

Mauro Dell'Amico

List of Publications by Year in descending order

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80
papers

3,697
citations

185998

28
h-index

161609

54
g-index

80
all docs

80
docs citations

80
times ranked

2715
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact models for the flying sidekick traveling salesman problem. <i>International Transactions in Operational Research</i> , 2022, 29, 1360-1393.	1.8	27
2	Drone-assisted deliveries: new formulations for the flying sidekick traveling salesman problem. <i>Optimization Letters</i> , 2021, 15, 1617-1648.	0.9	55
3	Modeling the flying sidekick traveling salesman problem with multiple drones. <i>Networks</i> , 2021, 78, 303-327.	1.6	24
4	A Random Restart Local Search Matheuristic for the Flying Sidekick Traveling Salesman Problem. , 2021, , .		5
5	Solving a Real-Life Distributor's Pallet Loading Problem. <i>Mathematical and Computational Applications</i> , 2021, 26, 53.	0.7	4
6	Algorithms based on branch and bound for the flying sidekick traveling salesman problem. <i>Omega</i> , 2021, 104, 102493.	3.6	35
7	Machine Learning for Severity Classification of Accidents Involving Powered Two Wheelers. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 4308-4317.	4.7	17
8	A branch-and-price algorithm for the temporal bin packing problem. <i>Computers and Operations Research</i> , 2020, 114, 104825.	2.4	31
9	Scheduling jobs with release dates on identical parallel machines by minimizing the total weighted completion time. <i>Computers and Operations Research</i> , 2020, 123, 105018.	2.4	10
10	Matheuristic algorithms for the parallel drone scheduling traveling salesman problem. <i>Annals of Operations Research</i> , 2020, 289, 211-226.	2.6	53
11	On total f-domination: Polyhedral and algorithmic results. <i>Discrete Applied Mathematics</i> , 2019, 258, 97-104.	0.5	1
12	Enhanced arc-flow formulations to minimize weighted completion time on identical parallel machines. <i>European Journal of Operational Research</i> , 2019, 275, 67-79.	3.5	26
13	On f-domination: polyhedral and algorithmic results. <i>Mathematical Methods of Operations Research</i> , 2019, 90, 1-22.	0.4	3
14	Mathematical models and decomposition methods for the multiple knapsack problem. <i>European Journal of Operational Research</i> , 2019, 274, 886-899.	3.5	37
15	A Decision Support System for Earthwork Activities in Construction Logistics. <i>AIRO Springer Series</i> , 2019, , 167-178.	0.4	0
16	Forecasting Natural Gas Flows in Large Networks. <i>Lecture Notes in Computer Science</i> , 2018, , 158-171.	1.0	1
17	The Bike sharing Rebalancing Problem with Stochastic Demands. <i>Transportation Research Part B: Methodological</i> , 2018, 118, 362-380.	2.8	95
18	Scheduling cleaning activities on trains by minimizing idle times. <i>Journal of Scheduling</i> , 2017, 20, 493-506.	1.3	3

