Luiz Antonio Nogueira Lorena

List of Publications by Year
in descending order

44
papers	965
citations	394421
19
h-index	477307
29
g-index
46
all docs	46
docs citations	46
times ranked	708
citing authors

#	Article	IF	Citations
1	A hybrid heuristic for overlapping community detection through the conductance minimization. Physica A: Statistical Mechanics and Its Applications, 2022, 592, 126887.	2.6	2
2	Hybrid metaheuristics to solve a multiproduct twoâ€stage capacitated facility location problem. International Transactions in Operational Research, 2021, 28, 3069-3093.	2.7	6
3	A hybrid heuristic for the overlapping cluster editingÂproblem. Applied Soft Computing Journal, 2019, 81, 105482.	7.2	10
4	A biased random-key genetic algorithm for the two-stage capacitated facility location problem. Expert Systems With Applications, 2019, 115, 418-426.	7.6	30
5	Adaptive biased random-key genetic algorithm with local search for the capacitated centered clustering problem. Computers and Industrial Engineering, 2018, 124, 331-346.	6.3	29
6	A comparison of two hybrid methods for constrained clustering problems. Applied Soft Computing Journal, 2017, 54, 256-266.	7.2	16
7	A Constructive Genetic Algorithm for Discrete Dispersion on Point Feature Cartographic Label Placement Problems. Geographical Analysis, 2016, 48, 43-58.	3.5	10
8	An adaptive large neighborhood search for the discrete and continuous Berth allocation problem. Computers and Operations Research, 2016, 70, 140-154.	4.0	72
9	Berth allocation in an ore terminal with demurrage, despatch and maintenance. Computers and Industrial Engineering, 2016, 96, 8-15.	6.3	25
10	Clustering Search Applied to Rank Aggregation. , 2014, , .		2
11	Hybrid heuristics based on column generation with path-relinking for clustering problems. Expert Systems With Applications, 2014, 41, 5277-5284.	7.6	6
12	An evolutionary clustering search for the no-wait flow shop problem with sequence dependent setup times. Expert Systems With Applications, 2014, 41, 3628-3633.	7.6	38
13	A Clustering Search metaheuristic for the Point-Feature Cartographic Label Placement Problem. European Journal of Operational Research, 2014, 234, 802-808.	5.7	25
14	Dispersion for the point-feature cartographic label placement problem. Expert Systems With Applications, 2013, 40, 5878-5883.	7.6	11
15	New models for the Mirrored Traveling Tournament Problem. Computers and Industrial Engineering, 2012, 63, 1089-1095.	6.3	8
16	Improving a Lagrangian decomposition for the unconstrained binary quadratic programming problem. Computers and Operations Research, 2012, 39, 1577-1581.	4.0	10
17	A new evolutionary clustering search for a no-wait flow shop problem with set-up times. Engineering Applications of Artificial Intelligence, 2012, 25, 1114-1120.	8.1	50
18	A column generation approach for the unconstrained binary quadratic programming problem. European Journal of Operational Research, 2012, 217, 69-74.	5.7	7

#	Article	IF	Citations
19	Clustering Search for the Berth Allocation Problem. Expert Systems With Applications, 2012, 39, 5499-5505.	7.6	69
20	Lagrangean decompositions for the unconstrained binary quadratic programming problem. International Transactions in Operational Research, 2011, 18, 257-270.	2.7	9
21	Hybrid evolutionary algorithm for the Capacitated Centered Clustering Problem. Expert Systems With Applications, 2011, 38, 5013-5018.	7.6	20
22	A simple and robust Simulated Annealing algorithm for scheduling workover rigs on onshore oil fields. Computers and Industrial Engineering, 2011, 60, 519-526.	6.3	30
23	Strong formulation for the spot 5 daily photograph scheduling problem. Journal of Combinatorial Optimization, 2010, 20, 385-398.	1.3	11
24	Clustering search algorithm for the capacitated centered clustering problem. Computers and Operations Research, 2010, 37, 552-558.	4.0	46
25	A Decomposition Heuristic for the Maximal Covering Location Problem. Advances in Operations Research, 2010, 2010, 1-12.	0.4	8
26	Advances in Clustering Search. Advances in Intelligent and Soft Computing, 2010, , 227-235.	0.2	4
27	A decomposition approach for the probabilistic maximal covering location-allocation problem. Computers and Operations Research, 2009, 36, 2729-2739.	4.0	25
28	Hybrid Metaheuristic for the Assembly Line Worker Assignment and Balancing Problem. Lecture Notes in Computer Science, 2009, , 1-14.	1.3	32
29	Column generation approach for the point-feature cartographic label placement problem. Journal of Combinatorial Optimization, 2008, 15, 147-164.	1.3	8
30	Lagrangean relaxation with clusters for point-feature cartographic label placement problems. Computers and Operations Research, 2008, 35, 2129-2140.	4.0	30
31	A Constructive Genetic Algorithm for permutation flowshop scheduling. Computers and Industrial Engineering, 2008, 55, 195-207.	6.3	47
32	Hybrid Metaheuristic for the Prize Collecting Travelling Salesman Problem. Lecture Notes in Computer Science, 2008, , 123-134.	1.3	8
33	Lagrangean relaxation with clusters and column generation for the manufacturer's pallet loading problem. Computers and Operations Research, 2007, 34, 2695-2708.	4.0	18
34	Evolutionary Clustering Search for Flowtime Minimization in Permutation Flow Shop. , 2007, , 69-81.		12
35	Hybrid Evolutionary Algorithm for Flowtime Minimisation in No-Wait Flowshop Scheduling. , 2007, , 1099-1109.		10
36	Clustering Search Approach for the Traveling Tournament Problem. , 2007, , 83-93.		7

#	Article	IF	Citations
37	Heuristics for cartographic label placement problems. Computers and Geosciences, 2006, 32, 739-748.	4.2	13
38	Mirrored Traveling Tournament Problem: An Evolutionary Approach. Lecture Notes in Computer Science, 2006, , 208-217.	1.3	3
39	Pattern Sequencing Problems by Clustering Search. Lecture Notes in Computer Science, 2006, , 218-227.	1.3	5
40	Population Training Heuristics. Lecture Notes in Computer Science, 2005, , 166-176.	1.3	6
41	Detecting Promising Areas by Evolutionary Clustering Search. Lecture Notes in Computer Science, 2004, , 385-394.	1.3	15
42	Tabu Search Heuristic for Point-Feature Cartographic Label Placement. GeoInformatica, 2002, 6, 77-90.	2.7	46
43	2-Opt Population Training for Minimization of Open Stack Problem. Lecture Notes in Computer Science, 2002, , 313-323.	1.3	6
44	Constructive Genetic Algorithm for Clustering Problems. Evolutionary Computation, 2001, 9, 309-327.	3.0	75