

# Amin Alvanchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5983585/publications.pdf>

Version: 2024-02-01

12  
papers

253  
citations

1040018

9  
h-index

1199563

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	BIM and machine learning in seismic damage prediction for non-structural exterior infill walls. Automation in Construction, 2022, 139, 104288.	9.8	9
2	Improving materials logistics plan in road construction projects using discrete event simulation. Engineering, Construction and Architectural Management, 2021, 28, 3144-3163.	3.1	7
3	A hybrid BIM and BN-based model to improve the resiliency of hospitals' utility systems in disasters. International Journal of Disaster Risk Reduction, 2021, 57, 102176.	3.9	11
4	A critical study of the existing issues in manufacturing maintenance systems: Can BIM fill the gap?. Computers in Industry, 2021, 131, 103484.	9.9	16
5	A novel public-private-people partnership framework in regeneration of old urban neighborhoods in Iran. Land Use Policy, 2021, 109, 105728.	5.6	2
6	Construction schedule, an influential factor on air pollution in urban infrastructure projects. Journal of Cleaner Production, 2020, 255, 120222.	9.3	22
7	Air pollution concentration near sensitive urban locations: A missing factor to consider in the grade separation projects. Journal of Cleaner Production, 2019, 228, 824-832.	9.3	11
8	A simulation-based framework for concurrent safety and productivity improvement in construction projects. Engineering, Construction and Architectural Management, 2018, 25, 1501-1515.	3.1	12
9	Dynamics of Working Hours in Construction. Journal of Construction Engineering and Management - ASCE, 2012, 138, 66-77.	3.8	45
10	Dynamics of workforce skill evolution in construction projects <sup>1</sup> This paper is one of a selection of papers in this Special Issue on Construction Engineering and Management.. Canadian Journal of Civil Engineering, 2012, 39, 1005-1017.	1.3	19
11	Off-Site Construction Planning Using Discrete Event Simulation. Journal of Architectural Engineering, 2012, 18, 114-122.	1.6	47
12	A framework for an automated and integrated project monitoring and control system for steel fabrication projects. Automation in Construction, 2011, 20, 88-97.	9.8	52