Luca Bertazzi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2503770/publications.pdf

Version: 2024-02-01

45 papers	1,734 citations	361413 20 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	986 citing authors

#	Article	IF	Citations
1	A Branch-and-Cut Algorithm for a Vendor-Managed Inventory-Routing Problem. Transportation Science, 2007, 41, 382-391.	4.4	329
2	Deterministic Order-Up-To Level Policies in an Inventory Routing Problem. Transportation Science, 2002, 36, 119-132.	4.4	160
3	A Hybrid Heuristic for an Inventory Routing Problem. INFORMS Journal on Computing, 2012, 24, 101-116.	1.7	147
4	A stochastic inventory routing problem with stock-out. Transportation Research Part C: Emerging Technologies, 2013, 27, 89-107.	7.6	104
5	Inventory routing problems: an introduction. EURO Journal on Transportation and Logistics, 2012, 1, 307-326.	2.2	102
6	Minimizing the Total Cost in an Integrated Vendorâ€"Managed Inventory System. Journal of Heuristics, 2005, 11, 393-419.	1.4	85
7	Inventory routing problems with multiple customers. EURO Journal on Transportation and Logistics, 2013, 2, 255-275.	2.2	69
8	Minimization of logistic costs with given frequencies. Transportation Research Part B: Methodological, 1997, 31, 327-340.	5.9	64
9	Reoptimizing the traveling salesman problem. Networks, 2003, 42, 154-159.	2.7	63
10	Stochastic optimization models for a bike-sharing problem with transshipment. European Journal of Operational Research, 2019, 276, 272-283.	5.7	52
11	Managing stochastic demand in an Inventory Routing Problem with transportation procurement. Omega, 2015, 56, 112-121.	5.9	47
12	A matheuristic algorithm for the multi-depot inventory routing problem. Transportation Research, Part E: Logistics and Transportation Review, 2019, 122, 524-544.	7.4	45
13	Recent challenges in Routing and Inventory Routing: Eâ€commerce and lastâ€mile delivery. Networks, 2021, 77, 255-268.	2.7	44
14	Continuous and Discrete Shipping Strategies for the Single Link Problem. Transportation Science, 2002, 36, 314-325.	4.4	40
15	Minâ€"Max vs. Minâ€"Sum Vehicle Routing: A worst-case analysis. European Journal of Operational Research, 2015, 240, 372-381.	5.7	34
16	Analysis of Direct Shipping Policies in an Inventory-Routing Problem with Discrete Shipping Times. Management Science, 2008, 54, 748-762.	4.1	31
17	Faster rollout search for the vehicle routing problem with stochastic demands and restocking. European Journal of Operational Research, 2018, 270, 487-497.	5.7	30
18	Polynomial cases of the economic lot sizing problem with cost discounts. European Journal of Operational Research, 2014, 237, 519-527.	5.7	26

#	Article	IF	Citations
19	Exact and Heuristic Solutions for a Shipment Problem with Given Frequencies. Management Science, 2000, 46, 973-988.	4.1	23
20	Stochastic optimization models for a single-sink transportation problem. Computational Management Science, 2009, 6, 251-267.	1.3	21
21	A stochastic multi-stage fixed charge transportation problem: Worst-case analysis of the rolling horizon approach. European Journal of Operational Research, 2018, 267, 555-569.	5.7	21
22	Inventory control on sequences of links with given transportation frequencies. International Journal of Production Economics, 1999, 59, 261-270.	8.9	18
23	Environmental exposure and health effects in a highly polluted area of Northern Italy: a narrative review. Environmental Science and Pollution Research, 2019, 26, 4555-4569.	5.3	18
24	Minimizing logistic costs in multistage supply chains. Naval Research Logistics, 1999, 46, 399-417.	2.2	17
25	Minâ€“Max exact and heuristic policies for a two-echelon supply chain with inventory and transportation procurement decisions. Transportation Research, Part E: Logistics and Transportation Review, 2016, 93, 57-70.	7.4	17
26	Rounding Procedures for the Discrete Version of the Capacitated Economic Order Quantity Problem. Annals of Operations Research, 2001, 107, 33-49.	4.1	13
27	An exact approach for cyclic inbound inventory routing in a level production system. European Journal of Operational Research, 2020, 283, 915-928.	5.7	12
28	Improved rounding procedures for the discrete version of the capacitated EOQ problem. European Journal of Operational Research, 2005, 166, 25-34.	5.7	11
29	Analysis of practical policies for a single link distribution system. Naval Research Logistics, 2007, 54, 497-509.	2.2	11
30	Solution Approaches for the Stochastic Capacitated Traveling Salesmen Location Problem with Recourse. Journal of Optimization Theory and Applications, 2015, 166, 321-342.	1.5	11
31	Worst-case analysis of the full load policy in the single link problem. International Journal of Production Economics, 2005, 93-94, 217-224.	8.9	9
32	The Bin Packing Problem with Item Fragmentation:A worst-case analysis. Discrete Applied Mathematics, 2019, 261, 63-77.	0.9	9
33	Asymptotic analysis of periodic policies for the inventory routing problem. Naval Research Logistics, 2013, 60, 525-540.	2.2	7
34	The value of the right distribution in stochastic programming with application to a Newsvendor problem. Computational Management Science, 2019, 16, 739-758.	1.3	7
35	A rolling horizon approach for a multi-stage stochastic fixed-charge transportation problem with transshipment. European Journal of Operational Research, 2022, 301, 912-922.	5.7	7
36	Minimum and Worst-Case Performance Ratios of Rollout Algorithms. Journal of Optimization Theory and Applications, 2012, 152, 378-393.	1.5	6

#	Article	IF	Citations
37	Optimizing the distribution planning process in supply chains with distribution strategy choice. Journal of the Operational Research Society, 2020, , 1-14.	3.4	5
38	Technical Noteâ€"Worst-Case Benefit of Restocking for the Vehicle Routing Problem with Stochastic Demands. Operations Research, 2020, 68, 671-675.	1.9	5
39	The value of integration of full container load, less than container load and air freight shipments in vendorâ€"managed inventory systems. International Journal of Production Economics, 2021, 241, 108260.	8.9	4
40	Matheuristics with performance guarantee for the unsplit and split delivery capacitated vehicle routing problem. Networks, 2022, 80, 482-501.	2.7	4
41	Analysis of effective sets of routes for the split-delivery periodic inventory routing problem. European Journal of Operational Research, 2022, 298, 463-477.	5.7	3
42	Determining Transportation Mode Choice To Minimize Distribution Cost: Direct Shipping, Transit Point And 2-Routing. , 2014, , .		2
43	Analysis of the Best Double Frequency Policy in the Single Link Problem with Discrete Shipping Times. Journal of Optimization Theory and Applications, 2014, 163, 286-309.	1.5	1
44	Natural Disaster Management in Italy. , 2017, , 523-537.		0
45	Direct k-routing versus cross-docking: worst-case results. Optimization Letters, 2021, 15, 1579-1586.	1.6	0