Carmen Galé

List of Publications by Year
in descending order

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 new approach for solving linear bilevel problems using genetic algorithms. European Journal of Operational Research, 2008, 188, 14-28.	3.5	136
2	Bilevel model for productionâ€"distribution planning solved by using ant colony optimization. Computers and Operations Research, 2011, 38, 320-327.	2.4	130
3	A goal programming approach to vehicle routing problems with soft time windows. European Journal of Operational Research, 2007, 177, 1720-1733.	3.5	107
4	On linear bilevel problems with multiple objectives at the lower level. Omega, 2011, 39, 33-40.	3.6	54
5	Linear bilevel multi-follower programming with independent followers. Journal of Global Optimization, 2007, 39, 409-417.	1.1	53
6	Planning of a decentralized distribution network using bilevel optimization. Omega, 2014, 49, 30-41.	3.6	43
7	Linear bilevel programs with multiple objectives at the upper level. Journal of Computational and Applied Mathematics, 2010, 234, 950-959.	1.1	40
8	Linear bilevel programming with interval coefficients. Journal of Computational and Applied Mathematics, 2012, 236, 3751-3762.	1.1	38
9	The bilevel linear/linear fractional programming problem. European Journal of Operational Research, 1999, 114, 188-197.	3.5	37
10	On the Quasiconcave Bilevel Programming Problem. Journal of Optimization Theory and Applications, 1998, 98, 613-622.	0.8	34
11	An efficient evolutionary algorithm for the ring star problem. European Journal of Operational Research, 2013, 231, 22-33.	3.5	26
12	A genetic algorithm for solving linear fractional bilevel problems. Annals of Operations Research, 2009, 166, 39-56.	2.6	25
13	A note on â€˜bilevel linear fractional programming problemâ€™. European Journal of Operational Research, 2004, 152, 296-299.	3.5	24
14	Solving linear fractional bilevel programs. Operations Research Letters, 2004, 32, 143-151.	0.5	22
15	A matheuristic for the two-stage fixed-charge transportation problem. Computers and Operations Research, 2018, 95, 113-122.	2.4	22
16	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
17	An improved evolutionary algorithm for the two-stage transportation problem with fixed charge at depots. OR Spectrum, 2016, 38, 189-206.	2.1	17
18	Bilevel problems over polyhedra with extreme point optimal solutions. Journal of Global Optimization, 2012, 53, 573-586.	1.1	15

#	Article	IF	Citations
19	A matheuristic for solving the bilevel approach of the facility location problem with cardinality constraints and preferences. Computers and Operations Research, 2020, 124, 105066.	2.4	15
20	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
21	MEALS: A multiobjective evolutionary algorithm with local search for solving the bi-objective ring star problem. European Journal of Operational Research, 2016, 250, 377-388.	3.5	10
22	The rank pricing problem: Models and branch-and-cut algorithms. Computers and Operations Research, 2019, 105, 12-31.	2.4	9
23	A PENALTY METHOD FOR SOLVING BILEVEL LINEAR FRACTIONAL/LINEAR PROGRAMMING PROBLEMS. Asia-Pacific Journal of Operational Research, 2004, 21, 207-224.	0.9	6
24	Integrated Supply Chain Planning: A Review. Lecture Notes in Business Information Processing, 2016, , 92-103.	0.8	5
25	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
26	A Partial Allocation Local Search Matheuristic for Solving the School Bus Routing Problem with Bus Stop Selection. Mathematics, 2020, 8, 1214.	1.1	4
27	Bilevel Fractional Programming. , 2001, , 135-137.		4
28	A decision tool based on bilevel optimization for the allocation of water resources in a hierarchical system. International Transactions in Operational Research, 2023, 30, 1673-1702.	1.8	3
29	Washing Machine Dynamic Model to Prevent Tub Collision during Transient State. Sensors, 2020, 20, 6636.	2.1	2
30	Algorithms for Linear Bilevel Optimization. Springer Optimization and Its Applications, 2020, , 293-312.	0.6	2
31	Ant Colony Optimization for Solving the Vehicle Routing Problem with Delivery Preferences. Lecture Notes in Business Information Processing, 2012, , 230-239.	0.8	1
32	Approaching the Pareto Front in a Biobjective Bus Route Design Problem Dealing with Routing Cost and Individualsâ€™ Walking Distance by Using a Novel Evolutionary Algorithm. Mathematics, 2022, 10, 1390.	1.1	1
33	An Evolutionary Algorithm for a Bilevel Biobjective Location-Routing-Allocation Problem. Computational Methods in Applied Sciences (Springer), 2021, , 17-33.	0.1	0