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	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
2	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
3	An optimization approach for a complex real-life container loading problem. Omega, 2022, 107, 102559.	5.9	18
4	A System of Systems for the Optimal Allocation of Pollutant Monitoring Sensors. IEEE Systems Journal, 2022, 16, 6393-6400.	4.6	5
5	Two-phase Kernel Search: An Application to Facility Location Problems with Incompatibilities. , 2022, , .		0
6	Optimizing the physician scheduling problem in a large hospital ward. Journal of Scheduling, 2020, 23, 337-361.	1.9	10
7	The multi-visit team orienteering problem with precedence constraints. European Journal of Operational Research, 2020, 282, 515-529.	5.7	29
8	A Core-Based Exact Algorithm for the Multidimensional Multiple Choice Knapsack Problem. INFORMS Journal on Computing, 2020, , .	1.7	2
9	Enhanced index tracking with CVaR-based ratio measures. Annals of Operations Research, 2020, 292, 883-931.	4.1	17
10	A branch-and-bound algorithm for the time-Dependent rural postman problem. Computers and Operations Research, 2019, 102, 150-157.	4.0	8
11	A Kernel Search for a Patient Satisfaction-oriented Nurse Routing Problem with Time-Windows. IFAC-PapersOnLine, 2019, 52, 1669-1674.	0.9	7
12	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
13	A branchâ€andâ€cut algorithm for the Team Orienteering Problem. International Transactions in Operational Research, 2018, 25, 627-635.	2.7	47
14	Attended Home Delivery: reducing last-mile environmental impact by changing customer habits. IFAC-PapersOnLine, 2018, 51, 55-60.	0.9	56
15	A stochastic programming approach for the traveling purchaser problem. IMA Journal of Management Mathematics, 2017, 28, 41-63.	1.6	24
16	The generalized independent set problem: Polyhedral analysis and solution approaches. European Journal of Operational Research, 2017, 260, 41-55.	5.7	8
17	The Traveling Purchaser Problem and its variants. European Journal of Operational Research, 2017, 259, 1-18.	5.7	47
18	The Hierarchical Mixed Rural Postman Problem. Transportation Science, 2017, 51, 755-770.	4.4	5

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19	The Traveling Purchaser Problem with time-dependent quantities. Computers and Operations Research, 2017, 82, 15-26.	4.0	10
20	The directed profitable rural postman problem with incompatibility constraints. European Journal of Operational Research, 2017, 261, 549-562.	5.7	11
21	Mixed integer linear programming models for optimal crop selection. Computers and Operations Research, 2017, 81, 26-39.	4.0	44
22	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
23	The Nurse Routing Problem with Workload Constraints and Incompatible Services. IFAC-PapersOnLine, 2016, 49, 1192-1197.	0.9	28
24	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
25	The Stochastic and Dynamic Traveling Purchaser Problem. Transportation Science, 2016, 50, 642-658.	4.4	17
26	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
27	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
28	A branchâ€andâ€cut algorithm for the multiâ€vehicle traveling purchaser problem with pairwise incompatibility constraints. Networks, 2015, 65, 139-154.	2.7	34
29	Portfolio Optimization. EURO Advanced Tutorials on Operational Research, 2015, , 1-18.	0.6	0
30	Portfolio Optimization with Other Real Features. EURO Advanced Tutorials on Operational Research, 2015, , 63-72.	0.6	2
31	Linear and Mixed Integer Programming for Portfolio Optimization. EURO Advanced Tutorials on Operational Research, 2015, , .	0.6	29
32	Rebalancing and Index Tracking. EURO Advanced Tutorials on Operational Research, 2015, , 73-86.	0.6	1
33	Portfolio Optimization with Transaction Costs. EURO Advanced Tutorials on Operational Research, 2015, , 47-62.	0.6	8
34	Linear Models for Portfolio Optimization. EURO Advanced Tutorials on Operational Research, 2015, , 19-45.	0.6	4
35	Computational Issues. EURO Advanced Tutorials on Operational Research, 2015, , 97-114.	0.6	0
36	New results for the Directed Profitable Rural Postman Problem. European Journal of Operational Research, 2014, 238, 760-773.	5.7	6

