

# Pasquale Avella

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

966  
citations

586496

16  
h-index

591227

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

878  
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimization approach for congestion control in network routing with quality of service requirements. <i>Networks</i> , 2019, 74, 124-133.	1.6	2
2	A Local Branching MIP Heuristic for a Real-World Curriculum-Based Course Timetabling Problem. <i>Communications in Computer and Information Science</i> , 2019, , 438-451.	0.4	1
3	Single-Period Cutting Planes for Inventory Routing Problems. <i>Transportation Science</i> , 2018, 52, 497-508.	2.6	34
4	Time-Indexed Formulations for the Runway Scheduling Problem. <i>Transportation Science</i> , 2017, 51, 1196-1209.	2.6	30
5	Single-Item reformulations for a vendor managed inventory routing problem: Computational experience with benchmark instances. <i>Networks</i> , 2015, 65, 129-138.	1.6	23
6	Lifted and Local Reachability Cuts for the Vehicle Routing Problem with Time Windows. <i>Computers and Operations Research</i> , 2013, 40, 2004-2010.	2.4	8
7	Mixed integer lifted cover inequalities for knapsack problems with a single continuous variable. , 2013, , .		1
8	A Branch-and-Cut Algorithm for the Multilevel Generalized Assignment Problem. <i>IEEE Access</i> , 2013, 1, 475-479.	2.6	13
9	A Branch-and-Cut algorithm for the Single Source Capacitated Facility Location problem. , 2013, , .		3
10	Computational Testing of a Separation Procedure for the Knapsack Set with a Single Continuous Variable. <i>INFORMS Journal on Computing</i> , 2012, 24, 165-171.	1.0	8
11	An aggregation heuristic for large scale p-median problem. <i>Computers and Operations Research</i> , 2012, 39, 1625-1632.	2.4	57
12	Improving ontology alignment through memetic algorithms. , 2011, , .		21
13	A computational study of exact knapsack separation for the generalized assignment problem. <i>Computational Optimization and Applications</i> , 2010, 45, 543-555.	0.9	79
14	A cutting plane algorithm for the capacitated facility location problem. <i>Computational Optimization and Applications</i> , 2009, 43, 39-65.	0.9	84
15	An effective heuristic for large-scale capacitated facility location problems. <i>Journal of Heuristics</i> , 2009, 15, 597-615.	1.1	44
16	Computational experience with general cutting planes for the Set Covering problem. <i>Operations Research Letters</i> , 2009, 37, 16-20.	0.5	20
17	Metric inequalities and the Network Loading Problem. <i>Discrete Optimization</i> , 2007, 4, 103-114.	0.6	54
18	A computational study of local search algorithms for Italian high-school timetabling. <i>Journal of Heuristics</i> , 2007, 13, 543-556.	1.1	31

#	ARTICLE	IF	CITATIONS
19	Computational study of large-scale p-Median problems. <i>Mathematical Programming</i> , 2007, 109, 89-114.	1.6	138
20	A LP-based heuristic for a time-constrained routing problem. <i>European Journal of Operational Research</i> , 2006, 173, 120-124.	3.5	10
21	A Steiner arborescence model for the feeder reconfiguration in electric distribution networks. <i>European Journal of Operational Research</i> , 2005, 164, 505-509.	3.5	17
22	A decomposition approach for a very large scale optimal diversity management problem. <i>4or</i> , 2005, 3, 23-37.	1.0	13
23	A Computational Study of a Cutting Plane Algorithm for University Course Timetabling. <i>Journal of Scheduling</i> , 2005, 8, 497-514.	1.3	39
24	A Branch-and-Cut Algorithm for the Median-Path Problem. <i>Computational Optimization and Applications</i> , 2005, 32, 215-230.	0.9	10
25	Near-Optimal Solutions of Large-Scale Single-Machine Scheduling Problems. <i>INFORMS Journal on Computing</i> , 2005, 17, 183-191.	1.0	21
26	Resource Constrained Shortest Path Problems in Path Planning for Fleet Management. <i>Mathematical Modelling and Algorithms</i> , 2004, 3, 1-17.	0.5	17
27	Solving a fuel delivery problem by heuristic and exact approaches. <i>European Journal of Operational Research</i> , 2004, 152, 170-179.	3.5	112
28	A heuristic for large-scale p-median instances. <i>Electronic Notes in Discrete Mathematics</i> , 2003, 13, 14-17.	0.4	7
29	A penalty function heuristic for the resource constrained shortest path problem. <i>European Journal of Operational Research</i> , 2002, 142, 221-230.	3.5	16
30	On the p-Median polytope. <i>Mathematical Programming</i> , 2001, 89, 395-411.	1.6	52
31	Practice Summary: Solving the External Candidates Exam Schedule in Norway. <i>INFORMS Journal on Applied Analytics</i> , 0, , .	0.7	1