Fabio Furini

List of Publications by Year
in descending order

55	925	430754	501076
55	**925**	**18**	**28**
papers	citations	h-index	g-index
55	**55**	**55**	**863**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the exact separation of cover inequalities of maximum-depth. Optimization Letters, 2022, 16, 449-469.	0.9	0
2	Variable and constraint reduction techniques for the temporal bin packing problem with fire-ups. Optimization Letters, 2022, 16, 2333-2358.	0.9	5
3	A new combinatorial branch-and-bound algorithm for the Knapsack Problem with Conflicts. European Journal of Operational Research, 2021, 289, 435-455.	3.5	40
4	Preface: CTW 2018. Discrete Applied Mathematics, 2021, 296, 1.	0.5	0
5	A Branch-and-Price Framework for Decomposing Graphs into Relaxed Cliques. INFORMS Journal on Computing, 2021, 33, 1070-1090.	1.0	2
6	A new branch-and-filter exact algorithm for binary constraint satisfaction problems. European Journal of Operational Research, 2021, 299, 448-448.	3.5	2
7	A branch-and-cut algorithm for the Edge Interdiction Clique Problem. European Journal of Operational Research, 2021, 294, 54-69.	3.5	12
8	A branch-and-price algorithm for the Minimum Sum Coloring Problem. Discrete Applied Mathematics, 2021, 303, 39-56.	0.5	0
9	A branch-and-price algorithm for the temporal bin packing problem. Computers and Operations Research, 2020, 114, 104825.	2.4	31
10	On integer and bilevel formulations for the k-vertex cut problem. Mathematical Programming Computation, 2020, 12, 133-164.	3.2	14
11	Preface: decomposition methods for hard optimization problems. Annals of Operations Research, 2020, 284, 483-485.	2.6	2
12	A note on selective line-graphs and partition colorings. Operations Research Letters, 2019, 47, 565-568.	0.5	1
13	A new branch-and-bound algorithm for the Maximum Weighted Clique Problem. Computers and Operations Research, 2019, 110, 18-33.	2.4	11
14	A new branch-and-bound algorithm for the maximum edge-weighted clique problem. European Journal of Operational Research, 2019, 278, 76-90.	3.5	19
15	The maximum clique interdiction problem. European Journal of Operational Research, 2019, 277, 112-127.	3.5	28
16	A lexicographic pricer for the fractional bin packing problem. Operations Research Letters, 2019, 47, 622-628.	0.5	4
17	The vertex k-cut problem. Discrete Optimization, 2019, 31, 8-28.	0.6	9
18	Benders decomposition for very large scale partial set covering and maximal covering location problems. European Journal of Operational Research, 2019, 275, 882-896.	3.5	62

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19	Theoretical and computational study of several linearisation techniques for binary quadratic problems. Annals of Operations Research, 2019, 279, 387-411.	2.6	15
20	QPLIB: a library of quadratic programming instances. Mathematical Programming Computation, 2019, 11, 237-265.	3.2	38
21	Tighter MIP models for Barge Container Ship Routing. Omega, 2019, 82, 38-54.	3.6	23
22	An exact algorithm for the Partition Coloring Problem. Computers and Operations Research, 2018, 92, 170-181.	2.4	13
23	On the Product Knapsack Problem. Optimization Letters, 2018, 12, 691-712.	0.9	10
24	Exact approaches for the knapsack problem with setups. Computers and Operations Research, 2018, 90, 208-220.	2.4	28
25	ILP Models and Column Generation for the Minimum Sum Coloring Problem. Electronic Notes in Discrete Mathematics, 2018, 64, 215-224.	0.4	5
26	Matheuristics for the Temporal Bin Packing Problem. Operations Research/ Computer Science Interfaces Series, 2018, , 333-345.	0.3	6
27	An Improved DSATURâ€Based Branchâ€andâ€Bound Algorithm for the Vertex Coloring Problem. Networks, 2017, 69, 124-141.	1.6	11
28	An effective dynamic programming algorithm for the minimum-cost maximal knapsack packing problem. European Journal of Operational Research, 2017, 262, 438-448.	3.5	22
29	Improving the Approximated Projected Perspective Reformulation by dual information. Operations Research Letters, 2017, 45, 519-524.	0.5	11
30	Solving vertex coloring problems as maximum weight stable set problems. Discrete Applied Mathematics, 2017, 217, 151-162.	0.5	17
31	The Time Dependent Traveling Salesman Planning Problem in Controlled Airspace. Transportation Research Part B: Methodological, 2016, 90, 38-55.	2.8	23
32	Solving the Temporal Knapsack Problem via Recursive Dantzigâ€"Wolfe Reformulation. Information Processing Letters, 2016, 116, 379-386.	0.4	16
33	MIP Formulations for a Rich Real-World Lot-Sizing Problem with Setup Carryover. Lecture Notes in Computer Science, 2016, , 123-134.	1.0	0
34	Modeling Two-Dimensional Guillotine Cutting Problems via Integer Programming. INFORMS Journal on Computing, 2016, 28, 736-751.	1.0	37
35	Lower Bounding Techniques for DSATUR-based Branch and Bound. Electronic Notes in Discrete Mathematics, 2016, 52, 149-156.	0.4	3
36	Approaches to a real-world Train Timetabling Problem in a railway node. Omega, 2016, 58, 97-110.	3.6	68

