

# Mohammad Reza Hosseini

## 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.

136  
papers

3,067  
citations

31  
h-index

50  
g-index

146  
ext. papers

4,305  
ext. citations

4.2  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
136	Structural Performance Assessment of Innovative Hollow Cellular Panels for Modular Flooring System. <i>Buildings</i> , <b>2022</b> , 12, 57	3.2	2
135	Machine learning-based analysis of occupant-centric aspects: Critical elements in the energy consumption of residential buildings. <i>Journal of Building Engineering</i> , <b>2022</b> , 46, 103846	5.2	1
134	Towards enhancement in reliability and safety of construction projects: developing a hybrid multi-dimensional fuzzy-based approach. <i>Engineering, Construction and Architectural Management</i> , <b>2022</b> , ahead-of-print,	3.1	3
133	Financial management of construction projects: Hyperledger fabric and chaincode solutions. <i>Automation in Construction</i> , <b>2022</b> , 137, 104185	9.6	4
132	Causal analysis of accidents on construction sites: A hybrid fuzzy Delphi and DEMATEL approach. <i>Safety Science</i> , <b>2022</b> , 151, 105730	5.8	6
131	A Multi-objective Dynamic Optimization Approach to Project Schedule Management: A Case Study of a Gas Field Construction. <i>KSCE Journal of Civil Engineering</i> , <b>2022</b> , 26, 1005-1013	1.9	1
130	Predicting communication quality in construction projects: A fully-connected deep neural network approach. <i>Automation in Construction</i> , <b>2022</b> , 139, 104268	9.6	1
129	Artificial intelligence-based voice assistant for BIM data management. <i>Automation in Construction</i> , <b>2022</b> , 140, 104320	9.6	0
128	The effectiveness of web-based technology platforms in facilitating construction project collaboration: a qualitative analysis of 1,152 user reviews. <i>Journal of Information Technology in Construction</i> , <b>2021</b> , 26, 953-973	2.5	
127	Reverse supply chain conceptual model for construction and demolition waste. <i>Waste Management and Research</i> , <b>2021</b> , 39, 1341-1355	4	4
126	Exploration of latent barriers inhibiting project management processes in adopting smart building technologies (SBTs) in the developing countries. <i>Construction Innovation</i> , <b>2021</b> , ahead-of-print,	4.1	4
125	BIM Adoption in the Cambodian Construction Industry: Key Drivers and Barriers. <i>ISPRS International Journal of Geo-Information</i> , <b>2021</b> , 10, 215	2.9	12
124	Collaboration in BIM-based construction networks: a qualitative model of influential factors. <i>Engineering, Construction and Architectural Management</i> , <b>2021</b> , ahead-of-print,	3.1	3
123	Digitalization as a Strategic Means of Achieving Sustainable Efficiencies in Construction Management: A Critical Review. <i>Sustainability</i> , <b>2021</b> , 13, 5040	3.6	13
122	Cash flow system development framework within integrated project delivery (IPD) using BIM tools. <i>International Journal of Construction Management</i> , <b>2021</b> , 21, 555-570	1.9	12
121	Engineering project networks: providing sustainable work systems for construction knowledge workers. <i>Journal of Engineering, Design and Technology</i> , <b>2021</b> , 19, 21-40	1.5	1
120	Integrating BIM in Higher Education Programs: Barriers and Remedial Solutions in Australia. <i>Journal of Architectural Engineering</i> , <b>2021</b> , 27, 05020010	1.5	6

