

Rafael Martinelli

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

441
citations

1039880

9
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

448
citing authors

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