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37	Approximated perspective relaxations: a project and lift approach. Computational Optimization and Applications, 2016, 63, 705-735.	0.9	27
38	Improved rolling horizon approaches to the aircraft sequencing problem. Journal of Scheduling, 2015, 18, 435-447.	1.3	55
39	Heuristic and Exact Algorithms for the Interval Min–Max Regret Knapsack Problem. INFORMS Journal on Computing, 2015, 27, 392-405.	1.0	34
40	Automatic Dantzig–Wolfe reformulation of mixed integer programs. Mathematical Programming, 2015, 149, 391-424.	1.6	37
41	ILP and CP Formulations for the Lazy Bureaucrat Problem. Lecture Notes in Computer Science, 2015, , 255-270.	1.0	2
42	Generation of Antipodal Random Vectors With Prescribed Non-Stationary 2-nd Order Statistics. IEEE Transactions on Signal Processing, 2014, 62, 1603-1612.	3.2	15
43	Mathematical formulations for the Balanced Vertex k-Separator Problem. , 2014, , .		3
44	State Space Reduced Dynamic Programming for the Aircraft Sequencing Problem with Constrained Position Shifting. Lecture Notes in Computer Science, 2014, , 267-279.	1.0	5
45	State Space Reduced Dynamic Programming for the Aircraft Sequencing Problem with Constrained Position Shifting. Lecture Notes in Computer Science, 2014, , 267-279.	1.0	3
46	A fast heuristic approach for train timetabling in a railway node. Electronic Notes in Discrete Mathematics, 2013, 41, 205-212.	0.4	6
47	Models for the two-dimensional two-stage cutting stock problem with multiple stock size. Computers and Operations Research, 2013, 40, 1953-1962.	2.4	36
48	Uncommon Dantzig-Wolfe Reformulation for the Temporal Knapsack Problem. INFORMS Journal on Computing, 2013, 25, 560-571.	1.0	23
49	Hybrid SDP Bounding Procedure. Lecture Notes in Computer Science, 2013, , 248-259.	1.0	2
50	Decomposition and reformulation of integer linear programming problems. 4or, 2012, 10, 219-220.	1.0	5
51	Exact weighted vertex coloring via branch-and-price. Discrete Optimization, 2012, 9, 130-136.	0.6	15
52	A column generation heuristic for the two-dimensional two-staged guillotine cutting stock problem with multiple stock size. European Journal of Operational Research, 2012, 218, 251-260.	3.5	42
53	Aircraft Sequencing Problems via a Rolling Horizon Algorithm. Lecture Notes in Computer Science, 2012, , 273-284.	1.0	14
54	Partial Convexification of General MIPs by Dantzig-Wolfe Reformulation. Lecture Notes in Computer Science, 2011, , 39-51.	1.0	9

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55	Casting Light on the Hidden Bilevel Combinatorial Structure of the Capacitated Vertex Separator Problem. Operations Research, 0, , .	1.2	4