

# Rafael Martinelli

## List of Publications by Year in descending order

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20  
papers

441  
citations

1040056

9  
h-index

794594

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g-index

23  
all docs

23  
docs citations

23  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iterated greedy algorithms for a complex parallel machine scheduling problem. <i>European Journal of Operational Research</i> , 2022, 300, 545-560.	5.7	7
2	Integrated optimisation of short- and medium-term planning in underground mines. <i>International Journal of Mining, Reclamation and Environment</i> , 2022, 36, 235-253.	2.8	6
3	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.	7.5	5
4	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.	4.0	12
5	Solving a Real-Life Tramp Ship Routing and Scheduling Problem with Speed Profiles. <i>Lecture Notes in Computer Science</i> , 2021, , 82-96.	1.3	0
6	A Hybrid VNS for the Multi-product Maritime Inventory Routing Problem. <i>Lecture Notes in Computer Science</i> , 2021, , 111-122.	1.3	3
7	Arc Routing with Time-Dependent Travel Times and Paths. <i>Transportation Science</i> , 2021, 55, 706-724.	4.4	10
8	Strategic planning of an underground mine with variable cut-off grades. <i>Optimization and Engineering</i> , 2020, 21, 803-849.	2.4	5
9	Industrial and tramp ship routing problems: Closing the gap for real-scale instances. <i>European Journal of Operational Research</i> , 2020, 283, 972-990.	5.7	17
10	An Efficient Matheuristic for the Inventory Routing Problem. <i>Lecture Notes in Computer Science</i> , 2020, , 273-285.	1.3	5
11	A stochastic programming approach for offshore flight scheduling. <i>IFAC-PapersOnLine</i> , 2020, 53, 478-484.	0.9	2
12	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.	5.7	38
13	The minimum distance superset problem: formulations and algorithms. <i>Journal of Global Optimization</i> , 2018, 72, 27-53.	1.8	2
14	The vehicle routing problem with service level constraints. <i>European Journal of Operational Research</i> , 2018, 265, 544-558.	5.7	43
15	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.	8.9	43
16	Exact and Heuristic Algorithms for Capacitated Vehicle Routing Problems with Quadratic Costs Structure. <i>INFORMS Journal on Computing</i> , 2015, 27, 658-676.	1.7	9
17	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.	0.9	144
18	Efficient elementary and restricted non-elementary route pricing. <i>European Journal of Operational Research</i> , 2014, 239, 102-111.	5.7	46

#	ARTICLE	IF	CITATIONS
19	Improved bounds for large scale capacitated arc routing problem. Computers and Operations Research, 2013, 40, 2145-2160.	4.0	34
20	Simheuristic algorithm for a stochastic parallel machine scheduling problem with periodic re-planning assessment. Annals of Operations Research, 0, , 1.	4.1	3