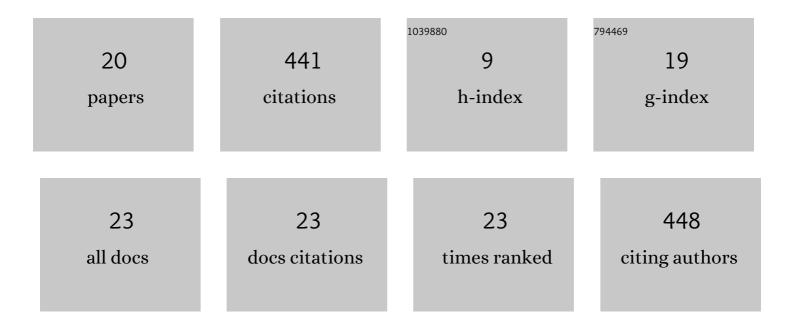
Rafael Martinelli

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A new exact algorithm for the multi-depot vehicle routing problem under capacity and route length constraints. Discrete Optimization, 2014, 12, 129-146. | 0.6 | 144 |
| 2 | Efficient elementary and restricted non-elementary route pricing. European Journal of Operational Research, 2014, 239, 102-111. | 3.5 | 46 |
| 3 | Optimization in inventory-routing problem with planned transshipment: A case study in the retail industry. International Journal of Production Economics, 2017, 193, 748-756. | 5.1 | 43 |
| 4 | The vehicle routing problem with service level constraints. European Journal of Operational Research, 2018, 265, 544-558. | 3.5 | 43 |
| 5 | Large neighborhood-based metaheuristic and branch-and-price for the pickup and delivery problem with split loads. European Journal of Operational Research, 2018, 270, 1014-1027. | 3.5 | 38 |
| 6 | Improved bounds for large scale capacitated arc routing problem. Computers and Operations Research, 2013, 40, 2145-2160. | 2.4 | 34 |
| 7 | Industrial and tramp ship routing problems: Closing the gap for real-scale instances. European Journal of Operational Research, 2020, 283, 972-990. | 3.5 | 17 |
| 8 | Matheuristics for a parallel machine scheduling problem with non-anticipatory family setup times: Application in the offshore oil and gas industry. Computers and Operations Research, 2021, 128, 105162. | 2.4 | 12 |
| 9 | Arc Routing with Time-Dependent Travel Times and Paths. Transportation Science, 2021, 55, 706-724. | 2.6 | 10 |
| 10 | Exact and Heuristic Algorithms for Capacitated Vehicle Routing Problems with Quadratic Costs Structure. INFORMS Journal on Computing, 2015, 27, 658-676. | 1.0 | 9 |
| 11 | Iterated greedy algorithms for a complex parallel machine scheduling problem. European Journal of Operational Research, 2022, 300, 545-560. | 3.5 | 7 |
| 12 | Integrated optimisation of short- and medium-term planning in underground mines. International Journal of Mining, Reclamation and Environment, 2022, 36, 235-253. | 1.2 | 6 |
| 13 | Strategic planning of an underground mine with variable cut-off grades. Optimization and Engineering, 2020, 21, 803-849. | 1.3 | 5 |
| 14 | Scheduling pipe laying support vessels with non-anticipatory family setup times and intersections between sets of operations. International Journal of Production Research, 2021, 59, 6833-6847. | 4.9 | 5 |
| 15 | An Efficient Matheuristic for the Inventory Routing Problem. Lecture Notes in Computer Science, 2020, , 273-285. | 1.0 | 5 |
| 16 | A Hybrid VNS for the Multi-product Maritime Inventory Routing Problem. Lecture Notes in Computer Science, 2021, , 111-122. | 1.0 | 3 |
| 17 | Simheuristic algorithm for a stochastic parallel machine scheduling problem with periodic re-planning assessment. Annals of Operations Research, 0, , 1. | 2.6 | 3 |
| 18 | The minimum distance superset problem: formulations and algorithms. Journal of Global Optimization, 2018, 72, 27-53. | 1.1 | 2 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A stochastic programming approach for offshore flight scheduling. IFAC-PapersOnLine, 2020, 53, 478-484. | 0.5 | 2 |
| 20 | Solving a Real-Life Tramp Ship Routing and Scheduling Problem with Speed Profiles. Lecture Notes in Computer Science, 2021, , 82-96. | 1.0 | 0 |