119	Designing collaborative problem solving assessment tasks in engineering: an evaluative judgement perspective. <i>Assessment and Evaluation in Higher Education</i> , <b>2021</b> , 46, 913-927	3.1	2
118	Revolutionising cost structure for integrated project delivery: a BIM-based solution. <i>Engineering, Construction and Architectural Management</i> , <b>2021</b> , 28, 1214-1240	3.1	6
117	Barriers to sustainable construction project management: the case of Iran. <i>Smart and Sustainable Built Environment</i> , <b>2021</b> , ahead-of-print,	3	5
116	ENHANCEMENT OF BID DECISION-MAKING IN CONSTRUCTION PROJECTS: A RELIABILITY ANALYSIS APPROACH. <i>Journal of Civil Engineering and Management</i> , <b>2021</b> , 27, 149-161	3	9
115	Public administration strategies that stimulate reverse logistics within the construction industry: a conceptual typology. <i>Engineering, Construction and Architectural Management</i> , <b>2021</b> , ahead-of-print,	3.1	3
114	BIM-Based Tools for Managing Construction and Demolition Waste (CDW): A Scoping Review. <i>Sustainability</i> , <b>2021</b> , 13, 8427	3.6	2
113	Australia's push to make residential housing sustainable - Do end-users care?. <i>Habitat International</i> , <b>2021</b> , 114, 102384	4.6	2
112	Deterrents to the adoption of green walls: a hybrid fuzzy-based approach. <i>Engineering, Construction and Architectural Management</i> , <b>2021</b> , ahead-of-print,	3.1	7
111	Barriers impeding sustainable project management: A Social Network Analysis of the Iranian construction sector. <i>Journal of Cleaner Production</i> , <b>2021</b> , 318, 128405	10.3	3
110	Blockchain and the Internet of Things' for the construction industry: research trends and opportunities. <i>Automation in Construction</i> , <b>2021</b> , 132, 103942	9.6	20
109	Developing a novel cash flow risk analysis framework for construction projects based on 5D BIM. <i>Journal of Building Engineering</i> , <b>2021</b> , 44, 103341	5.2	3
108	Position paper: digital engineering and building information modelling in Australia. <i>Smart and Sustainable Built Environment</i> , <b>2020</b> , ahead-of-print,	3	7
107	Integrated project delivery with blockchain: An automated financial system. <i>Automation in Construction</i> , <b>2020</b> , 114, 103182	9.6	73
106	Artificial intelligence in the AEC industry: Scientometric analysis and visualization of research activities. <i>Automation in Construction</i> , <b>2020</b> , 112, 103081	9.6	121
105	Hand-arm vibration management: an operational health and safety strategy framework. <i>International Journal of Building Pathology and Adaptation</i> , <b>2020</b> , ahead-of-print,	1.6	3
104	ASSESSING PROCUREMENT IRREGULARITIES IN THE SUPPLY-CHAIN OF GHANAIAN CONSTRUCTION PROJECTS: A SOFT-COMPUTING APPROACH. <i>Journal of Civil Engineering and Management</i> , <b>2020</b> , 26, 66-82	3	6
103	Safety management in construction: 20 years of risk modeling. <i>Safety Science</i> , <b>2020</b> , 129, 104805	5.8	13
102	Improving the energy production of roof-top solar PV systems through roof design. <i>Building Simulation</i> , <b>2020</b> , 13, 475-487	3.9	8

