

Pasquale Avella

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

966
citations

516710

16
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

783
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational study of large-scale p-Median problems. <i>Mathematical Programming</i> , 2007, 109, 89-114.	2.4	138
2	Solving a fuel delivery problem by heuristic and exact approaches. <i>European Journal of Operational Research</i> , 2004, 152, 170-179.	5.7	112
3	A cutting plane algorithm for the capacitated facility location problem. <i>Computational Optimization and Applications</i> , 2009, 43, 39-65.	1.6	84
4	A computational study of exact knapsack separation for the generalized assignment problem. <i>Computational Optimization and Applications</i> , 2010, 45, 543-555.	1.6	79
5	An aggregation heuristic for large scale p-median problem. <i>Computers and Operations Research</i> , 2012, 39, 1625-1632.	4.0	57
6	Metric inequalities and the Network Loading Problem. <i>Discrete Optimization</i> , 2007, 4, 103-114.	0.9	54
7	On the p-Median polytope. <i>Mathematical Programming</i> , 2001, 89, 395-411.	2.4	52
8	An effective heuristic for large-scale capacitated facility location problems. <i>Journal of Heuristics</i> , 2009, 15, 597-615.	1.4	44
9	A Computational Study of a Cutting Plane Algorithm for University Course Timetabling. <i>Journal of Scheduling</i> , 2005, 8, 497-514.	1.9	39
10	Single-Period Cutting Planes for Inventory Routing Problems. <i>Transportation Science</i> , 2018, 52, 497-508.	4.4	34
11	A computational study of local search algorithms for Italian high-school timetabling. <i>Journal of Heuristics</i> , 2007, 13, 543-556.	1.4	31
12	Time-Indexed Formulations for the Runway Scheduling Problem. <i>Transportation Science</i> , 2017, 51, 1196-1209.	4.4	30
13	Single-item reformulations for a vendor managed inventory routing problem: Computational experience with benchmark instances. <i>Networks</i> , 2015, 65, 129-138.	2.7	23
14	Near-Optimal Solutions of Large-Scale Single-Machine Scheduling Problems. <i>INFORMS Journal on Computing</i> , 2005, 17, 183-191.	1.7	21
15	Improving ontology alignment through memetic algorithms. , 2011, , .		21
16	Computational experience with general cutting planes for the Set Covering problem. <i>Operations Research Letters</i> , 2009, 37, 16-20.	0.7	20
17	Resource Constrained Shortest Path Problems in Path Planning for Fleet Management. <i>Mathematical Modelling and Algorithms</i> , 2004, 3, 1-17.	0.5	17
18	A Steiner arborescence model for the feeder reconfiguration in electric distribution networks. <i>European Journal of Operational Research</i> , 2005, 164, 505-509.	5.7	17

#	ARTICLE	IF	CITATIONS
19	A penalty function heuristic for the resource constrained shortest path problem. European Journal of Operational Research, 2002, 142, 221-230.	5.7	16
20	A decomposition approach for a very large scale optimal diversity management problem. 4or, 2005, 3, 23-37.	1.6	13
21	A Branch-and-Cut Algorithm for the Multilevel Generalized Assignment Problem. IEEE Access, 2013, 1, 475-479.	4.2	13
22	A Branch-and-Cut Algorithm for the Median-Path Problem. Computational Optimization and Applications, 2005, 32, 215-230.	1.6	10
23	A LP-based heuristic for a time-constrained routing problem. European Journal of Operational Research, 2006, 173, 120-124.	5.7	10
24	Computational Testing of a Separation Procedure for the Knapsack Set with a Single Continuous Variable. INFORMS Journal on Computing, 2012, 24, 165-171.	1.7	8
25	Lifted and Local Reachability Cuts for the Vehicle Routing Problem with Time Windows. Computers and Operations Research, 2013, 40, 2004-2010.	4.0	8
26	A heuristic for large-scale p-median instances. Electronic Notes in Discrete Mathematics, 2003, 13, 14-17.	0.4	7
27	A Branch-and-Cut algorithm for the Single Source Capacitated Facility Location problem. , 2013, , .		3
28	An optimization approach for congestion control in network routing with quality of service requirements. Networks, 2019, 74, 124-133.	2.7	2
29	Mixed integer lifted cover inequalities for knapsack problems with a single continuous variable. , 2013, , .		1
30	A Local Branching MIP Heuristic for a Real-World Curriculum-Based Course Timetabling Problem. Communications in Computer and Information Science, 2019, , 438-451.	0.5	1
31	Practice Summary: Solving the External Candidates Exam Schedule in Norway. INFORMS Journal on Applied Analytics, 0, , .	1.1	1