

Carlos Contreras-Bolton

List of Publications by Year in descending order

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16
papers

228
citations

1307594

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1125743

13
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17
all docs

17
docs citations

17
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Supporting multi-depot and stochastic waste collection management in clustered urban areas via simulationâ€“optimization. Journal of Simulation, 2017, 11, 11-19.	1.5	56
2	Evolutionary Optimization of Electric Power Distribution Using the Dandelion Code. Journal of Electrical and Computer Engineering, 2012, 2012, 1-5.	0.9	48
3	Automatic Combination of Operators in a Genetic Algorithm to Solve the Traveling Salesman Problem. PLoS ONE, 2015, 10, e0137724.	2.5	36
4	A multi-operator genetic algorithm for the generalized minimum spanning tree problem. Expert Systems With Applications, 2016, 50, 1-8.	7.6	24
5	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
6	Automatic design of specialized algorithms for the binary knapsack problem. Expert Systems With Applications, 2020, 141, 112908.	7.6	10
7	Automatically Generated Algorithms for the Vertex Coloring Problem. PLoS ONE, 2013, 8, e58551.	2.5	7
8	Automatically Produced Algorithms for the Generalized Minimum Spanning Tree Problem. Scientific Programming, 2016, 2016, 1-11.	0.7	6
9	Automatic design of algorithms for optimization problems. , 2015, , .		4
10	An Iterated Local Search Algorithm for the Pollution Traveling Salesman Problem. AIRO Springer Series, 2018, , 83-91.	0.6	4
11	An effective twoâ€“level solution approach for the prizeâ€“collecting generalized minimum spanning tree problem by iterated local search. International Transactions in Operational Research, 2021, 28, 1190-1212.	2.7	4
12	A matheuristic algorithm for the pollution and energy minimization traveling salesman problems. International Transactions in Operational Research, 2023, 30, 655-687.	2.7	4
13	A Biased-Randomized Heuristic for the Waste Collection Problem in Smart Cities. Advances in Intelligent Systems and Computing, 2018, , 255-263.	0.6	4
14	Novel Algorithms Automatically Generated for Optimization Problems. , 2019, , .		2
15	Una aplicaciÃ³n web, para asignaciÃ³n y ruteo de vehÃculos en caso de desastres. ITECKNE InnovaciÃ³n E InvestigaciÃ³n En IngenierÃa, 2017, 14, 62.	0.0	1
16	Un algoritmo genÃ©tico eficiente para el strip-packing problem. Ingenieria Y Universidad, 2015, 20, .	0.5	0