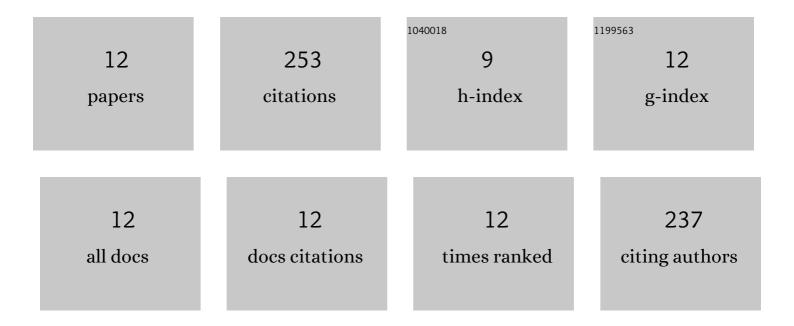
## Amin Alvanchi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5983585/publications.pdf Version: 2024-02-01



| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | BIM and machine learning in seismic damage prediction for non-structural exterior infill walls.<br>Automation in Construction, 2022, 139, 104288.   | 9.8 | 9         |
| 2  | Improving materials logistics plan in road construction projects using discrete event simulation.<br>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.<br>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?.<br>Computers in Industry, 2021, 131, 103484.   | 9.9 | 16        |
| 5  | A novel public-private-people partnership framework in regeneration of old urban neighborhoods in<br>Iran. Land Use Policy, 2021, 109, 105728.  | 5.6 | 2         |
| 6  | Construction schedule, an influential factor on air pollution in urban infrastructure projects.<br>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        |