

Ahmed M Khalafallah

List of Publications by Year in Descending Order

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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.

19
papers

261
citations

8
h-index

16
g-index

22
ext. papers

292
ext. citations

4.3
avg, IF

3.37
L-index

#	Paper	IF	Citations
19	Port Construction Planning: Automated System for Projecting Expansion Needs. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2020 , 146, 04020040	1.7	
18	Change Orders: Automating Comparative Data Analysis and Controlling Impacts in Public Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019064	4.2	3
17	Bilevel Standards-Compliant Platform for Evaluating Building Contractor Safety. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019054	4.2	5
16	Change Order Disputes: Technical Causes and Negative Effects in Kuwait 2018 ,		3
15	Optimization Parameter Variation: Improving Biobjective Optimization of Temporary Facility Planning. <i>Journal of Computing in Civil Engineering</i> , 2018 , 32, 04018036	5	
14	Automating Highway Infrastructure Maintenance Using Unmanned Aerial Vehicles 2018 ,		4
13	Handling Risks of Quantity Variations in Unit-Price Contracts. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017 , 143, 04017079	4.2	13
12	Modeling Combinatorial Optimization Problems using Electimize. <i>Procedia Computer Science</i> , 2013 , 16, 449-458	1.6	1
11	Application of Electimize in Solving the Construction Site Layout Planning Optimization Problem 2012 ,		3
10	Using Electimize to Solve the Time-Cost-Tradeoff Problem in Construction Engineering 2011 ,		3
9	Introduction of a New Optimization Mechanism for Electimize 2011 ,		1
8	Automated multi-objective optimization system for airport site layouts. <i>Automation in Construction</i> , 2011 , 20, 313-320	9.6	30
7	Electimize: New Evolutionary Algorithm for Optimization with Application in Construction Engineering. <i>Journal of Computing in Civil Engineering</i> , 2011 , 25, 192-201	5	10
6	Framework For A Multi-Level Evolutionary Algorithm For Construction Optimization 2009 ,		2
5	Minimizing Construction-Related Security Risks during Airport Expansion Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2008 , 134, 40-48	4.2	29
4	Neural network based model for predicting housing market performance. <i>Tsinghua Science and Technology</i> , 2008 , 13, 325-328	3.4	24
3	Optimizing Airport Construction Site Layouts to Minimize Wildlife Hazards. <i>Journal of Management in Engineering - ASCE</i> , 2006 , 22, 176-185	5.3	15

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| 2 | Minimizing Construction-Related Hazards in Airport Expansion Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006 , 132, 562-572 | 4.2 | 20 |
| 1 | Trade-off between Safety and Cost in Planning Construction Site Layouts. <i>Journal of Construction Engineering and Management - ASCE</i> , 2005 , 131, 1186-1195 | 4.2 | 93 |