101	Impacts of anti-corruption barriers on the efficacy of anti-corruption measures in infrastructure projects: Implications for sustainable development. <i>Journal of Cleaner Production</i> , <b>2020</b> , 246, 119078	10.3	18
100	A field survey of hand-arm vibration exposure in the UK utilities sector. <i>Engineering, Construction and Architectural Management</i> , <b>2020</b> , 27, 2179-2198	3.1	21
99	Real-time structural health monitoring for concrete beams: a cost-effective Industry 4.0 solution using piezo sensors. <i>International Journal of Building Pathology and Adaptation</i> , <b>2020</b> , 39, 283-311	1.6	17
98	Developing an Ensemble Predictive Safety Risk Assessment Model: Case of Malaysian Construction Projects. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	12
97	Factors Driving Success of Cost Management Practices in Integrated Project Delivery (IPD). <i>Sustainability</i> , <b>2020</b> , 12, 9539	3.6	7
96	Towards intelligent structural design of buildings: A BIM-based solution. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101685	5.2	21
95	Patterns and trends in Internet of Things (IoT) research: future applications in the construction industry. <i>Engineering, Construction and Architectural Management</i> , <b>2020</b> , 28, 457-481	3.1	38
94	Toward digitalization in the construction industry with immersive and drones technologies: a critical literature review. <i>Smart and Sustainable Built Environment</i> , <b>2020</b> , ahead-of-print,	3	24
93	Analysis of success-dependent factors for green bond financing of infrastructure projects in Ghana. <i>Journal of Sustainable Finance and Investment</i> , <b>2020</b> , 1-17	3	2
92	Distinguishing Characteristics of Corruption Risks in Iranian Construction Projects: A Weighted Correlation Network Analysis. <i>Science and Engineering Ethics</i> , <b>2020</b> , 26, 205-231	3.1	22
91	Performance-based control of variability and tolerance in off-site manufacture and assembly: optimization of penalty on poor production quality. <i>Construction Management and Economics</i> , <b>2020</b> , 38, 502-514	3	23
90	A review on renewable energy transition in Australia: An updated depiction. <i>Journal of Cleaner Production</i> , <b>2020</b> , 242, 118475	10.3	63
89	Rebar corrosion detection, protection, and rehabilitation of reinforced concrete structures in coastal environments: A review. <i>Construction and Building Materials</i> , <b>2019</b> , 224, 1026-1039	6.7	56
88	Building Information Modeling (BIM) for Structural Engineering: A Bibliometric Analysis of the Literature. <i>Advances in Civil Engineering</i> , <b>2019</b> , 2019, 1-19	1.3	19
87	Automated planning of concrete joint layouts with 4D-BIM. <i>Automation in Construction</i> , <b>2019</b> , 107, 1029436	4.36	29
86	Advanced BIM Applications in the Construction Industry. <i>Advances in Civil Engineering</i> , <b>2019</b> , 2019, 1-3	1.3	6
85	Construct-it: A board game to enhance built environment students' understanding of the property life cycle. <i>Industry and Higher Education</i> , <b>2019</b> , 33, 186-197	1.3	2
84	Causes of delays on construction projects: a comprehensive list. <i>International Journal of Managing Projects in Business</i> , <b>2019</b> , 13, 20-46	2.4	39

83	Post-occupancy evaluation: a review of literature. <i>Engineering, Construction and Architectural Management</i> , <b>2019</b> , 26, 2084-2106	3.1	41
82	Barriers to green operation of commercial office buildings. <i>Facilities</i> , <b>2019</b> , 37, 1048-1065	2.2	7
81	Foreign Direct Investment in Infrastructure Projects: Taxonomy of Political Risk Profiles in Developing Countries. <i>Journal of Infrastructure Systems</i> , <b>2019</b> , 25, 04019022	2.9	3
80	Collaboration barriers in BIM-based construction networks: A conceptual model. <i>International Journal of Project Management</i> , <b>2019</b> , 37, 839-854	7.6	72
79	End-user engagement: The missing link of sustainability transition for Australian residential buildings. <i>Journal of Cleaner Production</i> , <b>2019</b> , 224, 697-708	10.3	13
78	Barriers to adoption of RPAs on construction projects: a task-technology fit perspective. <i>Construction Innovation</i> , <b>2019</b> , 19, 149-169	4.1	16
77	Contractors' attitudes towards the factors affecting sustainability performance: Evidence from Palestine. <i>Business Strategy and Development</i> , <b>2019</b> , 2, 173-179	2.1	9
76	Multi-sided Platforms: A Business Model for BIM Adoption in Built Environment SMEs. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 22-32	0.9	0
75	Integrated project delivery with BIM: An automated EVM-based approach. <i>Automation in Construction</i> , <b>2019</b> , 106, 102907	9.6	14
74	FOREIGN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES: A DYNAMIC PANEL DATA MODEL OF POLITICAL RISK IMPACTS. <i>Technological and Economic Development of Economy</i> , <b>2019</b> , 25, 134-167	4.7	5
73	Political risk management of foreign direct investment in infrastructure projects. <i>Engineering, Construction and Architectural Management</i> , <b>2019</b> , 28, 125-153	3.1	7
72	Scientometric analysis of research on remotely piloted aircraft. <i>Engineering, Construction and Architectural Management</i> , <b>2019</b> , 27, 634-657	3.1	3
71	Barriers to the use of integrated project delivery (IPD): a quantified model for Malaysia. <i>Engineering, Construction and Architectural Management</i> , <b>2019</b> , 27, 186-204	3.1	16
70	Housing attributes and relative house prices in Ghana. <i>International Journal of Building Pathology and Adaptation</i> , <b>2019</b> , 37, 733-746	1.6	3
69	A Principal-Agent Theory Perspective on PPP Risk Allocation. <i>Sustainability</i> , <b>2019</b> , 11, 6455	3.6	16
68	A preliminary mechanical design evaluation of the Wikispeed car: for light-weighting implications. <i>Journal of Engineering, Design and Technology</i> , <b>2019</b> , 17, 230-249	1.5	1
67	Barriers inhibiting the transition to sustainability within the Australian construction industry: An investigation of technical and social interactions. <i>Journal of Cleaner Production</i> , <b>2019</b> , 211, 281-292	10.3	38
66	Demographic Variables of Corruption in the Chinese Construction Industry: Association Rule Analysis of Conviction Records. <i>Science and Engineering Ethics</i> , <b>2019</b> , 25, 1147-1165	3.1	10