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19	Classification of Livebus arrivals user behavior. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2017, 21, 375-389.	2.6	0
20	A batching-move iterated local search algorithm for the bin packing problem with generalized precedence constraints. International Journal of Production Research, 2017, 55, 6288-6304.	4.9	13
21	A Decision Support System for Highway Construction: The Autostrada Pedemontana Lombarda. Interfaces, 2016, 46, 245-263.	1.6	4
22	An Adaptive Iterated Local Search for the Mixed Capacitated General Routing Problem. Transportation Science, 2016, 50, 1223-1238.	2.6	19
23	A destroy and repair algorithm for the Bike sharing Rebalancing Problem. Computers and Operations Research, 2016, 71, 149-162.	2.4	118
24	An analysis of drivers route choice behaviour using GPS data and optimal alternatives. Journal of Transport Geography, 2016, 51, 119-129.	2.3	45
25	Assessing the consistency between observed and modelled route choices through GPS data. , 2015, , .		3
26	Two-Phase Earthwork Optimization Model for Highway Construction. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	2.0	16
27	Optimization of a Real-World Auto-Carrier Transportation Problem. Transportation Science, 2015, 49, 402-419.	2.6	25
28	A rolling horizon algorithm for auto-carrier transportation. Transportation Research Part B: Methodological, 2015, 76, 68-80.	2.8	33
29	Bin Packing Problem With General Precedence Constraints. IFAC-PapersOnLine, 2015, 48, 2027-2029.	0.5	2
30	Friendly bin packing instances without Integer Round-up Property. Mathematical Programming, 2015, 150, 5-17.	1.6	27
31	Combinatorial Benders' Cuts for the Strip Packing Problem. Operations Research, 2014, 62, 643-661.	1.2	76
32	Lower and upper bounds for the Bin Packing Problem with Fragile Objects. Discrete Applied Mathematics, 2014, 163, 73-86.	0.5	10
33	The bike sharing rebalancing problem: Mathematical formulations and benchmark instances. Omega, 2014, 45, 7-19.	3.6	259
34	Exact algorithms for the bin packing problem with fragile objects. Discrete Optimization, 2013, 10, 210-223.	0.6	8
35	A Branch-and-Cut Algorithm for the Double Traveling Salesman Problem with Multiple Stacks. INFORMS Journal on Computing, 2013, 25, 41-55.	1.0	35
36	A note on exact and heuristic algorithms for the identical parallel machine scheduling problem. Journal of Heuristics, 2012, 18, 939-942.	1.1	1

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37	The Bin Packing Problem with Precedence Constraints. <i>Operations Research</i> , 2012, 60, 1491-1504.	1.2	31
38	Innovative Logistics Model and Containers Solution for Efficient Last Mile Delivery. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 48, 1505-1514.	0.5	51
39	Heuristic algorithms for the multi-depot ring-star problem. <i>European Journal of Operational Research</i> , 2010, 203, 270-281.	3.5	28
40	Branch-and-cut for the pickup and delivery traveling salesman problem with FIFO loading. <i>Computers and Operations Research</i> , 2010, 37, 970-980.	2.4	27
41	A subjective field test on lane departure warning function in the framework of the euroFOT project. , 2009, , .		2
42	The single-finger keyboard layout problem. <i>Computers and Operations Research</i> , 2009, 36, 3002-3012.	2.4	28
43	Assignment Problems. , 2009, , .		579
44	Shortest paths in piecewise continuous time-dependent networks. <i>Operations Research Letters</i> , 2008, 36, 688-691.	0.5	25
45	Heuristic and Exact Algorithms for the Identical Parallel Machine Scheduling Problem. <i>INFORMS Journal on Computing</i> , 2008, 20, 333-344.	1.0	52
46	The Capacitated m -Ring-Star Problem. <i>Operations Research</i> , 2007, 55, 1147-1162.	1.2	109
47	Heuristic Approaches for the Fleet Size and Mix Vehicle Routing Problem with Time Windows. <i>Transportation Science</i> , 2007, 41, 516-526.	2.6	61
48	Design of an Adaptive Feedback Based Steering Wheel. <i>Lecture Notes in Computer Science</i> , 2007, , 180-188.	1.0	0
49	A Branch-and-Price Approach to the Vehicle Routing Problem with Simultaneous Distribution and Collection. <i>Transportation Science</i> , 2006, 40, 235-247.	2.6	164
50	Lower bounds and heuristic algorithms for the k -partitioning problem. <i>European Journal of Operational Research</i> , 2006, 171, 725-742.	3.5	13
51	Solution of the SONET Ring Assignment Problem with Capacity Constraints. , 2005, , 93-116.		3
52	A note on exact algorithms for the identical parallel machine scheduling problem. <i>European Journal of Operational Research</i> , 2005, 160, 576-578.	3.5	23
53	Comparing Metaheuristic Algorithms for Sonet Network Design Problems. <i>Journal of Heuristics</i> , 2005, 11, 35-57.	1.1	21
54	Heuristic Algorithms and Scatter Search for the Cardinality Constrained P_m , C_{max} Problem. <i>Journal of Heuristics</i> , 2004, 10, 169-204.	1.1	17

