

Leandro C Coelho

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,385
citations

147801

31
h-index

149698

56
g-index

70
all docs

70
docs citations

70
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	Thirty Years of Inventory Routing. <i>Transportation Science</i> , 2014, 48, 1-19.	4.4	411
2	Single-line rail rapid transit timetabling under dynamic passenger demand. <i>Transportation Research Part B: Methodological</i> , 2014, 70, 134-150.	5.9	203
3	The inventory-routing problem with transshipment. <i>Computers and Operations Research</i> , 2012, 39, 2537-2548.	4.0	176
4	Exact formulations and algorithm for the train timetabling problem with dynamic demand. <i>Computers and Operations Research</i> , 2014, 44, 66-74.	4.0	174
5	Consistency in multi-vehicle inventory-routing. <i>Transportation Research Part C: Emerging Technologies</i> , 2012, 24, 270-287.	7.6	155
6	Optimal joint replenishment, delivery and inventory management policies for perishable products. <i>Computers and Operations Research</i> , 2014, 47, 42-52.	4.0	155
7	The exact solution of several classes of inventory-routing problems. <i>Computers and Operations Research</i> , 2013, 40, 558-565.	4.0	152
8	A branch-and-cut algorithm for the multi-product multi-vehicle inventory-routing problem. <i>International Journal of Production Research</i> , 2013, 51, 7156-7169.	7.5	128
9	Improved solutions for inventory-routing problems through valid inequalities and input ordering. <i>International Journal of Production Economics</i> , 2014, 155, 391-397.	8.9	112
10	A Branch-Price-and-Cut Algorithm for the Inventory-Routing Problem. <i>Transportation Science</i> , 2016, 50, 1060-1076.	4.4	89
11	A multi-compartment vehicle routing problem arising in the collection of olive oil in Tunisia. <i>Omega</i> , 2015, 51, 1-10.	5.9	81
12	Heuristics for dynamic and stochastic inventory-routing. <i>Computers and Operations Research</i> , 2014, 52, 55-67.	4.0	76
13	Sequential versus integrated optimization: Production, location, inventory control, and distribution. <i>European Journal of Operational Research</i> , 2018, 268, 203-214.	5.7	62
14	An Inventory-Routing Problem with Pickups and Deliveries Arising in the Replenishment of Automated Teller Machines. <i>Transportation Science</i> , 2016, 50, 1077-1091.	4.4	61
15	Classification, models and exact algorithms for multi-compartment delivery problems. <i>European Journal of Operational Research</i> , 2015, 242, 854-864.	5.7	59
16	The multi-pickup and delivery problem with time windows. <i>European Journal of Operational Research</i> , 2018, 269, 353-362.	5.7	58
17	A dynamic multi-plant lot-sizing and distribution problem. <i>International Journal of Production Research</i> , 2016, 54, 6707-6717.	7.5	56
18	Order picking problems under weight, fragility and category constraints. <i>International Journal of Production Research</i> , 2017, 55, 6361-6379.	7.5	53

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19	The vehicle routing problem with simultaneous pickup and delivery and handling costs. <i>Computers and Operations Research</i> , 2020, 115, 104858.	4.0	51
20	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
21	Service level, cost and environmental optimization of collaborative transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 110, 1-14.	7.4	45
22	A matheuristic algorithm for the multi-depot inventory routing problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 122, 524-544.	7.4	45
23	Flexible two-echelon location routing problem. <i>European Journal of Operational Research</i> , 2019, 277, 1124-1136.	5.7	42
24	A Variable MIP Neighborhood Descent algorithm for managing inventory and distribution of cash in automated teller machines. <i>Computers and Operations Research</i> , 2017, 85, 22-31.	4.0	41
25	A hybrid method for the Probabilistic Maximal Covering Location Allocation Problem. <i>Computers and Operations Research</i> , 2015, 57, 51-59.	4.0	40
26	The pickup and delivery traveling salesman problem with handling costs. <i>European Journal of Operational Research</i> , 2017, 257, 118-132.	5.7	39
27	The two-echelon multi-depot inventory-routing problem. <i>Computers and Operations Research</i> , 2019, 101, 220-233.	4.0	39
28	Bi-objective optimization for a multi-period COVID-19 vaccination planning problem. <i>Omega</i> , 2022, 110, 102617.	5.9	39
29	Integrating storage location and order picking problems in warehouse planning. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 140, 102003.	7.4	37
30	A survey on the inventory-routing problem with stochastic lead times and demands. <i>Journal of Applied Logic</i> , 2017, 24, 15-24.	1.1	36
31	The open vehicle routing problem with decoupling points. <i>European Journal of Operational Research</i> , 2018, 265, 316-327.	5.7	33
32	A hybrid adaptive large neighbourhood search for multi-depot open vehicle routing problems. <i>International Journal of Production Research</i> , 2019, 57, 6963-6976.	7.5	33
33	Robustness of inventory replenishment and customer selection policies for the dynamic and stochastic inventory-routing problem. <i>Computers and Operations Research</i> , 2016, 74, 14-20.	4.0	32
34	A hybrid adaptive large neighborhood search heuristic for the team orienteering problem. <i>Computers and Operations Research</i> , 2020, 123, 105034.	4.0	31
35	Exact algorithms for the multi-pickup and delivery problem with time windows. <i>European Journal of Operational Research</i> , 2020, 284, 906-919.	5.7	30
36	The two-echelon production-routing problem. <i>European Journal of Operational Research</i> , 2021, 288, 436-449.	5.7	30