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37	The distance constrained multiple vehicle traveling purchaser problem. European Journal of Operational Research, 2014, 235, 73-87.	5.7	31
38	An effective matheuristic for the capacitated total quantity discount problem. Computers and Operations Research, 2014, 41, 1-11.	4.0	32
39	Twenty years of linear programming based portfolio optimization. European Journal of Operational Research, 2014, 234, 518-535.	5.7	162
40	CORAL: An Exact Algorithm for the Multidimensional Knapsack Problem. INFORMS Journal on Computing, 2012, 24, 399-415.	1.7	39
41	An exact algorithm for the Capacitated Total Quantity Discount Problem. European Journal of Operational Research, 2012, 222, 287-300.	5.7	40
42	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
43	The supplier selection problem with quantity discounts and truckload shipping. Omega, 2012, 40, 445-455.	5.9	72
44	Kernel Search: a new heuristic framework forÂportfolioÂselection. Computational Optimization and Applications, 2012, 51, 345-361.	1.6	52
45	Look-ahead heuristics for the dynamic traveling purchaser problem. Computers and Operations Research, 2011, 38, 1867-1876.	4.0	20
46	Kernel search: A general heuristic for the multi-dimensional knapsack problem. Computers and Operations Research, 2010, 37, 2017-2026.	4.0	102
47	Comparison of policies in dynamic routing problems. Journal of the Operational Research Society, 2010, 61, 686-695.	3.4	7
48	Modeling the Pre Auction Stage The Truckload Case. Lecture Notes in Economics and Mathematical Systems, 2009, , 219-233.	0.3	6
49	Exploring greedy criteria for the dynamic traveling purchaser problem. Central European Journal of Operations Research, 2009, 17, 141-158.	1.8	17
50	Models and Simulations for Portfolio Rebalancing. Computational Economics, 2009, 33, 237-262.	2.6	29
51	On the effectiveness of scenario generation techniques in single-period portfolio optimization. European Journal of Operational Research, 2009, 192, 500-511.	5.7	62
52	Short Term Strategies for a Dynamic Multi-Period Routing Problem. Transportation Research Part C: Emerging Technologies, 2009, 17, 106-119.	7.6	53
53	The traveling purchaser problem with budget constraint. Computers and Operations Research, 2009, 36, 2263-2274.	4.0	31
54	Effective Algorithms for a Bounded Version of the Uncapacitated TPP. Lecture Notes in Economics and Mathematical Systems, 2009, , 267-281.	0.3	1

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55	Management Policies in a Dynamic Multi Period Routing Problem. Lecture Notes in Economics and Mathematical Systems, 2009, , 1-15.	0.3	0
56	A comparison of MAD and CVaR models with real features. Journal of Banking and Finance, 2008, 32, 1188-1197.	2.9	57
57	Conditional value at risk and related linear programming models for portfolio optimization. Annals of Operations Research, 2007, 152, 227-256.	4.1	163
58	Complexity and Reducibility of the Skip Delivery Problem. Transportation Science, 2005, 39, 182-187.	4.4	40
59	An exact approach for portfolio selection with transaction costs and rounds. IIE Transactions, 2005, 37, 919-929.	2.1	53
60	A Real-time Vehicle Routing Model for a Courier Service Problem. Lecture Notes in Economics and Mathematical Systems, 2005, , 87-103.	0.3	3
61	Securitization of Financial Assets: Approximation in Theory and Practice. Computational Optimization and Applications, 2004, 29, 147-171.	1.6	2
62	Scheduling groups of tasks with precedence constraints on three dedicated processors. Discrete Applied Mathematics, 2004, 134, 141-168.	0.9	9
63	Semi-Absolute Deviation Rule for Mutual Funds Portfolio Selection. Annals of Operations Research, 2003, 124, 245-265.	4.1	43
64	LP solvable models for portfolio optimization: a classification and computational comparison. IMA Journal of Management Mathematics, 2003, 14, 187-220.	1.6	108
65	An efficient fully polynomial approximation scheme for the Subset-Sum Problem. Journal of Computer and System Sciences, 2003, 66, 349-370.	1.2	62
66	On LP Solvable Models for Portfolio Selection. Informatica, 2003, 14, 37-62.	2.7	60
67	A multidimensional knapsack model for asset-backed securitization. Journal of the Operational Research Society, 2002, 53, 822-832.	3.4	20
68	Two linear approximation algorithms for the subset-sum problem. European Journal of Operational Research, 2000, 120, 289-296.	5.7	13
69	Selecting Portfolios with Fixed Costs and Minimum Transaction Lots. Annals of Operations Research, 2000, 99, 287-304.	4.1	128
70	Heuristic algorithms for the portfolio selection problem with minimum transaction lots. European Journal of Operational Research, 1999, 114, 219-233.	5.7	219
71	A linear programming model for the separate refuse collection service. Computers and Operations Research, 1998, 25, 659-673.	4.0	25
72	An Optimization Approach for a Complex Real-Life Container Loading Problem. SSRN Electronic Journal, 0, , .	0.4	1