

# Claudia Archetti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4082912/publications.pdf>

Version: 2024-02-01

78  
papers

4,151  
citations

101384

36  
h-index

118652

62  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization in multimodal freight transportation problems: A Survey. <i>European Journal of Operational Research</i> , 2022, 299, 1-20.	3.5	45
2	The Bi-objective Long-haul Transportation Problem on a Road Network. <i>Omega</i> , 2022, 106, 102522.	3.6	4
3	A sequential approach for a multi-commodity two-echelon distribution problem. <i>Computers and Industrial Engineering</i> , 2022, 163, 107793.	3.4	7
4	The Heterogeneous Flexible Periodic Vehicle Routing Problem: Mathematical formulations and solution algorithms. <i>Computers and Operations Research</i> , 2022, 141, 105662.	2.4	6
5	Comparison of formulations for the Inventory Routing Problem. <i>European Journal of Operational Research</i> , 2022, 303, 997-1008.	3.5	13
6	Inventory routing in a warehouse: The storage replenishment routing problem. <i>European Journal of Operational Research</i> , 2022, 301, 1117-1132.	3.5	7
7	A genetic algorithm for the close-enough traveling salesman problem with application to solar panels diagnostic reconnaissance. <i>Computers and Operations Research</i> , 2022, 145, 105831.	2.4	10
8	Recent challenges in Routing and Inventory Routing: E-commerce and last-mile delivery. <i>Networks</i> , 2021, 77, 255-268.	1.6	44
9	The online vehicle routing problem with occasional drivers. <i>Computers and Operations Research</i> , 2021, 127, 105144.	2.4	48
10	A kernel search heuristic for the multivehicle inventory routing problem. <i>International Transactions in Operational Research</i> , 2021, 28, 2984-3013.	1.8	18
11	The Fixed-Partition Policy Inventory Routing Problem. <i>Transportation Science</i> , 2021, 55, 353-370.	2.6	8
12	Pickup and delivery problems with autonomous vehicles on rings. <i>European Journal of Operational Research</i> , 2021, , .	3.5	6
13	A dynamic and probabilistic orienteering problem. <i>Computers and Operations Research</i> , 2021, 136, 105454.	2.4	8
14	A branch-and-cut algorithm for the inventory routing problem with pickups and deliveries. <i>European Journal of Operational Research</i> , 2020, 282, 886-895.	3.5	16
15	Dynamic traveling salesman problem with stochastic release dates. <i>European Journal of Operational Research</i> , 2020, 280, 832-844.	3.5	25
16	A matheuristic for the air transportation freight forwarder service problem. <i>Computers and Operations Research</i> , 2020, 123, 105002.	2.4	7
17	An exact algorithm for the inventory routing problem with logistic ratio. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 131, 96-107.	3.7	12
18	Exact solution methods for the multi-period vehicle routing problem with due dates. <i>Computers and Operations Research</i> , 2019, 110, 148-158.	2.4	20

#	ARTICLE	IF	CITATIONS
19	Preface: Special issue on the future of route optimization/vehicle routing. <i>Networks</i> , 2019, 73, 379-381.	1.6	1
20	Flexible two-echelon location routing problem. <i>European Journal of Operational Research</i> , 2019, 277, 1124-1136.	3.5	42
21	Trade-offs between environmental and economic performance in production and inventory-routing problems. <i>International Journal of Production Economics</i> , 2019, 217, 269-280.	5.1	48
22	Comparing sequential and integrated approaches for the production routing problem. <i>European Journal of Operational Research</i> , 2018, 269, 633-646.	3.5	23
23	The Set Orienteering Problem. <i>European Journal of Operational Research</i> , 2018, 267, 264-272.	3.5	37
24	Inventory routing with pickups and deliveries. <i>European Journal of Operational Research</i> , 2018, 268, 314-324.	3.5	33
25	A simulation study of an on-demand transportation system. <i>International Transactions in Operational Research</i> , 2018, 25, 1137-1161.	1.8	23
26	An iterated local search for the Traveling Salesman Problem with release dates and completion time minimization. <i>Computers and Operations Research</i> , 2018, 98, 24-37.	2.4	30
27	A two-phase solution algorithm for the Flexible Periodic Vehicle Routing Problem. <i>Computers and Operations Research</i> , 2018, 99, 27-37.	2.4	14
28	The probabilistic orienteering problem. <i>Computers and Operations Research</i> , 2017, 81, 269-281.	2.4	31
29	Social networks and health status in the elderly: the "ANZIANI IN-RETE" population-based study. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 1173-1179.	1.4	8
30	A Matheuristic for the Multivehicle Inventory Routing Problem. <i>INFORMS Journal on Computing</i> , 2017, 29, 377-387.	1.0	58
31	The Flexible Periodic Vehicle Routing Problem. <i>Computers and Operations Research</i> , 2017, 85, 58-70.	2.4	49
32	The Undirected Capacitated General Routing Problem with Profits. <i>European Journal of Operational Research</i> , 2017, 257, 822-833.	3.5	20
33	Minimizing the logistic ratio in the inventory routing problem. <i>EURO Journal on Transportation and Logistics</i> , 2017, 6, 289-306.	1.3	18
34	Clinical Laboratory Automation: A Case Study. <i>Journal of Public Health Research</i> , 2017, 6, jphr.2017.881.	0.5	26
35	The Vehicle Routing Problem with Occasional Drivers. <i>European Journal of Operational Research</i> , 2016, 254, 472-480.	3.5	236
36	The inventory routing problem: the value of integration. <i>International Transactions in Operational Research</i> , 2016, 23, 393-407.	1.8	51

