

# Omar El-Anwar

## 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.

16  
papers

263  
citations

10  
h-index

16  
g-index

19  
ext. papers

304  
ext. citations

4.7  
avg, IF

3.41  
L-index

#	Paper	IF	Citations
16	An automated system for optimizing post-disaster temporary housing allocation. <i>Automation in Construction</i> , <b>2009</b> , 18, 983-993	9.6	36
15	Maximizing the Sustainability of Integrated Housing Recovery Efforts. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2010</b> , 136, 794-802	4.2	34
14	Optimizing Large-Scale Temporary Housing Arrangements after Natural Disasters. <i>Journal of Computing in Civil Engineering</i> , <b>2009</b> , 23, 110-118	5	33
13	Multi-Objective Optimization of Temporary Housing for the 1994 Northridge Earthquake. <i>Journal of Earthquake Engineering</i> , <b>2008</b> , 12, 81-91	1.8	27
12	Efficient Optimization of Post-Disaster Reconstruction of Transportation Networks. <i>Journal of Computing in Civil Engineering</i> , <b>2016</b> , 30, 04015047	5	18
11	Computing a Displacement Distance Equivalent to Optimize Plans for Postdisaster Temporary Housing Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2013</b> , 139, 174-184	4.2	18
10	Maximizing Temporary Housing Safety after Natural Disasters. <i>Journal of Infrastructure Systems</i> , <b>2010</b> , 16, 138-148	2.9	18
9	Minimization of socioeconomic disruption for displaced populations following disasters. <i>Disasters</i> , <b>2010</b> , 34, 865-83	2.8	17
8	Socioeconomic impact assessment of highly dense-urban construction projects. <i>Automation in Construction</i> , <b>2018</b> , 92, 230-241	9.6	14
7	Maximizing the Computational Efficiency of Temporary Housing Decision Support Following Disasters. <i>Journal of Computing in Civil Engineering</i> , <b>2014</b> , 28, 113-123	5	12
6	Maximising the net social benefit of the construction of post-disaster alternative housing projects. <i>Disasters</i> , <b>2013</b> , 37, 489-515	2.8	10
5	Innovative Linear Formulation for Transportation Reconstruction Planning. <i>Journal of Computing in Civil Engineering</i> , <b>2016</b> , 30, 04015048	5	7
4	Integrated Urban-Construction Planning Framework for Slum Upgrading Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2014</b> , 140,	4.2	7
3	Automated Community-Based Housing Response: Offering Temporary Housing Solutions Tailored to Displaced Populations Needs. <i>Journal of Computing in Civil Engineering</i> , <b>2016</b> , 30, 04016019	5	6
2	Advancing Optimization of Hybrid Housing Development Plans Following Disasters: Achieving Computational Robustness, Effectiveness, and Efficiency. <i>Journal of Computing in Civil Engineering</i> , <b>2013</b> , 27, 358-369	5	5
1	Optimizing Alternative Housing Projects in the Aftermath of Natural Disasters <b>2010</b> ,		1