65	Integrating BIM into facility management. <i>International Journal of Building Pathology and Adaptation</i> , <b>2018</b> , 36, 2-14	1.6	29
64	Bibliometric Analysis of Published Studies in ASCE Construction Research Congress, USA <b>2018</b> ,		1
63	Critical evaluation of off-site construction research: A Scientometric analysis. <i>Automation in Construction</i> , <b>2018</b> , 87, 235-247	9.6	211
62	Daylighting and visual comfort of oriental sun responsive skins: A parametric analysis. <i>Building Simulation</i> , <b>2018</b> , 11, 663-676	3.9	32
61	Integration of parametric design into modular coordination: A construction waste reduction workflow. <i>Automation in Construction</i> , <b>2018</b> , 88, 1-12	9.6	54
60	A qualitative investigation of perceived impacts of virtuality on effectiveness of hybrid construction project teams. <i>Construction Innovation</i> , <b>2018</b> , 18, 109-131	4.1	2
59	Sustainable Delivery of Megaprojects in Iran: Integrated Model of Contextual Factors. <i>Journal of Management in Engineering - ASCE</i> , <b>2018</b> , 34, 05017011	5.3	30
58	Energy productivity convergence within the Australian construction industry: A panel data study. <i>Energy Economics</i> , <b>2018</b> , 72, 313-320	8.3	8
57	Collaborative Role of Sociotechnical Components in BIM-Based Construction Networks in Two Hospitals. <i>Journal of Management in Engineering - ASCE</i> , <b>2018</b> , 34, 05018006	5.3	25
56	Method for developing and updating deterioration models for concrete bridge decks using GPR data. <i>Automation in Construction</i> , <b>2018</b> , 91, 133-141	9.6	12
55	Optimal process integration architectures in off-site construction: Theorizing the use of multi-skilled resources. <i>Architectural Engineering and Design Management</i> , <b>2018</b> , 14, 46-59	1.2	31
54	Roadmap to Mature BIM Use in Australian SMEs: Competitive Dynamics Perspective. <i>Journal of Management in Engineering - ASCE</i> , <b>2018</b> , 34, 05018008	5.3	25
53	The Sustainability Narrative in Contemporary Architecture: Falling Short of Building a Sustainable Future. <i>Sustainability</i> , <b>2018</b> , 10, 981	3.6	13
52	Factors driving the implementation of reverse logistics: A quantified model for the construction industry. <i>Waste Management</i> , <b>2018</b> , 79, 48-57	8.6	52
51	Assessing the Influence of Virtuality on the Effectiveness of Engineering Project Networks: Big Five Theory Perspective. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2018</b> , 144, 04018059	4.2	11
50	Advanced ICT Methodologies (AIM) in the Construction Industry <b>2018</b> , 539-550		1
49	Building information modelling in sustainable design and construction. <i>International Journal of Sustainable Real Estate and Construction Economics</i> , <b>2018</b> , 1, 164	0.1	2
48	An empirical examination of moral hazards and adverse selection on PPP projects. <i>Journal of Engineering, Design and Technology</i> , <b>2018</b> , 16, 910-924	1.5	7

