

Farook R Hamzeh

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.

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	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
38	Exploring associations between resilience and construction safety performance in safety networks. <i>Safety Science</i> , 2016 , 82, 338-351	5.8	41
37	Understanding the role of risks anticipated in lookahead planning through simulation. <i>Automation in Construction</i> , 2015 , 49, 18-26	9.6	27
36	How can risks made ready during lookahead planning impact reliable workflow and project duration?. <i>Construction Management and Economics</i> , 2015 , 33, 243-258	3	26
35	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
34	3D Concrete Printing 2019 , 115-136		21
33	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
32	Thixotropy and interfacial bond strengths of polymer-modified printed mortars. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019 , 52, 1	3.4	15
31	Crane overlap and operational flexibility: balancing utilization, duration, and safety. <i>Construction Innovation</i> , 2018 , 18, 43-63	4.1	14
30	Advanced Metrics for Construction Planning. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019063	4.2	13
29	Application of hands-on simulation games to improve classroom experience. <i>European Journal of Engineering Education</i> , 2017 , 42, 471-481	1.5	13
28	Agent based modeling to optimize workflow of robotic steel and concrete 3D printers. <i>Automation in Construction</i> , 2020 , 110, 103040	9.6	13
27	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
26	Understanding the planner's role in lookahead construction planning. <i>Production Planning and Control</i> , 2019 , 30, 271-284	4.3	10
25	Modular concrete construction. <i>Engineering, Construction and Architectural Management</i> , 2017 , 24, 935-949	3.4	8
24	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
23	Impact of Activity Sequencing on Reducing Variability. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019001	4.2	8

22	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
21	A New Perspective of Construction Logistics and Production Control: An Exploratory Study		6
20	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
19	Last Planner System [The Need for New Metrics		5
18	Analysis of Visual Management Practices for Construction Safety		5
17	Analyzing Design Workflow: An Agent-based Modeling Approach. <i>Procedia Engineering</i> , 2016 , 164, 510-517		5
16	A Modular Approach for Steel Reinforcing of 3D Printed Concrete Preliminary Study. <i>Sustainability</i> , 2020 , 12, 4062	3.6	4
15	Investigating the Practice of Improvisation in Construction. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04018039	5.3	3
14	Removing Constraints to Make Tasks Ready in Weekly Work Planning. <i>Procedia Engineering</i> , 2016 , 164, 68-74		3
13	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
12	Introducing New Capacity Planning Metrics in Production Planning		2
11	3d Concrete Printing in the Service of Lean Construction.		2
10	A Framework for Understanding the Dynamic Nature of Value in Design and Construction		2
9	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
8	Perspectives of Contractors and Insurance Companies on Construction Safety Practices: Case of a Middle Eastern Developing Country 2020 ,		1
7	Early Warning Dashboard for Advanced Construction Planning Metrics 2020 ,		1
6	Understanding improvisation in construction through antecedents, behaviours and consequences. <i>Construction Management and Economics</i> , 2019 , 37, 61-71	3	1
5	A visual dashboard to monitor BIM model dynamics. <i>Canadian Journal of Civil Engineering</i> , 2020 , 47, 178-185		1

- 4 The traveling salesman puts-on a hard hat Tower crane scheduling in construction projects.
European Journal of Operational Research, **2021**, 292, 327-338 5.6 1
- 3 Using Forums and Simulation Exercises to Enhance Active Learning in Lean Construction Education
2016, 139-159
- 2 Advanced Last Planner System (LPS) metrics for construction planning and control **2020**, 458-479
- 1 Understanding Stakeholders' impact on design workflow dynamics using agent-based modeling.
Automation in Construction, **2022**, 138, 104254 9.6