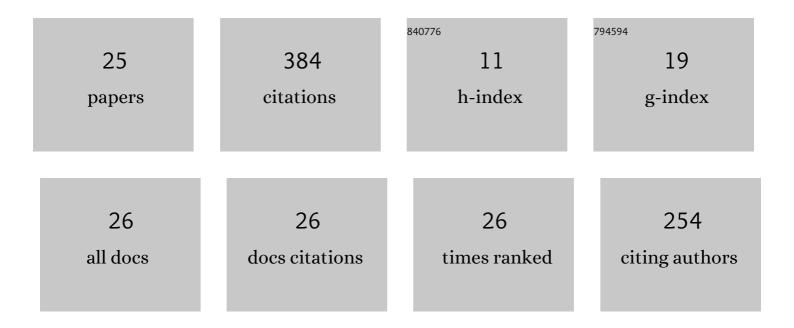
## Andrea Raiconi

List of Publications by Year in descending order

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ANDREA RAICONI

| #  | 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.<br>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<br>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<br>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<br>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.<br>European Journal of Operational Research, 2014, 232, 442-453.                                | 5.7 | 26        |

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Maximizing lifetime and handling reliability in wireless sensor networks. Networks, 2014, 64, 321-338.   | 2.7 | 22        |
| 20 | α-Coverage to extend network lifetime on wireless sensor networks. Optimization Letters, 2013, 7,<br>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<br>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<br>Discrete Mathematics, 2006, 25, 131-138.  | 0.4 | 14        |