

Claudia Archetti

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

4,151
citations

101543
36
h-index

118850
62
g-index

79
all docs

79
docs citations

79
times ranked

2073
citing authors

#	ARTICLE	IF	CITATIONS
1	A Branch-and-Cut Algorithm for a Vendor-Managed Inventory-Routing Problem. <i>Transportation Science</i> , 2007, 41, 382-391.	4.4	329
2	The Vehicle Routing Problem with Occasional Drivers. <i>European Journal of Operational Research</i> , 2016, 254, 472-480.	5.7	236
3	A Tabu Search Algorithm for the Split Delivery Vehicle Routing Problem. <i>Transportation Science</i> , 2006, 40, 64-73.	4.4	219
4	Metaheuristics for the team orienteering problem. <i>Journal of Heuristics</i> , 2007, 13, 49-76.	1.4	178
5	A survey on matheuristics for routing problems. <i>EURO Journal on Computational Optimization</i> , 2014, 2, 223-246.	2.4	169
6	Vehicle routing problems with split deliveries. <i>International Transactions in Operational Research</i> , 2012, 19, 3-22.	2.7	155
7	A Hybrid Heuristic for an Inventory Routing Problem. <i>INFORMS Journal on Computing</i> , 2012, 24, 101-116.	1.7	147
8	Ants can solve the team orienteering problem. <i>Computers and Industrial Engineering</i> , 2008, 54, 648-665.	6.3	143
9	Worst-Case Analysis for Split Delivery Vehicle Routing Problems. <i>Transportation Science</i> , 2006, 40, 226-234.	4.4	135
10	The capacitated team orienteering and profitable tour problems. <i>Journal of the Operational Research Society</i> , 2009, 60, 831-842.	3.4	121
11	An Optimization-Based Heuristic for the Split Delivery Vehicle Routing Problem. <i>Transportation Science</i> , 2008, 42, 22-31.	4.4	114
12	Analysis of the maximum level policy in a production-distribution system. <i>Computers and Operations Research</i> , 2011, 38, 1731-1746.	4.0	111
13	A Two-Phase Iterative Heuristic Approach for the Production Routing Problem. <i>Transportation Science</i> , 2015, 49, 784-795.	4.4	100
14	To split or not to split: That is the question. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2008, 44, 114-123.	7.4	97
15	Chapter 10: Vehicle Routing Problems with Profits. , 2014, , 273-297.		76
16	Multi-period Vehicle Routing Problem with Due dates. <i>Computers and Operations Research</i> , 2015, 61, 122-134.	4.0	73
17	Enhanced Branch and Price and Cut for Vehicle Routing with Split Deliveries and Time Windows. <i>Transportation Science</i> , 2011, 45, 285-298.	4.4	71
18	Formulations for an inventory routing problem. <i>International Transactions in Operational Research</i> , 2014, 21, 353-374.	2.7	66

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19	A column generation approach for the split delivery vehicle routing problem. <i>Networks</i> , 2011, 58, 241-254.	2.7	64
20	Reoptimizing the traveling salesman problem. <i>Networks</i> , 2003, 42, 154-159.	2.7	63
21	A Matheuristic for the Multivehicle Inventory Routing Problem. <i>INFORMS Journal on Computing</i> , 2017, 29, 377-387.	1.7	58
22	The Split Delivery Vehicle Routing Problem: A Survey. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008, , 103-122.	0.3	56
23	The Trip Scheduling Problem. <i>Transportation Science</i> , 2009, 43, 417-431.	4.4	55
24	Complexity of routing problems with release dates. <i>European Journal of Operational Research</i> , 2015, 247, 797-803.	5.7	52
25	The inventory routing problem: the value of integration. <i>International Transactions in Operational Research</i> , 2016, 23, 393-407.	2.7	51
26	The Vehicle Routing Problem with Divisible Deliveries and Pickups. <i>Transportation Science</i> , 2015, 49, 271-294.	4.4	50
27	Truck driver scheduling in Australia. <i>Computers and Operations Research</i> , 2012, 39, 1122-1132.	4.0	49
28	The Flexible Periodic Vehicle Routing Problem. <i>Computers and Operations Research</i> , 2017, 85, 58-70.	4.0	49
29	Trade-offs between environmental and economic performance in production and inventory-routing problems. <i>International Journal of Production Economics</i> , 2019, 217, 269-280.	8.9	48
30	The online vehicle routing problem with occasional drivers. <i>Computers and Operations Research</i> , 2021, 127, 105144.	4.0	48
31	The undirected capacitated arc routing problem with profits. <i>Computers and Operations Research</i> , 2010, 37, 1860-1869.	4.0	46
32	Optimization in multimodal freight transportation problems: A Survey. <i>European Journal of Operational Research</i> , 2022, 299, 1-20.	5.7	45
33	Recent challenges in Routing and Inventory Routing: E-commerce and last-mile delivery. <i>Networks</i> , 2021, 77, 255-268.	2.7	44
34	The Team Orienteering Arc Routing Problem. <i>Transportation Science</i> , 2014, 48, 442-457.	4.4	42
35	Flexible two-echelon location routing problem. <i>European Journal of Operational Research</i> , 2019, 277, 1124-1136.	5.7	42
36	A branch-price-and-cut algorithm for the commodity constrained split delivery vehicle routing problem. <i>Computers and Operations Research</i> , 2015, 64, 1-10.	4.0	41