47	Digital engineering potential in addressing causes of construction accidents. <i>Automation in Construction</i> , <b>2018</b> , 95, 284-295	9.6	20
46	Analysis of Citation Networks in Building Information Modeling Research. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2018</b> , 144, 04018064	4.2	61
45	Viability of the BIM Manager Enduring as a Distinct Role: Association Rule Mining of Job Advertisements. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2018</b> , 144, 04018085	4.2	16
44	Critical success factors (CSFs) for integration of sustainability into construction project management practices in developing countries. <i>International Journal of Project Management</i> , <b>2017</b> , 35, 1103-1119	7.6	170
43	Managing the financial risks affecting construction contractors: implementing hedging in Sri Lanka. <i>International Journal of Strategic Property Management</i> , <b>2017</b> , 21, 212-224	1.9	21
42	Implementation of the LPS using an excel spreadsheet. <i>Construction Innovation</i> , <b>2017</b> , 17, 324-339	4.1	7
41	Integrated management of on-site, coordination and off-site uncertainty: Theorizing risk analysis within a hybrid project setting. <i>International Journal of Project Management</i> , <b>2017</b> , 35, 647-655	7.6	43
40	An integrated model for factors affecting construction and demolition waste management in Iran. <i>Engineering, Construction and Architectural Management</i> , <b>2017</b> , 24, 1246-1268	3.1	27
39	Where the Gaps Lie: Ten Years of Research into Collaboration on BIM-Enabled Construction Projects. <i>Construction Economics and Building</i> , <b>2017</b> , 17, 121-139	0.9	11
38	Sustainability by Information and Communication Technology: A paradigm shift for construction projects in Iran. <i>Journal of Cleaner Production</i> , <b>2017</b> , 168, 1-13	10.3	18
37	Optimizing decisions in advanced manufacturing of prefabricated products: Theorizing supply chain configurations in off-site construction. <i>Automation in Construction</i> , <b>2017</b> , 84, 146-153	9.6	61
36	Collaboration in BIM-based construction networks: A bibliometric-qualitative literature review. <i>International Journal of Project Management</i> , <b>2017</b> , 35, 1288-1301	7.6	156
35	Modular Coordination-based Generative Algorithm to Optimize Construction Waste. <i>Procedia Engineering</i> , <b>2017</b> , 180, 631-639		11
34	Virtuality of hybrid design teams within the construction context: a conceptual model. <i>International Journal of Project Organisation and Management</i> , <b>2017</b> , 9, 1	0.6	1
33	Communications in Hybrid Arrangements: Case of Australian Construction Project Teams. <i>Engineering Economics</i> , <b>2017</b> , 28,	2.3	8
32	The status quo of innovations within the construction industry: a conceptual model. <i>International Journal of Project Organisation and Management</i> , <b>2016</b> , 8, 217	0.6	
31	Factors affecting perceived level of virtuality in hybrid construction project teams (HCPTs). <i>Construction Innovation</i> , <b>2016</b> , 16, 460-482	4.1	4
30	A qualitative examination of major barriers in implementation of reverse logistics within the South Australian construction sector. <i>International Journal of Construction Management</i> , <b>2016</b> , 16, 185-196	1.9	37