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55	A Tree Partitioning Dynamic Policy for OVSF Codes Assignment in Wideband CDMA. IEEE Transactions on Wireless Communications, 2004, 3, 1013-1017.	6.1	21
56	The base-matroid and inverse combinatorial optimization problems. Discrete Applied Mathematics, 2003, 128, 337-353.	0.5	14
57	A lower bound for the non-oriented two-dimensional bin packing problem. Discrete Applied Mathematics, 2002, 118, 13-24.	0.5	51
58	A linear time algorithm for scheduling outforests with communication delays on three processors. Journal of Algorithms, 2002, 44, 287-307.	0.9	2
59	Efficient algorithms and codes for k-cardinality assignment problems. Discrete Applied Mathematics, 2001, 110, 25-40.	0.5	18
60	Bounds for the cardinality constrained P?Cmax problem. Journal of Scheduling, 2001, 4, 123-138.	1.3	28
61	Algorithms and codes for dense assignment problems: the state of the art. Discrete Applied Mathematics, 2000, 100, 17-48.	0.5	86
62	Combining Linear and Non-Linear Objectives in Spanning Tree Problems. Journal of Combinatorial Optimization, 2000, 4, 253-269.	0.8	8
63	Exact solution of the SONET Ring Loading Problem. Operations Research Letters, 1999, 25, 119-129.	0.5	34
64	Solution of the Cumulative Assignment Problem With a Well-Structured Tabu Search Method. Journal of Heuristics, 1999, 5, 123-143.	1.1	17
65	Reduction of the Three-Partition Problem. Journal of Combinatorial Optimization, 1999, 3, 17-30.	0.8	4
66	New bounds for optimum traffic assignment in satellite communication. Computers and Operations Research, 1998, 25, 729-743.	2.4	4
67	Solution of large weighted equicut problems. European Journal of Operational Research, 1998, 106, 500-521.	3.5	16
68	The k-cardinality assignment problem. Discrete Applied Mathematics, 1997, 76, 103-121.	0.5	59
69	Shop Problems With Two Machines and Time Lags. Operations Research, 1996, 44, 777-787.	1.2	67
70	Complexity of spanning tree problems with leaf-dependent objectives. Networks, 1996, 27, 175-181.	1.6	6
71	Open shop, satellite communication and a theorem by EgervÁry (1931). Operations Research Letters, 1996, 18, 207-211.	0.5	12
72	On some multicriteria arborescence problems: Complexity and algorithms. Discrete Applied Mathematics, 1996, 65, 191-206.	0.5	9

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73	A New Tabu Search Approach to the 0-1 Equicut Problem. , 1996, , 361-377.		10
74	Minimizing the sum of weighted completion times with unrestricted weights. Discrete Applied Mathematics, 1995, 63, 25-41.	0.5	3
75	Optimal Scheduling of Tasks on Identical Parallel Processors. ORSA Journal on Computing, 1995, 7, 191-200.	1.7	105
76	Algorithm 750: CDT. ACM Transactions on Mathematical Software, 1995, 21, 410-415.	1.6	20
77	Exact solution of large-scale, asymmetric traveling salesman problems. ACM Transactions on Mathematical Software, 1995, 21, 394-409.	1.6	94
78	Applying tabu search to the job-shop scheduling problem. Annals of Operations Research, 1993, 41, 231-252.	2.6	463
79	Heuristic Algorithms for the Multiple Depot Vehicle Scheduling Problem. Management Science, 1993, 39, 115-125.	2.4	79
80	A branch and bound algorithm for the multiple depot vehicle scheduling problem. Networks, 1989, 19, 531-548.	1.6	112