakeholders' power and responsibility. <i>Management Decision</i> , 2018 , 56, 550-569	4.4	14
131	Different interaction mechanisms of market structure in the construction industry TFP from the spatial perspective: A case study in China. <i>KSCE Journal of Civil Engineering</i> , 2016 , 20, 23-33	1.9	14
130	Foundation pit displacement monitoring and prediction using least squares support vector machines based on multi-point measurement. <i>Structural Health Monitoring</i> , 2019 , 18, 715-724	4.4	14
129	Mapping the knowledge domains of value management: a bibliometric approach. <i>Engineering, Construction and Architectural Management</i> , 2019 , 26, 499-514	3.1	13
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