Dolores Romero-Morales

List of Publications by Citations

48 papers	687 citations	14 h-index	24 g-index
50 ext. papers	817 ext. citations	3.6 avg, IF	4.43 L-index

#	Paper	IF	Citations
48	Supervised classification and mathematical optimization. *Computers and Operations Research*, **2013**, 40, 150-165	4.6	82
47	Integrated Lot Sizing in Serial Supply Chains with Production Capacities. *Management Science*, **2005**, 51, 1706-1719	3.9	62
46	A class of greedy algorithms for the generalized assignment problem. *Discrete Applied Mathematics* , **2000**, 103, 209-235	1	53
45	Forecasting cancellation rates for services booking revenue management using data mining. *European Journal of Operational Research*, **2010**, 202, 554-562	5.6	47
44	A Branch-and-Price Algorithm for the Multiperiod Single-Sourcing Problem. *Operations Research*, **2003**, 51, 922-939	2.3	35
43	Semi-obnoxious location models: A global optimization approach. *European Journal of Operational Research*, **1997**, 102, 295-301	5.6	31
42	A Heuristic Approach to the Multi-Period Single-Sourcing Problem with Production and Inventory Capacities and Perishability Constraints. *INFORMS Journal on Computing*, **2007**, 19, 14-26	2.4	28
41	Binarized Support Vector Machines. *INFORMS Journal on Computing*, **2010**, 22, 154-167	2.4	27
40	Detecting relevant variables and interactions in supervised classification. *European Journal of Operational Research*, **2011**, 213, 260-269	5.6	26
39	A nested heuristic for parameter tuning in Support Vector Machines. *Computers and Operations Research*, **2014**, 43, 328-334	4.6	22
38	Multi-group support vector machines with measurement costs: A biobjective approach. *Discrete Applied Mathematics*, **2008**, 156, 950-966	1	16
37	Mathematical optimization in classification and regression trees. *Top*, **2021**, 29, 5-33	1.3	16
36	Clustering categories in support vector machines. *Omega*, **2017**, 66, 28-37	7.2	15
35	Strongly agree or strongly disagree?: Rating features in Support Vector Machines. *Information Sciences*, **2016**, 329, 256-273	7.7	14
34	An SDP approach for multiperiod mixed 0–1 linear programming models with stochastic dominance constraints for risk management. *Computers and Operations Research*, **2015**, 58, 32-40	4.6	14
33	A probabilistic analysis of the multi-period single-sourcing problem. *Discrete Applied Mathematics*, **2001**, 112, 301-328	1	14
32	On the time-consistent stochastic dominance risk averse measure for tactical supply chain planning under uncertainty. *Computers and Operations Research*, **2018**, 100, 270-286	4.6	13

31	Combining Minsum And Minmax: A Goal Programming Approach. *Operations Research*, **2001**, 49, 169-174	2.3	12
30	Sparsity in optimal randomized classification trees. *European Journal of Operational Research*, **2020**, 284, 255-272	5.6	12
29	Visualizing data as objects by DC (difference of convex) optimization. *Mathematical Programming*, **2018**, 169, 119-140	2.1	11
28	Expected Future Value Decomposition Based Bid Price Generation for Large-Scale Network Revenue Management. *Transportation Science*, **2013**, 47, 181-197	4.4	11
27	An asymptotically optimal greedy heuristic for the multiperiod single-sourcing problem: The cyclic case. *Naval Research Logistics*, **2003**, 50, 412-437	1.5	11
26	Generating Experimental Data for the Generalized Assignment Problem. *Operations Research*, **2001** , 49, 866-878	2.3	11
25	On solving the multi-period single-sourcing problem under uncertainty. *Computational Management Science*, **2006**, 3, 29-53	1	10
24	Visualizing proportions and dissimilarities by Space-filling maps: A Large Neighborhood Search approach. *Computers and Operations Research*, **2017**, 78, 369-380	4.6	9
23	On the Selection of the Globally Optimal Prototype Subset for Nearest-Neighbor Classification. *INFORMS Journal on Computing*, **2007**, 19, 470-479	2.4	9
22	Optimal randomized classification trees. *Computers and Operations Research*, **2021**, 132, 105281	4.6	9
21	Asymptotic Analysis of a Greedy Heuristic for the Multi-Period Single-Sourcing Problem: The Acyclic Case. *Journal of Heuristics*, **2004**, 10, 5-35	1.9	8
20	Revenue deficiency under second-price auctions in a supply-chain setting. *European Journal of Operational Research*, **2014**, 233, 131-144	5.6	6
19	Feature Selection in Data Envelopment Analysis: A Mathematical Optimization approach. *Omega*, **2020**, 96, 102068	7.2	6
18	On Mathematical Optimization for the visualization of frequencies and adjacencies as rectangular maps. *European Journal of Operational Research*, **2018**, 265, 290-302	5.6	6
17	Computational complexity of finding Pareto efficient outcomes for biobjective lot-sizing models. *Naval Research Logistics*, **2014**, 61, 386-402	1.5	5
16	Heuristic approaches for support vector machines with the ramp loss. *Optimization Letters*, **2014**, 8, 1125-1135	1.3	5
15	The Generalized Assignment Problem and Extensions **2004**, 259-311		5
14	Location of a Semiobnoxious Facility. A Biobjective Approach. *Lecture Notes in Economics and Mathematical Systems*, **1997**, 338-346	0.4	4

13	A biobjective method for sample allocation in stratified sampling. *European Journal of Operational Research*, **2007**, 177, 1074-1089	5.6	4
12	On Building Online Visualization Maps for News Data Streams by Means of Mathematical Optimization. *Big Data*, **2018**, 6, 139-158	3.1	4
11	On sparse ensemble methods: An application to short-term predictions of the evolution of COVID-19. *European Journal of Operational Research*, **2021**,	5.6	3
10	Existence of equilibria in a decentralized two-level supply chain. *European Journal of Operational Research*, **2009**, 197, 642-658	5.6	2
9	Logistics Network Design Evaluation in a Dynamic Environment. *Lecture Notes in Economics and Mathematical Systems*, **1999**, 113-135	0.4	2
8	Enhancing Interpretability in Factor Analysis by Means of Mathematical Optimization. *Multivariate Behavioral Research*, **2020**, 55, 748-762	2.3	2
7	Visualization of complex dynamic datasets by means of mathematical optimization. *Omega*, **2019**, 86, 125-136	7.2	2
6	On clustering categories of categorical predictors in generalized linear models. *Expert Systems With Applications*, **2021**, 182, 115245	7.8	2
5	Interpreting clusters via prototype optimization. *Omega*, **2021**, 107, 102543	7.2	1
4	On sparse optimal regression trees. *European Journal of Operational Research*, **2022**, 299, 1045-1054	5.6	0
3	The tree based linear regression model for hierarchical categorical variables. *Expert Systems With Applications*, **2022**, 203, 117423	7.8	0
2	Note on the applicability of the VCG mechanism to capacitated assignment problems and extensions. *Statistica Neerlandica*, **2007**, 61, 156-171	0.9	
1	D. Romero Morales. *Top*, **2005**, 13, 67-69	1.3	