

# Carlos Contreras-Bolton

## List of Publications by Year in descending order

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16  
papers

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1307594

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1125743

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17  
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docs citations

17  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	A matheuristic algorithm for the pollution and energy minimization traveling salesman problems. International Transactions in Operational Research, 2023, 30, 655-687.	2.7	4
2	An effective two-level solution approach for the prize-collecting generalized minimum spanning tree problem by iterated local search. International Transactions in Operational Research, 2021, 28, 1190-1212.	2.7	4
3	Automatic design of specialized algorithms for the binary knapsack problem. Expert Systems With Applications, 2020, 141, 112908.	7.6	10
4	Models and algorithms for the Traveling Salesman Problem with Time-dependent Service times. European Journal of Operational Research, 2020, 283, 825-843.	5.7	18
5	Novel Algorithms Automatically Generated for Optimization Problems. , 2019, , .		2
6	An Iterated Local Search Algorithm for the Pollution Traveling Salesman Problem. AIRO Springer Series, 2018, , 83-91.	0.6	4
7	A Biased-Randomized Heuristic for the Waste Collection Problem in Smart Cities. Advances in Intelligent Systems and Computing, 2018, , 255-263.	0.6	4
8	Supporting multi-depot and stochastic waste collection management in clustered urban areas via simulation-based optimization. Journal of Simulation, 2017, 11, 11-19.	1.5	56
9	Una aplicaci3n web, para asignaci3n y ruteo de veh3culos en caso de desastres. ITECKNE Innovaci3n E Investigaci3n En Ingenier3a, 2017, 14, 62.	0.0	1
10	Automatically Produced Algorithms for the Generalized Minimum Spanning Tree Problem. Scientific Programming, 2016, 2016, 1-11.	0.7	6
11	A multi-operator genetic algorithm for the generalized minimum spanning tree problem. Expert Systems With Applications, 2016, 50, 1-8.	7.6	24
12	Automatic design of algorithms for optimization problems. , 2015, , .		4
13	Automatic Combination of Operators in a Genetic Algorithm to Solve the Traveling Salesman Problem. PLoS ONE, 2015, 10, e0137724.	2.5	36
14	Un algoritmo gen3tico eficiente para el strip-packing problem. Ingenieria Y Universidad, 2015, 20, .	0.5	0
15	Automatically Generated Algorithms for the Vertex Coloring Problem. PLoS ONE, 2013, 8, e58551.	2.5	7
16	Evolutionary Optimization of Electric Power Distribution Using the Dandelion Code. Journal of Electrical and Computer Engineering, 2012, 2012, 1-5.	0.9	48