

Carmen GalÃ©

List of Publications by Year in descending order

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33
papers

929
citations

516561

16
h-index

454834

30
g-index

35
all docs

35
docs citations

35
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	A decision tool based on bilevel optimization for the allocation of water resources in a hierarchical system. <i>International Transactions in Operational Research</i> , 2023, 30, 1673-1702.	1.8	3
2	Approaching the Pareto Front in a Biobjective Bus Route Design Problem Dealing with Routing Cost and Individuals' Walking Distance by Using a Novel Evolutionary Algorithm. <i>Mathematics</i> , 2022, 10, 1390.	1.1	1
3	An Evolutionary Algorithm for a Bilevel Biobjective Location-Routing-Allocation Problem. <i>Computational Methods in Applied Sciences (Springer)</i> , 2021, , 17-33.	0.1	0
4	Washing Machine Dynamic Model to Prevent Tub Collision during Transient State. <i>Sensors</i> , 2020, 20, 6636.	2.1	2
5	A matheuristic for solving the bilevel approach of the facility location problem with cardinality constraints and preferences. <i>Computers and Operations Research</i> , 2020, 124, 105066.	2.4	15
6	A Partial Allocation Local Search Matheuristic for Solving the School Bus Routing Problem with Bus Stop Selection. <i>Mathematics</i> , 2020, 8, 1214.	1.1	4
7	Algorithms for Linear Bilevel Optimization. <i>Springer Optimization and Its Applications</i> , 2020, , 293-312.	0.6	2
8	The rank pricing problem: Models and branch-and-cut algorithms. <i>Computers and Operations Research</i> , 2019, 105, 12-31.	2.4	9
9	A matheuristic for the two-stage fixed-charge transportation problem. <i>Computers and Operations Research</i> , 2018, 95, 113-122.	2.4	22
10	Integrated Supply Chain Planning: A Review. <i>Lecture Notes in Business Information Processing</i> , 2016, , 92-103.	0.8	5
11	An improved evolutionary algorithm for the two-stage transportation problem with fixed charge at depots. <i>OR Spectrum</i> , 2016, 38, 189-206.	2.1	17
12	MEALS: A multiobjective evolutionary algorithm with local search for solving the bi-objective ring star problem. <i>European Journal of Operational Research</i> , 2016, 250, 377-388.	3.5	10
13	Planning of a decentralized distribution network using bilevel optimization. <i>Omega</i> , 2014, 49, 30-41.	3.6	43
14	An efficient evolutionary algorithm for the ring star problem. <i>European Journal of Operational Research</i> , 2013, 231, 22-33.	3.5	26
15	Bilevel problems over polyhedra with extreme point optimal solutions. <i>Journal of Global Optimization</i> , 2012, 53, 573-586.	1.1	15
16	Linear bilevel programming with interval coefficients. <i>Journal of Computational and Applied Mathematics</i> , 2012, 236, 3751-3762.	1.1	38
17	Ant Colony Optimization for Solving the Vehicle Routing Problem with Delivery Preferences. <i>Lecture Notes in Business Information Processing</i> , 2012, , 230-239.	0.8	1
18	On linear bilevel problems with multiple objectives at the lower level. <i>Omega</i> , 2011, 39, 33-40.	3.6	54

#	ARTICLE	IF	CITATIONS
19	Bilevel model for production–distribution planning solved by using ant colony optimization. Computers and Operations Research, 2011, 38, 320-327.	2.4	130
20	Linear bilevel programs with multiple objectives at the upper level. Journal of Computational and Applied Mathematics, 2010, 234, 950-959.	1.1	40
21	A Multiobjective Bilevel Program for Production-Distribution Planning in a Supply Chain. Lecture Notes in Economics and Mathematical Systems, 2010, , 155-165.	0.3	17
22	A genetic algorithm for solving linear fractional bilevel problems. Annals of Operations Research, 2009, 166, 39-56.	2.6	25
23	A new approach for solving linear bilevel problems using genetic algorithms. European Journal of Operational Research, 2008, 188, 14-28.	3.5	136
24	Bilevel multiplicative problems: A penalty approach to optimality and a cutting plane based algorithm. Journal of Computational and Applied Mathematics, 2008, 218, 259-269.	1.1	13
25	Linear bilevel multi-follower programming with independent followers. Journal of Global Optimization, 2007, 39, 409-417.	1.1	53
26	A goal programming approach to vehicle routing problems with soft time windows. European Journal of Operational Research, 2007, 177, 1720-1733.	3.5	107
27	A PENALTY METHOD FOR SOLVING BILEVEL LINEAR FRACTIONAL/LINEAR PROGRAMMING PROBLEMS. Asia-Pacific Journal of Operational Research, 2004, 21, 207-224.	0.9	6
28	A note on “bilevel linear fractional programming problem”™. European Journal of Operational Research, 2004, 152, 296-299.	3.5	24
29	Solving linear fractional bilevel programs. Operations Research Letters, 2004, 32, 143-151.	0.5	22
30	Bilevel Fractional Programming. , 2001, , 135-137.		4
31	The bilevel linear/linear fractional programming problem. European Journal of Operational Research, 1999, 114, 188-197.	3.5	37
32	On the Quasiconcave Bilevel Programming Problem. Journal of Optimization Theory and Applications, 1998, 98, 613-622.	0.8	34
33	The school bus routing problem with student choice: a bilevel approach and a simple and effective metaheuristic. International Transactions in Operational Research, 0, , .	1.8	5