

# Ahmed M Khalafallah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6628806/publications.pdf>

Version: 2024-02-01

21  
papers

356  
citations

1162889

8  
h-index

1199470

12  
g-index

22  
all docs

22  
docs citations

22  
times ranked

244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trade-off between Safety and Cost in Planning Construction Site Layouts. Journal of Construction Engineering and Management - ASCE, 2005, 131, 1186-1195.	2.0	119
2	Automated multi-objective optimization system for airport site layouts. Automation in Construction, 2011, 20, 313-320.	4.8	42
3	Neural network based model for predicting housing market performance. Tsinghua Science and Technology, 2008, 13, 325-328.	4.1	41
4	Minimizing Construction-Related Security Risks during Airport Expansion Projects. Journal of Construction Engineering and Management - ASCE, 2008, 134, 40-48.	2.0	38
5	Minimizing Construction-Related Hazards in Airport Expansion Projects. Journal of Construction Engineering and Management - ASCE, 2006, 132, 562-572.	2.0	21
6	Optimizing Airport Construction Site Layouts to Minimize Wildlife Hazards. Journal of Management in Engineering - ASCE, 2006, 22, 176-185.	2.6	20
7	Handling Risks of Quantity Variations in Unit-Price Contracts. Journal of Construction Engineering and Management - ASCE, 2017, 143, 04017079.	2.0	18
8	Electimize: New Evolutionary Algorithm for Optimization with Application in Construction Engineering. Journal of Computing in Civil Engineering, 2011, 25, 192-201.	2.5	12
9	Change Orders: Automating Comparative Data Analysis and Controlling Impacts in Public Projects. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	9
10	Automating Highway Infrastructure Maintenance Using Unmanned Aerial Vehicles. , 2018, , .		7
11	Bilevel Standards-Compliant Platform for Evaluating Building Contractor Safety. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	7
12	Using Electimize to Solve the Time-Cost-Tradeoff Problem in Construction Engineering. , 2011, , .		5
13	Change Order Disputes: Technical Causes and Negative Effects in Kuwait. , 2018, , .		5
14	Application of Electimize in Solving the Construction Site Layout Planning Optimization Problem. , 2012, , .		4
15	Framework For A Multi-Level Evolutionary Algorithm For Construction Optimization. , 2009, , .		3
16	Introduction of a New Optimization Mechanism for Electimize. , 2011, , .		1
17	A Framework for Optimizing Detour Planning and Development around Construction Zones. , 2011, , .		1
18	Modeling Combinatorial Optimization Problems using Electimize. Procedia Computer Science, 2013, 16, 449-458.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Port Construction Planning: Automated System for Projecting Expansion Needs. Journal of Waterway, Port, Coastal and Ocean Engineering, 2020, 146, 04020040.	0.5	1
20	Housing and Construction Cost Escalation: Causes and Effects in Riyadh. , 2014, , .		0
21	Optimization Parameter Variation: Improving Biobjective Optimization of Temporary Facility Planning. Journal of Computing in Civil Engineering, 2018, 32, 04018036.	2.5	0