Andrea Raiconi

List of Publications by Year
in descending order

25 papers	384 citations	840776 11 h-index	794594 19 g-index
26 all docs	26 docs citations	26 times ranked	254 citing authors

#	Article	IF	Citations
1	A hybrid metaheuristic for the Knapsack Problem with Forfeits. Soft Computing, 2022, 26, 749-762.	3.6	5
2	Optimization of sensor battery charging to maximize lifetime in a wireless sensors network. Optimization Letters, 2021, 15, 1587-1600.	1.6	3
3	Minimum spanning tree with conflicting edge pairs: a branch-and-cut approach. Annals of Operations Research, 2021, 298, 65-78.	4.1	16
4	A reduction heuristic for the all-colors shortest path problem. RAIRO - Operations Research, 2021, 55, S2071-S2082.	1.8	4
5	The Knapsack Problem with Forfeits. Lecture Notes in Computer Science, 2020, , 263-272.	1.3	2
6	Heuristics for the strong generalized minimum label spanning tree problem. Networks, 2019, 74, 148-160.	2.7	14
7	Maximizing Lifetime for a Zone Monitoring Problem Through Reduction to Target Coverage. AIRO Springer Series, 2018, , 111-119.	0.6	1
8	A two-level metaheuristic for the all colors shortest path problem. Computational Optimization and Applications, 2018, 71, 525-551.	1.6	7
9	Tactical Production and Lot Size Planning with Lifetime Constraints: A Comparison of Model Formulations. Asia-Pacific Journal of Operational Research, 2017, 34, 1750019.	1.3	4
10	An exact algorithm to extend lifetime through roles allocation in sensor networks with connectivity constraints. Optimization Letters, 2017, 11, 1341-1356.	1.6	13
11	Exact and heuristic approaches for the maximum lifetime problem in sensor networks with coverage and connectivity constraints. RAIRO - Operations Research, 2017, 51, 607-625.	1.8	11
12	Prolonging Lifetime in Wireless Sensor Networks with Interference Constraints. Lecture Notes in Computer Science, 2017, , 285-297.	1.3	10
13	Column Generation Embedding Carousel Greedy for the Maximum Network Lifetime Problem with Interference Constraints. Springer Proceedings in Mathematics and Statistics, 2017, , 151-159.	0.2	8
14	Extending Lifetime Through Partial Coverage And Roles Allocation in Connectivity-Constrained Sensor Networks. IFAC-PapersOnLine, 2016, 49, 973-978.	0.9	14
15	A hybrid exact approach for maximizing lifetime in sensor networks with complete and partial coverage constraints. Journal of Network and Computer Applications, 2015, 58, 12-22.	9.1	37
16	Maximizing lifetime in wireless sensor networks with multiple sensor families. Computers and Operations Research, 2015, 60, 121-137.	4.0	30
17	The k-labeled Spanning Forest Problem. Procedia, Social and Behavioral Sciences, 2014, 108, 153-163.	0.5	7
18	Relations, models and a memetic approach for three degree-dependent spanning tree problems. European Journal of Operational Research, 2014, 232, 442-453.	5.7	26

#	Article	IF	Citations
19	Maximizing lifetime and handling reliability in wireless sensor networks. Networks, 2014, 64, 321-338.	2.7	22
20	Î±-Coverage to extend network lifetime on wireless sensor networks. Optimization Letters, 2013, 7, 157-172.	1.6	34
21	Comparison of heuristics for the colourful travelling salesman problem. International Journal of Metaheuristics, 2013, 2, 141.	0.1	9
22	Maximum Flow Problems and an NP-Complete Variant on Edge-Labeled Graphs. , 2013, , 1913-1948.		10
23	Exact and heuristic methods to maximize network lifetime in wireless sensor networks with adjustable sensing ranges. European Journal of Operational Research, 2012, 220, 58-66.	5.7	72
24	Exact and Metaheuristic Approaches to Extend Lifetime and Maintain Connectivity in Wireless Sensors Networks. Lecture Notes in Computer Science, 2011, , 607-619.	1.3	11
25	Heuristic approaches for the Minimum Labelling Hamiltonian Cycle Problem. Electronic Notes in Discrete Mathematics, 2006, 25, 131-138.	0.4	14