

Omar H El-Anwar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

459
citations

759233

12
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization Research: Enhancing the Robustness of Large-Scale Multiobjective Optimization in Construction. Journal of Construction Engineering and Management - ASCE, 2010, 136, 17-25.	3.8	54
2	Civil Engineering Grand Challenges: Opportunities for Data Sensing, Information Analysis, and Knowledge Discovery. Journal of Computing in Civil Engineering, 2014, 28, .	4.7	51
3	An automated system for optimizing post-disaster temporary housing allocation. Automation in Construction, 2009, 18, 983-993.	9.8	42
4	Maximizing the Sustainability of Integrated Housing Recovery Efforts. Journal of Construction Engineering and Management - ASCE, 2010, 136, 794-802.	3.8	41
5	Optimizing Large-Scale Temporary Housing Arrangements after Natural Disasters. Journal of Computing in Civil Engineering, 2009, 23, 110-118.	4.7	39
6	Multi-Objective Optimization of Temporary Housing for the 1994 Northridge Earthquake. Journal of Earthquake Engineering, 2008, 12, 81-91.	2.5	32
7	Maximizing Temporary Housing Safety after Natural Disasters. Journal of Infrastructure Systems, 2010, 16, 138-148.	1.8	25
8	Minimization of socioeconomic disruption for displaced populations following disasters. Disasters, 2010, 34, 865-883.	2.2	24
9	Efficient Optimization of Post-Disaster Reconstruction of Transportation Networks. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	24
10	Socioeconomic impact assessment of highly dense-urban construction projects. Automation in Construction, 2018, 92, 230-241.	9.8	23
11	Computing a Displacement Distance Equivalent to Optimize Plans for Postdisaster Temporary Housing Projects. Journal of Construction Engineering and Management - ASCE, 2013, 139, 174-184.	3.8	22
12	Maximizing the Computational Efficiency of Temporary Housing Decision Support Following Disasters. Journal of Computing in Civil Engineering, 2014, 28, 113-123.	4.7	19
13	IPD in Practice: Sustaining Collaboration in Healthcare Design and Construction. , 2013, , .		12
14	Maximising the net social benefit of the construction of post-disaster alternative housing projects. Disasters, 2013, 37, 489-515.	2.2	10
15	Innovative Linear Formulation for Transportation Reconstruction Planning. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	9
16	Automated Community-Based Housing Response: Offering Temporary Housing Solutions Tailored to Displaced Populations Needs. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	8
17	An Automated System for Optimizing Temporary Housing Arrangements after Natural Disasters. , 2009, , .		5
18	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.	4.7	5

#	ARTICLE	IF	CITATIONS
19	Developing Optimal Hazard Investment Strategies. , 2010, , .		2
20	Optimizing Alternative Housing Projects in the Aftermath of Natural Disasters. , 2010, , .		1
21	Identifying the Optimal Execution Plan for Slum Infrastructure Upgrading Projects. , 2016, , .		1
22	Preparing for a New Madrid Earthquake: Accelerating and Optimizing Temporary Housing Decisions for Shelby County, TN. , 2011, , .		0
23	The Relationship between Delivery Processes and Transportation Projects' Performance. , 2012, , .		0
24	Creating a Community-Based Housing Response Pool. , 2012, , .		0
25	Quantifying the Impacts of Failures of Departments of Transportation Building Systems on Road System Users. Transportation Research Record, 2014, 2440, 85-93.	1.9	0