

# Luca Bertazzi

## List of Publications by Year in descending order

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45  
papers

1,734  
citations

361045

20  
h-index

276539

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. <i>Transportation Science</i> , 2007, 41, 382-391.	2.6	329
2	Deterministic Order-Up-To Level Policies in an Inventory Routing Problem. <i>Transportation Science</i> , 2002, 36, 119-132.	2.6	160
3	A Hybrid Heuristic for an Inventory Routing Problem. <i>INFORMS Journal on Computing</i> , 2012, 24, 101-116.	1.0	147
4	A stochastic inventory routing problem with stock-out. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 27, 89-107.	3.9	104
5	Inventory routing problems: an introduction. <i>EURO Journal on Transportation and Logistics</i> , 2012, 1, 307-326.	1.3	102
6	Minimizing the Total Cost in an Integrated Vendor-Managed Inventory System. <i>Journal of Heuristics</i> , 2005, 11, 393-419.	1.1	85
7	Inventory routing problems with multiple customers. <i>EURO Journal on Transportation and Logistics</i> , 2013, 2, 255-275.	1.3	69
8	Minimization of logistic costs with given frequencies. <i>Transportation Research Part B: Methodological</i> , 1997, 31, 327-340.	2.8	64
9	Reoptimizing the traveling salesman problem. <i>Networks</i> , 2003, 42, 154-159.	1.6	63
10	Stochastic optimization models for a bike-sharing problem with transshipment. <i>European Journal of Operational Research</i> , 2019, 276, 272-283.	3.5	52
11	Managing stochastic demand in an Inventory Routing Problem with transportation procurement. <i>Omega</i> , 2015, 56, 112-121.	3.6	47
12	A matheuristic algorithm for the multi-depot inventory routing problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 122, 524-544.	3.7	45
13	Recent challenges in Routing and Inventory Routing: E-commerce and last-mile delivery. <i>Networks</i> , 2021, 77, 255-268.	1.6	44
14	Continuous and Discrete Shipping Strategies for the Single Link Problem. <i>Transportation Science</i> , 2002, 36, 314-325.	2.6	40
15	Min-Max vs. Min-Sum Vehicle Routing: A worst-case analysis. <i>European Journal of Operational Research</i> , 2015, 240, 372-381.	3.5	34
16	Analysis of Direct Shipping Policies in an Inventory-Routing Problem with Discrete Shipping Times. <i>Management Science</i> , 2008, 54, 748-762.	2.4	31
17	Faster rollout search for the vehicle routing problem with stochastic demands and restocking. <i>European Journal of Operational Research</i> , 2018, 270, 487-497.	3.5	30
18	Polynomial cases of the economic lot sizing problem with cost discounts. <i>European Journal of Operational Research</i> , 2014, 237, 519-527.	3.5	26

#	ARTICLE	IF	CITATIONS
19	Exact and Heuristic Solutions for a Shipment Problem with Given Frequencies. <i>Management Science</i> , 2000, 46, 973-988.	2.4	23
20	Stochastic optimization models for a single-sink transportation problem. <i>Computational Management Science</i> , 2009, 6, 251-267.	0.8	21
21	A stochastic multi-stage fixed charge transportation problem: Worst-case analysis of the rolling horizon approach. <i>European Journal of Operational Research</i> , 2018, 267, 555-569.	3.5	21
22	Inventory control on sequences of links with given transportation frequencies. <i>International Journal of Production Economics</i> , 1999, 59, 261-270.	5.1	18
23	Environmental exposure and health effects in a highly polluted area of Northern Italy: a narrative review. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4555-4569.	2.7	18
24	Minimizing logistic costs in multistage supply chains. <i>Naval Research Logistics</i> , 1999, 46, 399-417.	1.4	17
25	Minimizing exact and heuristic policies for a two-echelon supply chain with inventory and transportation procurement decisions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 93, 57-70.	3.7	17
26	Rounding Procedures for the Discrete Version of the Capacitated Economic Order Quantity Problem. <i>Annals of Operations Research</i> , 2001, 107, 33-49.	2.6	13
27	An exact approach for cyclic inbound inventory routing in a level production system. <i>European Journal of Operational Research</i> , 2020, 283, 915-928.	3.5	12
28	Improved rounding procedures for the discrete version of the capacitated EOQ problem. <i>European Journal of Operational Research</i> , 2005, 166, 25-34.	3.5	11
29	Analysis of practical policies for a single link distribution system. <i>Naval Research Logistics</i> , 2007, 54, 497-509.	1.4	11
30	Solution Approaches for the Stochastic Capacitated Traveling Salesmen Location Problem with Recourse. <i>Journal of Optimization Theory and Applications</i> , 2015, 166, 321-342.	0.8	11
31	Worst-case analysis of the full load policy in the single link problem. <i>International Journal of Production Economics</i> , 2005, 93-94, 217-224.	5.1	9
32	The Bin Packing Problem with Item Fragmentation: A worst-case analysis. <i>Discrete Applied Mathematics</i> , 2019, 261, 63-77.	0.5	9
33	Asymptotic analysis of periodic policies for the inventory routing problem. <i>Naval Research Logistics</i> , 2013, 60, 525-540.	1.4	7
34	The value of the right distribution in stochastic programming with application to a Newsvendor problem. <i>Computational Management Science</i> , 2019, 16, 739-758.	0.8	7
35	A rolling horizon approach for a multi-stage stochastic fixed-charge transportation problem with transshipment. <i>European Journal of Operational Research</i> , 2022, 301, 912-922.	3.5	7
36	Minimum and Worst-Case Performance Ratios of Rollout Algorithms. <i>Journal of Optimization Theory and Applications</i> , 2012, 152, 378-393.	0.8	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.	2.1	5
38	Technical Note“Worst-Case Benefit of Restocking for the Vehicle Routing Problem with Stochastic Demands. Operations Research, 2020, 68, 671-675.	1.2	5
39	The value of integration of full container load, less than container load and air freight shipments in vendor“managed inventory systems. International Journal of Production Economics, 2021, 241, 108260.	5.1	4
40	Matheuristics with performance guarantee for the unsplit and split delivery capacitated vehicle routing problem. Networks, 2022, 80, 482-501.	1.6	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.	3.5	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.	0.8	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.	0.9	0