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37	The multi-plant perishable food production routing with packaging consideration. <i>International Journal of Production Economics</i> , 2020, 221, 107472.	8.9	28
38	Heuristics for the dynamic facility location problem with modular capacities. <i>European Journal of Operational Research</i> , 2021, 290, 435-452.	5.7	28
39	Matheuristics for solving the Multiple Knapsack Problem with Setup. <i>Computers and Industrial Engineering</i> , 2019, 129, 76-89.	6.3	26
40	Solving the vehicle routing problem with lunch break arising in the furniture delivery industry. <i>Journal of the Operational Research Society</i> , 2016, 67, 743-751.	3.4	25
41	The exact solutions of several types of container loading problems. <i>European Journal of Operational Research</i> , 2020, 284, 87-107.	5.7	24
42	Mathematical model, heuristics and exact method for order picking in narrow aisles. <i>Journal of the Operational Research Society</i> , 2018, 69, 1242-1253.	3.4	23
43	Exact and heuristic solution approaches for the bid construction problem in transportation procurement auctions with a heterogeneous fleet. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 127, 150-177.	7.4	23
44	Road-based goods transportation: a survey of real-world logistics applications from 2000 to 2015. <i>Infor</i> , 2016, 54, 79-96.	0.6	20
45	Alternative formulations and improved bounds for the multi-depot fleet size and mix vehicle routing problem. <i>OR Spectrum</i> , 2018, 40, 125-157.	3.4	20
46	Exact solution methods for the multi-period vehicle routing problem with due dates. <i>Computers and Operations Research</i> , 2019, 110, 148-158.	4.0	20
47	An optimised target-level inventory replenishment policy for vendor-managed inventory systems. <i>International Journal of Production Research</i> , 2015, 53, 3651-3660.	7.5	19
48	Optimizing drinking water distribution system operations. <i>European Journal of Operational Research</i> , 2020, 280, 1035-1050.	5.7	19
49	Exact and hybrid heuristic methods to solve the combinatorial bid construction problem with stochastic prices in truckload transportation services procurement auctions. <i>Transportation Research Part B: Methodological</i> , 2021, 149, 204-229.	5.9	16
50	The two-echelon inventory-routing problem with fleet management. <i>Computers and Operations Research</i> , 2020, 121, 104944.	4.0	14
51	The time-dependent location-routing problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 128, 293-315.	7.4	12
52	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.	7.4	12
53	Determining time-dependent minimum cost paths under several objectives. <i>Computers and Operations Research</i> , 2019, 105, 102-117.	4.0	12
54	Models and algorithms for the delivery and installation routing problem. <i>European Journal of Operational Research</i> , 2021, 291, 162-177.	5.7	11

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55	A continuous-time supply-driven inventory-constrained routing problem. <i>Omega</i> , 2020, 92, 102151.	5.9	10
56	Strategic and operational decision-making in expanding supply chains for LNG as a fuel. <i>Omega</i> , 2020, 97, 102093.	5.9	9
57	Asymmetric Multidepot Vehicle Routing Problems: Valid Inequalities and a Branch-and-Cut Algorithm. <i>Operations Research</i> , 2021, 69, 380-409.	1.9	9
58	Measuring fuel consumption in vehicle routing: new estimation models using supervised learning. <i>International Journal of Production Research</i> , 0, , 1-17.	7.5	8
59	Exact and matheuristic methods for the parallel machine scheduling and location problem with delivery time and due date. <i>Computers and Operations Research</i> , 2022, 147, 105936.	4.0	7
60	Fleet sizing and routing of healthcare automated guided vehicles. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 161, 102679.	7.4	6
61	Replenishment and denomination mix of automated teller machines with dynamic forecast demands. <i>Computers and Operations Research</i> , 2020, 114, 104828.	4.0	4
62	The time-dependent shortest path and vehicle routing problem. <i>Infor</i> , 2021, 59, 592-622.	0.6	4
63	INTEGRATED PRODUCTION-DISTRIBUTION SYSTEMS: TRENDS AND PERSPECTIVES. <i>Pesquisa Operacional</i> , 2021, 41, .	0.4	4
64	An improved model and exact algorithm using local branching for the inventory-routing problem with time windows. <i>International Journal of Production Research</i> , 2023, 61, 49-64.	7.5	4
65	Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. <i>Data in Brief</i> , 2020, 33, 106568.	1.0	3
66	A cutting plane method and a parallel algorithm for packing rectangles in a circular container. <i>European Journal of Operational Research</i> , 2022, 303, 114-128.	5.7	3
67	Simulation-based optimization of pump scheduling for drinking water distribution systems. <i>Engineering Optimization</i> , 2023, 55, 841-855.	2.6	3
68	Modeling and solving the waste valorization production and distribution scheduling problem. <i>European Journal of Operational Research</i> , 2023, 306, 400-417.	5.7	3
69	Solving a vendor-managed inventory routing problem arising in the distribution of bottled water in Morocco. <i>European Journal of Industrial Engineering</i> , 2017, 11, 168.	0.8	2
70	The dial-a-ride problem with private fleet and common carrier. <i>Computers and Operations Research</i> , 2022, 147, 105933.	4.0	2