Omar El-Anwar

List of Publications by Year
in descending order

17 papers	334 citations	933264 10 h-index	996849 15 g-index
19 all docs	19 docs citations	19 times ranked	183 citing authors

#	Article	IF	Citations
1	An automated system for optimizing post-disaster temporary housing allocation. Automation in Construction, 2009, 18, 983-993.	4.8	42
2	Maximizing the Sustainability of Integrated Housing Recovery Efforts. Journal of Construction Engineering and Management - ASCE, 2010, 136, 794-802.	2.0	41
3	Optimizing Large-Scale Temporary Housing Arrangements after Natural Disasters. Journal of Computing in Civil Engineering, 2009, 23, 110-118.	2.5	39
4	Multi-Objective Optimization of Temporary Housing for the 1994 Northridge Earthquake. Journal of Earthquake Engineering, 2008, 12, 81-91.	1.4	32
5	Maximizing Temporary Housing Safety after Natural Disasters. Journal of Infrastructure Systems, 2010, 16, 138-148.	1.0	25
6	Minimization of socioeconomic disruption for displaced populations following disasters. Disasters, 2010, 34, 865-883.	1.1	24
7	Efficient Optimization of Post-Disaster Reconstruction of Transportation Networks. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	24
8	Socioeconomic impact assessment of highly dense-urban construction projects. Automation in Construction, 2018, 92, 230-241.	4.8	23
9	Computing a Displacement Distance Equivalent to Optimize Plans for Postdisaster Temporary Housing Projects. Journal of Construction Engineering and Management - ASCE, 2013, 139, 174-184.	2.0	22
10	Maximizing the Computational Efficiency of Temporary Housing Decision Support Following Disasters. Journal of Computing in Civil Engineering, 2014, 28, 113-123.	2.5	19
11	Maximising the net social benefit of the construction of postâ€disaster alternative housing projects. Disasters, 2013, 37, 489-515.	1.1	10
12	Innovative Linear Formulation for Transportation Reconstruction Planning. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	9
13	Automated Community-Based Housing Response: Offering Temporary Housing Solutions Tailored to Displaced Populations Needs. Journal of Computing in Civil Engineering, 2016, 30, .	2.5	8
14	Advancing Optimization of Hybrid Housing Development Plans Following Disasters: Achieving Computational Robustness, Effectiveness, and Efficiency. Journal of Computing in Civil Engineering, 2013, 27, 358-369.	2.5	5
15	Optimizing Alternative Housing Projects in the Aftermath of Natural Disasters. , 2010, , .		1
16	Preparing for a New Madrid Earthquake: Accelerating and Optimizing Temporary Housing Decisions for Shelby County, TN. , 2011, , .		0
17	Creating a Community-Based Housing Response Pool. , 2012, , .		0