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37	The Set Orienteering Problem. European Journal of Operational Research, 2018, 267, 264-272.	5.7	37
38	Vehicle routing in the 1-skip collection problem. Journal of the Operational Research Society, 2004, 55, 717-727.	3.4	36
39	The Clustered Orienteering Problem. European Journal of Operational Research, 2014, 238, 404-414.	5.7	33
40	Inventory routing with pickups and deliveries. European Journal of Operational Research, 2018, 268, 314-324.	5.7	33
41	The probabilistic orienteering problem. Computers and Operations Research, 2017, 81, 269-281.	4.0	31
42	An iterated local search for the Traveling Salesman Problem with release dates and completion time minimization. Computers and Operations Research, 2018, 98, 24-37.	4.0	30
43	Reoptimizing the 0-1 knapsack problem. Discrete Applied Mathematics, 2010, 158, 1879-1887.	0.9	27
44	Clinical Laboratory Automation: A Case Study. Journal of Public Health Research, 2017, 6, jphr.2017.881.	1.2	26
45	A matheuristic for the Team Orienteering Arc Routing Problem. European Journal of Operational Research, 2015, 245, 392-401.	5.7	25
46	Dynamic traveling salesman problem with stochastic release dates. European Journal of Operational Research, 2020, 280, 832-844.	5.7	25
47	Multicommodity vs. Single-Commodity Routing. Transportation Science, 2016, 50, 461-472.	4.4	24
48	Comparing sequential and integrated approaches for the production routing problem. European Journal of Operational Research, 2018, 269, 633-646.	5.7	23
49	A simulation study of an on-demand transportation system. International Transactions in Operational Research, 2018, 25, 1137-1161.	2.7	23
50	A branch-and-cut algorithm for the Orienteering Arc Routing Problem. Computers and Operations Research, 2016, 66, 95-104.	4.0	22
51	A heuristic algorithm for the free newspaper delivery problem. European Journal of Operational Research, 2013, 230, 245-257.	5.7	21
52	The Undirected Capacitated General Routing Problem with Profits. European Journal of Operational Research, 2017, 257, 822-833.	5.7	20
53	Exact solution methods for the multi-period vehicle routing problem with due dates. Computers and Operations Research, 2019, 110, 148-158.	4.0	20
54	The split delivery capacitated team orienteering problem. Networks, 2014, 63, 16-33.	2.7	19

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55	Minimizing the logistic ratio in the inventory routing problem. EURO Journal on Transportation and Logistics, 2017, 6, 289-306.	2.2	18
56	A kernel search heuristic for the multivehicle inventory routing problem. International Transactions in Operational Research, 2021, 28, 2984-3013.	2.7	18
57	The capacitated team orienteering problem with incomplete service. Optimization Letters, 2013, 7, 1405-1417.	1.6	17
58	A branch-and-cut algorithm for the inventory routing problem with pickups and deliveries. European Journal of Operational Research, 2020, 282, 886-895.	5.7	16
59	A two-phase solution algorithm for the Flexible Periodic Vehicle Routing Problem. Computers and Operations Research, 2018, 99, 27-37.	4.0	14
60	Comparison of formulations for the Inventory Routing Problem. European Journal of Operational Research, 2022, 303, 997-1008.	5.7	13
61	An exact algorithm for the inventory routing problem with logistic ratio. Transportation Research, Part E: Logistics and Transportation Review, 2019, 131, 96-107.	7.4	12
62	An Overview on the Split Delivery Vehicle Routing Problem. , 2007, , 123-127.		10
63	A genetic algorithm for the close-enough traveling salesman problem with application to solar panels diagnostic reconnaissance. Computers and Operations Research, 2022, 145, 105831.	4.0	10
64	Incomplete service and split deliveries in a routing problem with profits. Networks, 2014, 63, 135-145.	2.7	9
65	Reoptimizing the rural postman problem. Computers and Operations Research, 2013, 40, 1306-1313.	4.0	8
66	A branch-and-price algorithm for the robust graph coloring problem. Discrete Applied Mathematics, 2014, 165, 49-59.	0.9	8
67	The directed profitable location Rural Postman Problem. European Journal of Operational Research, 2014, 236, 811-819.	5.7	8
68	Social networks and health status in the elderly: the "ANZIANI IN-RETE"™ population-based study. Aging Clinical and Experimental Research, 2017, 29, 1173-1179.	2.9	8
69	The Fixed-Partition Policy Inventory Routing Problem. Transportation Science, 2021, 55, 353-370.	4.4	8
70	A dynamic and probabilistic orienteering problem. Computers and Operations Research, 2021, 136, 105454.	4.0	8
71	Chapter 12: Arc Routing Problems with Profits. , 2015, , 281-299.		7
72	A matheuristic for the air transportation freight forwarder service problem. Computers and Operations Research, 2020, 123, 105002.	4.0	7

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73	A sequential approach for a multi-commodity two-echelon distribution problem. Computers and Industrial Engineering, 2022, 163, 107793.	6.3	7
74	Inventory routing in a warehouse: The storage replenishment routing problem. European Journal of Operational Research, 2022, 301, 1117-1132.	5.7	7
75	Pickup and delivery problems with autonomous vehicles on rings. European Journal of Operational Research, 2021, , .	5.7	6
76	The Heterogeneous Flexible Periodic Vehicle Routing Problem: Mathematical formulations and solution algorithms. Computers and Operations Research, 2022, 141, 105662.	4.0	6
77	The Bi-objective Long-haul Transportation Problem on a Road Network. Omega, 2022, 106, 102522.	5.9	4
78	Preface: Special issue on the future of route optimization/vehicle routing. Networks, 2019, 73, 379-381.	2.7	1