

# Rifat Sonmez

## 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.

23  
papers

800  
citations

14  
h-index

24  
g-index

24  
ext. papers

978  
ext. citations

4.4  
avg, IF

4.86  
L-index

#	Paper	IF	Citations
23	Safety risk assessment using analytic hierarchy process (AHP) during planning and budgeting of construction projects. <i>Journal of Safety Research</i> , <b>2013</b> , 46, 99-105	4	199
22	Construction Labor Productivity Modeling with Neural Networks. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>1998</b> , 124, 498-504	4.2	104
21	Conceptual cost estimation of building projects with regression analysis and neural networks. <i>Canadian Journal of Civil Engineering</i> , <b>2004</b> , 31, 677-683	1.3	69
20	A hybrid genetic algorithm for the discrete time-cost trade-off problem. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 11428-11434	7.8	66
19	Discrete particle swarm optimization method for the large-scale discrete time-cost trade-off problem. <i>Expert Systems With Applications</i> , <b>2016</b> , 51, 177-185	7.8	51
18	A smart contract system for security of payment of construction contracts. <i>Automation in Construction</i> , <b>2020</b> , 120, 103401	9.6	48
17	Parametric Range Estimating of Building Costs Using Regression Models and Bootstrap. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2008</b> , 134, 1011-1016	4.2	46
16	Range estimation of construction costs using neural networks with bootstrap prediction intervals. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 9913-9917	7.8	40
15	Quantitative Methodology for Determination of Cost Contingency in International Projects. <i>Journal of Management in Engineering - ASCE</i> , <b>2007</b> , 23, 35-39	5.3	37
14	Hybrid Genetic Algorithm with Simulated Annealing for Resource-Constrained Project Scheduling. <i>Journal of Management in Engineering - ASCE</i> , <b>2015</b> , 31, 04014082	5.3	30
13	PREDESIGN COST ESTIMATION OF URBAN RAILWAY PROJECTS WITH PARAMETRIC MODELING. <i>Journal of Civil Engineering and Management</i> , <b>2009</b> , 15, 405-409	3	26
12	Backward-Forward Hybrid Genetic Algorithm for Resource-Constrained Multiproject Scheduling Problem. <i>Journal of Computing in Civil Engineering</i> , <b>2015</b> , 29, 04014072	5	20
11	A support vector machine method for bid/no bid decision making. <i>Journal of Civil Engineering and Management</i> , <b>2017</b> , 23, 641-649	3	16
10	Pareto Front Particle Swarm Optimizer for Discrete Time-Cost Trade-Off Problem. <i>Journal of Computing in Civil Engineering</i> , <b>2017</b> , 31, 04016040	5	14
9	Hybrid Optimization Method for Large-Scale Multimode Resource-Constrained Project Scheduling Problem. <i>Journal of Management in Engineering - ASCE</i> , <b>2016</b> , 32, 04016020	5.3	9
8	Critical Sequence Crashing Heuristic for Resource-Constrained Discrete Time-Cost Trade-Off Problem. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2016</b> , 142, 04015090	4.2	8
7	Impact of occasional overtime on construction labor productivity: quantitative analysis. <i>Canadian Journal of Civil Engineering</i> , <b>2007</b> , 34, 803-808	1.3	5

6	Activity Uncrashing Heuristic with Noncritical Activity Rescheduling Method for the Discrete Time-Cost Trade-Off Problem. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2020</b> , 146, 04020084	4.2	5
5	Geographic information systemBased visualization system for planning and monitoring of repetitive construction projects. <i>Canadian Journal of Civil Engineering</i> , <b>2008</b> , 35, 1342-1346	1.3	4
4	Blockchain in project management: a systematic review of use cases and a design decision framework. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1	3.7	2
3	BIM integrated smart contract for construction project progress payment administration. <i>Automation in Construction</i> , <b>2022</b> , 139, 104294	9.6	1
2	A graphical processing unit-based parallel hybrid genetic algorithm for resource-constrained multi-project scheduling problem. <i>Concurrency Computation Practice and Experience</i> , <b>2021</b> , 33, e6266	1.4	0
1	Discussion of Artificial Intelligence and Parametric Construction Cost Estimate Modeling: State-of-the-Art ReviewBy Haytham H. Elmousalami. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2021</b> , 147, 07021001	4.2	