Andrea Raiconi

List of Publications by Year
in descending order

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25 papers	384 citations	840585 11 h-index	794469 19 g-index
26 all docs	26 docs citations	26 times ranked	254 citing authors

#	Article	IF	Citations
1	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.	3.5	72
2	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.	5.8	37
3	Î±-Coverage to extend network lifetime on wireless sensor networks. Optimization Letters, 2013, 7, 157-172.	0.9	34
4	Maximizing lifetime in wireless sensor networks with multiple sensor families. Computers and Operations Research, 2015, 60, 121-137.	2.4	30
5	Relations, models and a memetic approach for three degree-dependent spanning tree problems. European Journal of Operational Research, 2014, 232, 442-453.	3.5	26
6	Maximizing lifetime and handling reliability in wireless sensor networks. Networks, 2014, 64, 321-338.	1.6	22
7	Minimum spanning tree with conflicting edge pairs: a branch-and-cut approach. Annals of Operations Research, 2021, 298, 65-78.	2.6	16
8	Heuristic approaches for the Minimum Labelling Hamiltonian Cycle Problem. Electronic Notes in Discrete Mathematics, 2006, 25, 131-138.	0.4	14
9	Extending Lifetime Through Partial Coverage And Roles Allocation in Connectivity-Constrained Sensor Networks. IFAC-PapersOnLine, 2016, 49, 973-978.	0.5	14
10	Heuristics for the strong generalized minimum label spanning tree problem. Networks, 2019, 74, 148-160.	1.6	14
11	An exact algorithm to extend lifetime through roles allocation in sensor networks with connectivity constraints. Optimization Letters, 2017, 11, 1341-1356.	0.9	13
12	Exact and heuristic approaches for the maximum lifetime problem in sensor networks with coverage and connectivity constraints. RAIRO - Operations Research, 2017, 51, 607-625.	1.0	11
13	Exact and Metaheuristic Approaches to Extend Lifetime and Maintain Connectivity in Wireless Sensors Networks. Lecture Notes in Computer Science, 2011, , 607-619.	1.0	11
14	Maximum Flow Problems and an NP-Complete Variant on Edge-Labeled Graphs. , 2013, , 1913-1948.		10
15	Prolonging Lifetime in Wireless Sensor Networks with Interference Constraints. Lecture Notes in Computer Science, 2017, , 285-297.	1.0	10
16	Comparison of heuristics for the colourful travelling salesman problem. International Journal of Metaheuristics, 2013, 2, 141.	0.1	9
17	Column Generation Embedding Carousel Greedy for the Maximum Network Lifetime Problem with Interference Constraints. Springer Proceedings in Mathematics and Statistics, 2017, , 151-159.	0.1	8
18	The k-labeled Spanning Forest Problem. Procedia, Social and Behavioral Sciences, 2014, 108, 153-163.	0.5	7

#	Article	IF	Citations
19	A two-level metaheuristic for the all colors shortest path problem. Computational Optimization and Applications, 2018, 71, 525-551.	0.9	7
20	A hybrid metaheuristic for the Knapsack Problem with Forfeits. Soft Computing, 2022, 26, 749-762.	2.1	5
21	Tactical Production and Lot Size Planning with Lifetime Constraints: A Comparison of Model Formulations. Asia-Pacific Journal of Operational Research, 2017, 34, 1750019.	0.9	4
22	A reduction heuristic for the all-colors shortest path problem. RAIRO - Operations Research, 2021, 55, S2071-S2082.	1.0	4
23	Optimization of sensor battery charging to maximize lifetime in a wireless sensors network. Optimization Letters, 2021, 15, 1587-1600.	0.9	3
24	The Knapsack Problem with Forfeits. Lecture Notes in Computer Science, 2020, , 263-272.	1.0	2
25	Maximizing Lifetime for a Zone Monitoring Problem Through Reduction to Target Coverage. AIRO Springer Series, 2018, , 111-119.	0.4	1