Renata Mansini

List of Publications by Year
in descending order

72 papers	2,571 citations	159585 30 h-index	197818 49 g-index
74 all docs	74 docs citations	74 times ranked	1531 citing authors

#	Article	IF	Citations
1	Heuristic algorithms for the portfolio selection problem with minimum transaction lots. European Journal of Operational Research, 1999, 114, 219-233.	5.7	219
2	Conditional value at risk and related linear programming models for portfolio optimization. Annals of Operations Research, 2007, 152, 227-256.	4.1	163
3	Twenty years of linear programming based portfolio optimization. European Journal of Operational Research, 2014, 234, 518-535.	5.7	162
4	The Team Orienteering Problem with Time Windows: An LP-based Granular Variable Neighborhood Search. European Journal of Operational Research, 2012, 220, 15-27.	5.7	139
5	Selecting Portfolios with Fixed Costs and Minimum Transaction Lots. Annals of Operations Research, 2000, 99, 287-304.	4.1	128
6	LP solvable models for portfolio optimization: a classification and computational comparison. IMA Journal of Management Mathematics, 2003, 14, 187-220.	1.6	108
7	Kernel search: A general heuristic for the multi-dimensional knapsack problem. Computers and Operations Research, 2010, 37, 2017-2026.	4.0	102
8	The supplier selection problem with quantity discounts and truckload shipping. Omega, 2012, 40, 445-455.	5.9	72
9	Linear programming models based on Omega ratio for the Enhanced Index Tracking Problem. European Journal of Operational Research, 2016, 251, 938-956.	5.7	66
10	An efficient fully polynomial approximation scheme for the Subset-Sum Problem. Journal of Computer and System Sciences, 2003, 66, 349-370.	1.2	62
11	On the effectiveness of scenario generation techniques in single-period portfolio optimization. European Journal of Operational Research, 2009, 192, 500-511.	5.7	62
12	On LP Solvable Models for Portfolio Selection. Informatica, 2003, 14, 37-62.	2.7	60
13	A comparison of MAD and CVaR models with real features. Journal of Banking and Finance, 2008, 32, 1188-1197.	2.9	57
14	Attended Home Delivery: reducing last-mile environmental impact by changing customer habits. IFAC-PapersOnLine, 2018, 51, 55-60.	0.9	56
15	An exact approach for portfolio selection with transaction costs and rounds. IIE Transactions, 2005, 37, 919-929.	2.1	53
16	Short Term Strategies for a Dynamic Multi-Period Routing Problem. Transportation Research Part C: Emerging Technologies, 2009, 17, 106-119.	7.6	53
17	Kernel Search: a new heuristic framework forÂportfolioÂselection. Computational Optimization and Applications, 2012, 51, 345-361.	1.6	52
18	The multi-vehicle traveling purchaser problem with pairwise incompatibility constraints and unitary demands: A branch-and-price approach. European Journal of Operational Research, 2016, 248, 59-71.	5.7	49

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19	The Traveling Purchaser Problem and its variants. European Journal of Operational Research, 2017, 259, 1-18.	5.7	47
20	A branchâ€andâ€cut algorithm for the Team Orienteering Problem. International Transactions in Operational Research, 2018, 25, 627-635.	2.7	47
21	The Capacitated Supplier Selection problem with Total Quantity Discount policy and Activation Costs under uncertainty. International Journal of Production Economics, 2018, 198, 119-132.	8.9	46
22	Mixed integer linear programming models for optimal crop selection. Computers and Operations Research, 2017, 81, 26-39.	4.0	44
23	Semi-Absolute Deviation Rule for Mutual Funds Portfolio Selection. Annals of Operations Research, 2003, 124, 245-265.	4.1	43
24	Complexity and Reducibility of the Skip Delivery Problem. Transportation Science, 2005, 39, 182-187.	4.4	40
25	An exact algorithm for the Capacitated Total Quantity Discount Problem. European Journal of Operational Research, 2012, 222, 287-300.	5.7	40
26	CORAL: An Exact Algorithm for the Multidimensional Knapsack Problem. INFORMS Journal on Computing, 2012, 24, 399-415.	1.7	39
27	A branchâ€andâ€cut algorithm for the multiâ€vehicle traveling purchaser problem with pairwise incompatibility constraints. Networks, 2015, 65, 139-154.	2.7	34
28	An effective matheuristic for the capacitated total quantity discount problem. Computers and Operations Research, 2014, 41, 1-11.	4.0	32
29	The traveling purchaser problem with budget constraint. Computers and Operations Research, 2009, 36, 2263-2274.	4.0	31
30	The distance constrained multiple vehicle traveling purchaser problem. European Journal of Operational Research, 2014, 235, 73-87.	5.7	31
31	Models and Simulations for Portfolio Rebalancing. Computational Economics, 2009, 33, 237-262.	2.6	29
32	Linear and Mixed Integer Programming for Portfolio Optimization. EURO Advanced Tutorials on Operational Research, 2015, , .	0.6	29
33	The multi-visit team orienteering problem with precedence constraints. European Journal of Operational Research, 2020, 282, 515-529.	5.7	29
34	The Nurse Routing Problem with Workload Constraints and Incompatible Services. IFAC-PapersOnLine, 2016, 49, 1192-1197.	0.9	28
35	A linear programming model for the separate refuse collection service. Computers and Operations Research, 1998, 25, 659-673.	4.0	25
36	A stochastic programming approach for the traveling purchaser problem. IMA Journal of Management Mathematics, 2017, 28, 41-63.	1.6	24

