

Farook R Hamzeh

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.

39
papers

402
citations

12
h-index

18
g-index

63
ext. papers

555
ext. citations

4.8
avg, IF

4.3
L-index

#	Paper	IF	Citations
39	Understanding Stakeholders' impact on design workflow dynamics using agent-based modeling. <i>Automation in Construction</i> , 2022 , 138, 104254	9.6	
38	A vision-based approach for automatic progress tracking of floor paneling in offsite construction facilities. <i>Automation in Construction</i> , 2021 , 125, 103620	9.6	8
37	The traveling salesman puts-on a hard hat □ Tower crane scheduling in construction projects. <i>European Journal of Operational Research</i> , 2021 , 292, 327-338	5.6	1
36	Qualitative assessment of interfacial bonding in 3D printing concrete exposed to frost attack. <i>Case Studies in Construction Materials</i> , 2020 , 13, e00357	2.7	7
35	A Modular Approach for Steel Reinforcing of 3D Printed Concrete □ Preliminary Study. <i>Sustainability</i> , 2020 , 12, 4062	3.6	4
34	Considerations for Filing Global Construction Claims: Legal Perspective. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2020 , 12, 05020003	1.7	2
33	Advanced Last Planner □ System (LPS) metrics for construction planning and control 2020 , 458-479		
32	Perspectives of Contractors and Insurance Companies on Construction Safety Practices: Case of a Middle Eastern Developing Country 2020 ,		1
31	Early Warning Dashboard for Advanced Construction Planning Metrics 2020 ,		1
30	Agent based modeling to optimize workflow of robotic steel and concrete 3D printers. <i>Automation in Construction</i> , 2020 , 110, 103040	9.6	13
29	A visual dashboard to monitor BIM model dynamics. <i>Canadian Journal of Civil Engineering</i> , 2020 , 47, 178-185		1
28	Advanced Metrics for Construction Planning. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019063	4.2	13
27	Developing new metrics to evaluate the performance of capacity planning towards sustainable construction. <i>Journal of Cleaner Production</i> , 2019 , 225, 868-882	10.3	5
26	3D Concrete Printing 2019 , 115-136		21
25	Understanding the planner's role in lookahead construction planning. <i>Production Planning and Control</i> , 2019 , 30, 271-284	4.3	10
24	Thixotropy and interfacial bond strengths of polymer-modified printed mortars. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019 , 52, 1	3.4	15
23	Integrated project delivery as an enabler for collaboration: a Middle East perspective. <i>Built Environment Project and Asset Management</i> , 2019 , 9, 334-347	1.9	11

22	Impact of Activity Sequencing on Reducing Variability. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019001	4.2	8
21	Understanding improvisation in construction through antecedents, behaviours and consequences. <i>Construction Management and Economics</i> , 2019 , 37, 61-71	3	1
20	Crane overlap and operational flexibility: balancing utilization, duration, and safety. <i>Construction Innovation</i> , 2018 , 18, 43-63	4.1	14
19	Simulating the dynamics of social agents and information flows in BIM-based design. <i>Automation in Construction</i> , 2018 , 92, 1-22	9.6	22
18	Investigating the Practice of Improvisation in Construction. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04018039	5.3	3
17	Near-Real-Time Optimization of Overlapping Tower Crane Operations: A Model and Case Study. <i>Journal of Computing in Civil Engineering</i> , 2017 , 31, 05017001	5	18
16	Modular concrete construction. <i>Engineering, Construction and Architectural Management</i> , 2017 , 24, 935-949	3.4	8
15	Application of hands-on simulation games to improve classroom experience. <i>European Journal of Engineering Education</i> , 2017 , 42, 471-481	1.5	13
14	Using Forums and Simulation Exercises to Enhance Active Learning in Lean Construction Education 2016 , 139-159		
13	Exploring associations between resilience and construction safety performance in safety networks. <i>Safety Science</i> , 2016 , 82, 338-351	5.8	41
12	Removing Constraints to Make Tasks Ready in Weekly Work Planning. <i>Procedia Engineering</i> , 2016 , 164, 68-74		3
11	Analyzing Design Workflow: An Agent-based Modeling Approach. <i>Procedia Engineering</i> , 2016 , 164, 510-517		5
10	Lean Principles for the Management of Construction Submittals and RFIs. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016 , 142, 05016004	0.7	2
9	Using social network theory and simulation to compare traditional versus BIM/lean practice for design error management. <i>Automation in Construction</i> , 2015 , 52, 59-69	9.6	63
8	How can tasks made ready during lookahead planning impact reliable workflow and project duration?. <i>Construction Management and Economics</i> , 2015 , 33, 243-258	3	26
7	Understanding the role of tasks anticipated in lookahead planning through simulation. <i>Automation in Construction</i> , 2015 , 49, 18-26	9.6	27
6	Introducing New Capacity Planning Metrics in Production Planning		2
5	Last Planner System - The Need for New Metrics		5

4	3d Concrete Printing in the Service of Lean Construction.	2
3	A New Perspective of Construction Logistics and Production Control: An Exploratory Study	6
2	Analysis of Visual Management Practices for Construction Safety	5
1	A Framework for Understanding the Dynamic Nature of Value in Design and Construction	2