#	ARTICLE	IF	CITATIONS
37	A branch-and-cut algorithm for the Orienteering Arc Routing Problem. Computers and Operations Research, 2016, 66, 95-104.	2.4	22
38	Multicommodity vs. Single-Commodity Routing. Transportation Science, 2016, 50, 461-472.	2.6	24
39	A matheuristic for the Team Orienteering Arc Routing Problem. European Journal of Operational Research, 2015, 245, 392-401.	3.5	25
40	Complexity of routing problems with release dates. European Journal of Operational Research, 2015, 247, 797-803.	3.5	52
41	Chapter 12: Arc Routing Problems with Profits. , 2015, , 281-299.		7
42	A branch-price-and-cut algorithm for the commodity constrained split delivery vehicle routing problem. Computers and Operations Research, 2015, 64, 1-10.	2.4	41
43	Multi-period Vehicle Routing Problem with Due dates. Computers and Operations Research, 2015, 61, 122-134.	2.4	73
44	The Vehicle Routing Problem with Divisible Deliveries and Pickups. Transportation Science, 2015, 49, 271-294.	2.6	50
45	A Two-Phase Iterative Heuristic Approach for the Production Routing Problem. Transportation Science, 2015, 49, 784-795.	2.6	100
46	A survey on matheuristics for routing problems. EURO Journal on Computational Optimization, 2014, 2, 223-246.	1.5	169
47	Chapter 10: Vehicle Routing Problems with Profits. , 2014, , 273-297.		76
48	Formulations for an inventory routing problem. International Transactions in Operational Research, 2014, 21, 353-374.	1.8	66
49	The Team Orienteering Arc Routing Problem. Transportation Science, 2014, 48, 442-457.	2.6	42
50	The Clustered Orienteering Problem. European Journal of Operational Research, 2014, 238, 404-414.	3.5	33
51	The split delivery capacitated team orienteering problem. Networks, 2014, 63, 16-33.	1.6	19
52	Incomplete service and split deliveries in a routing problem with profits. Networks, 2014, 63, 135-145.	1.6	9
53	A branch-and-price algorithm for the robust graph coloring problem. Discrete Applied Mathematics, 2014, 165, 49-59.	0.5	8
54	The directed profitable location Rural Postman Problem. European Journal of Operational Research, 2014, 236, 811-819.	3.5	8

#	ARTICLE	IF	CITATIONS
55	Reoptimizing the rural postman problem. <i>Computers and Operations Research</i> , 2013, 40, 1306-1313.	2.4	8
56	The capacitated team orienteering problem with incomplete service. <i>Optimization Letters</i> , 2013, 7, 1405-1417.	0.9	17
57	A heuristic algorithm for the free newspaper delivery problem. <i>European Journal of Operational Research</i> , 2013, 230, 245-257.	3.5	21
58	A Hybrid Heuristic for an Inventory Routing Problem. <i>INFORMS Journal on Computing</i> , 2012, 24, 101-116.	1.0	147
59	Vehicle routing problems with split deliveries. <i>International Transactions in Operational Research</i> , 2012, 19, 3-22.	1.8	155
60	Truck driver scheduling in Australia. <i>Computers and Operations Research</i> , 2012, 39, 1122-1132.	2.4	49
61	Enhanced Branch and Price and Cut for Vehicle Routing with Split Deliveries and Time Windows. <i>Transportation Science</i> , 2011, 45, 285-298.	2.6	71
62	A column generation approach for the split delivery vehicle routing problem. <i>Networks</i> , 2011, 58, 241-254.	1.6	64
63	Analysis of the maximum level policy in a production-distribution system. <i>Computers and Operations Research</i> , 2011, 38, 1731-1746.	2.4	111
64	Reoptimizing the $\alpha=1$ knapsack problem. <i>Discrete Applied Mathematics</i> , 2010, 158, 1879-1887.	0.5	27
65	The undirected capacitated arc routing problem with profits. <i>Computers and Operations Research</i> , 2010, 37, 1860-1869.	2.4	46
66	The Trip Scheduling Problem. <i>Transportation Science</i> , 2009, 43, 417-431.	2.6	55
67	The capacitated team orienteering and profitable tour problems. <i>Journal of the Operational Research Society</i> , 2009, 60, 831-842.	2.1	121
68	Ants can solve the team orienteering problem. <i>Computers and Industrial Engineering</i> , 2008, 54, 648-665.	3.4	143
69	The Split Delivery Vehicle Routing Problem: A Survey. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008, , 103-122.	0.3	56
70	To split or not to split: That is the question. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2008, 44, 114-123.	3.7	97
71	An Optimization-Based Heuristic for the Split Delivery Vehicle Routing Problem. <i>Transportation Science</i> , 2008, 42, 22-31.	2.6	114
72	A Branch-and-Cut Algorithm for a Vendor-Managed Inventory-Routing Problem. <i>Transportation Science</i> , 2007, 41, 382-391.	2.6	329

#	ARTICLE	IF	CITATIONS
73	Metaheuristics for the team orienteering problem. <i>Journal of Heuristics</i> , 2007, 13, 49-76.	1.1	178
74	An Overview on the Split Delivery Vehicle Routing Problem. , 2007, , 123-127.		10
75	Worst-Case Analysis for Split Delivery Vehicle Routing Problems. <i>Transportation Science</i> , 2006, 40, 226-234.	2.6	135
76	A Tabu Search Algorithm for the Split Delivery Vehicle Routing Problem. <i>Transportation Science</i> , 2006, 40, 64-73.	2.6	219
77	Vehicle routing in the 1-skip collection problem. <i>Journal of the Operational Research Society</i> , 2004, 55, 717-727.	2.1	36
78	Reoptimizing the traveling salesman problem. <i>Networks</i> , 2003, 42, 154-159.	1.6	63