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37	A multidimensional knapsack model for asset-backed securitization. Journal of the Operational Research Society, 2002, 53, 822-832.	3.4	20
38	Look-ahead heuristics for the dynamic traveling purchaser problem. Computers and Operations Research, 2011, 38, 1867-1876.	4.0	20
39	An optimization approach for a complex real-life container loading problem. Omega, 2022, 107, 102559.	5.9	18
40	Exploring greedy criteria for the dynamic traveling purchaser problem. Central European Journal of Operations Research, 2009, 17, 141-158.	1.8	17
41	The Stochastic and Dynamic Traveling Purchaser Problem. Transportation Science, 2016, 50, 642-658.	4.4	17
42	Enhanced index tracking with CVaR-based ratio measures. Annals of Operations Research, 2020, 292, 883-931.	4.1	17
43	Two linear approximation algorithms for the subset-sum problem. European Journal of Operational Research, 2000, 120, 289-296.	5.7	13
44	The directed profitable rural postman problem with incompatibility constraints. European Journal of Operational Research, 2017, 261, 549-562.	5.7	11
45	The Traveling Purchaser Problem with time-dependent quantities. Computers and Operations Research, 2017, 82, 15-26.	4.0	10
46	Optimizing the physician scheduling problem in a large hospital ward. Journal of Scheduling, 2020, 23, 337-361.	1.9	10
47	A two-phase kernel search variant for the multidimensional multiple-choice knapsack problem. European Journal of Operational Research, 2022, 297, 53-65.	5.7	10
48	Scheduling groups of tasks with precedence constraints on three dedicated processors. Discrete Applied Mathematics, 2004, 134, 141-168.	0.9	9
49	Portfolio Optimization with Transaction Costs. EURO Advanced Tutorials on Operational Research, 2015, , 47-62.	0.6	8
50	The generalized independent set problem: Polyhedral analysis and solution approaches. European Journal of Operational Research, 2017, 260, 41-55.	5.7	8
51	A branch-and-bound algorithm for the time-Dependent rural postman problem. Computers and Operations Research, 2019, 102, 150-157.	4.0	8
52	Comparison of policies in dynamic routing problems. Journal of the Operational Research Society, 2010, 61, 686-695.	3.4	7
53	The Hierarchical Mixed Rural Postman Problem: Polyhedral analysis and a branch-and-cut algorithm. European Journal of Operational Research, 2017, 257, 1-12.	5.7	7
54	A Kernel Search for a Patient Satisfaction-oriented Nurse Routing Problem with Time-Windows. IFAC-PapersOnLine, 2019, 52, 1669-1674.	0.9	7

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55	Modeling the Pre Auction Stage The Truckload Case. Lecture Notes in Economics and Mathematical Systems, 2009, , 219-233.	0.3	6
56	New results for the Directed Profitable Rural Postman Problem. European Journal of Operational Research, 2014, 238, 760-773.	5.7	6
57	The Hierarchical Mixed Rural Postman Problem. Transportation Science, 2017, 51, 755-770.	4.4	5
58	A System of Systems for the Optimal Allocation of Pollutant Monitoring Sensors. IEEE Systems Journal, 2022, 16, 6393-6400.	4.6	5
59	Linear Models for Portfolio Optimization. EURO Advanced Tutorials on Operational Research, 2015, , 19-45.	0.6	4
60	Hybridizing adaptive large neighborhood search with kernel search: a new solution approach for the nurse routing problem with incompatible services and minimum demand. International Transactions in Operational Research, 2023, 30, 8-38.	2.7	4
61	Improving spare parts management for field services: a model and a case study for the repair kit problem. IMA Journal of Management Mathematics, 2016, , dpw023.	1.6	3
62	A Real-time Vehicle Routing Model for a Courier Service Problem. Lecture Notes in Economics and Mathematical Systems, 2005, , 87-103.	0.3	3
63	Securitization of Financial Assets: Approximation in Theory and Practice. Computational Optimization and Applications, 2004, 29, 147-171.	1.6	2
64	Portfolio Optimization with Other Real Features. EURO Advanced Tutorials on Operational Research, 2015, , 63-72.	0.6	2
65	A Core-Based Exact Algorithm for the Multidimensional Multiple Choice Knapsack Problem. INFORMS Journal on Computing, 2020, , .	1.7	2
66	Rebalancing and Index Tracking. EURO Advanced Tutorials on Operational Research, 2015, , 73-86.	0.6	1
67	Effective Algorithms for a Bounded Version of the Uncapacitated TPP. Lecture Notes in Economics and Mathematical Systems, 2009, , 267-281.	0.3	1
68	An Optimization Approach for a Complex Real-Life Container Loading Problem. SSRN Electronic Journal, 0, , .	0.4	1
69	Portfolio Optimization. EURO Advanced Tutorials on Operational Research, 2015, , 1-18.	0.6	0
70	Management Policies in a Dynamic Multi Period Routing Problem. Lecture Notes in Economics and Mathematical Systems, 2009, , 1-15.	0.3	0
71	Computational Issues. EURO Advanced Tutorials on Operational Research, 2015, , 97-114.	0.6	0
72	Two-phase Kernel Search: An Application to Facility Location Problems with Incompatibilities. , 2022, , .		0