29	Analysis of reverse logistics implementation practices by South Australian construction organisations. <i>International Journal of Operations and Production Management</i> , <b>2016</b> , 36, 332-356	6.8	39
28	Analysis of interacting uncertainties in on-site and off-site activities: Implications for hybrid construction. <i>International Journal of Project Management</i> , <b>2016</b> , 34, 1393-1402	7.6	58
27	Critical Barriers to Implementing Risk Assessment and Management Practices (RAMP) in the Iranian Construction Sector. <i>Journal of Construction in Developing Countries</i> , <b>2016</b> , 21, 81-112	0.9	9
26	Building Information Modeling (BIM) in Iran: An Exploratory Study. <i>Journal of Engineering, Project, and Production Management</i> , <b>2016</b> , 6, 78-89	0.8	10
25	BIM adoption within Australian Small and Medium-sized Enterprises (SMEs): an innovation diffusion model. <i>Construction Economics and Building</i> , <b>2016</b> , 16, 71-86	0.9	87
24	An Investigation into using SAP-PS as a Multidimensional Project Control System (MPCS). <i>International Journal of Enterprise Information Systems</i> , <b>2016</b> , 12, 66-81	1.1	1
23	Enhancing collaboration in BIM-based construction networks through organisational discontinuity theory: a case study of the new Royal Adelaide Hospital. <i>Architectural Engineering and Design Management</i> , <b>2016</b> , 12, 333-352	1.2	56
22	Drivers for adopting reverse logistics in the construction industry: a qualitative study. <i>Engineering, Construction and Architectural Management</i> , <b>2016</b> , 23, 134-157	3.1	63
21	Provision of facilities management services in Sri Lankan commercial organisations. <i>Facilities</i> , <b>2016</b> , 34, 394-412	2.2	11
20	Evaluating virtuality in teams: a conceptual model. <i>Technology Analysis and Strategic Management</i> , <b>2015</b> , 27, 385-404	3.2	11
19	Barriers to implementing reverse logistics in South Australian construction organisations. <i>Supply Chain Management</i> , <b>2015</b> , 20, 179-204	10	60
18	Adopting global virtual engineering teams in AEC Projects. <i>Construction Innovation</i> , <b>2015</b> , 15, 151-179	4.1	46
17	Labour productivity in Iranian construction projects. <i>International Journal of Productivity and Performance Management</i> , <b>2015</b> , 64, 811-830	2.3	42
16	Integration of design for reverse logistics and harvesting of information: a research agenda. <i>International Journal of Logistics Systems and Management</i> , <b>2015</b> , 20, 480	0.7	14
15	Reverse logistics in the construction industry. <i>Waste Management and Research</i> , <b>2015</b> , 33, 499-514	4	61
14	Climatic, parametric and non-parametric analysis of energy performance of double-glazed windows in different climates. <i>International Journal of Sustainable Built Environment</i> , <b>2015</b> , 4, 307-322		18
13	Major Factors Affecting Waste Generation on Construction Sites in Iran <b>2015</b> ,		5
12	Emerging ICT-Based Methods in the Architecture, Engineering, and Construction Context <b>2015</b> , 7086-7095		2



11	Mapping site-based construction workers' motivation: Expectancy theory approach. <i>Construction Economics and Building</i> , <b>2014</b> , 14, 60-77	0.9	14
10	Enhancing the effectiveness of risk management practices in Sri Lankan road construction projects: A Delphi approach. <i>International Journal of Construction Management</i> , <b>2014</b> , 14, 1-14	1.9	47
9	Implementing the international benchmarking labour productivity theoretical model. <i>Benchmarking</i> , <b>2014</b> , 21, 1041-1061	4	3
8	Global virtual engineering teams (GVETs): A fertile ground for research in Australian construction projects context. <i>International Journal of Project Management</i> , <b>2013</b> , 31, 1101-1117	7.6	33
7	A conceptual meta-framework for managing multicultural global virtual teams. <i>International Journal of Networking and Virtual Organisations</i> , <b>2013</b> , 12, 310	0.4	4
6	Approaches of Implementing ICT Technologies within the Construction Industry. <i>Australasian Journal of Construction Economics and Building - Conference Series</i> , <b>2013</b> , 1, 1		11
5	Towards an Integrated Approach for Leading and Managing Transcultural Virtual Teams <b>2013</b> , 220-241		
4	A SURVEY OF THE FACTORS AFFECTING THE PRODUCTIVITY OF CONSTRUCTION PROJECTS IN IRAN. <i>Technological and Economic Development of Economy</i> , <b>2012</b> , 18, 99-116	4.7	83
3	Factors influencing the decision to adopt Smart Building Technology (SBT) in developing countries. <i>African Journal of Science, Technology, Innovation and Development</i> , 1-11	0.7	1
2	The state of play regarding the social sustainability of the construction industry: a systematic review. <i>Journal of Housing and the Built Environment</i> , 1	2	0
1	Facilitating a transition to a circular economy in construction projects: intermediate theoretical models based on the theory of planned behaviour. <i>Building Research and Information</i> , 1-20	4.3	1