

# Begoña Vitoriano

## List of Publications by Year in descending order

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36  
papers

936  
citations

623734  
14  
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454955  
30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-criteria optimization model for humanitarian aid distribution. Journal of Global Optimization, 2011, 51, 189-208.	1.8	218
2	A hierarchical compromise model for the joint optimization of recovery operations and distribution of emergency goods in Humanitarian Logistics. Computers and Operations Research, 2014, 42, 3-13.	4.0	145
3	Multi-criteria optimization for last mile distribution of disaster relief aid: Test cases and applications. European Journal of Operational Research, 2018, 269, 501-515.	5.7	89
4	Predictive Traffic Regulation for Metro Loop Lines Based on Quadratic Programming. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2006, 220, 79-89.	2.0	58
5	A lexicographical goal programming based decision support system for logistics of Humanitarian Aid. Top, 2011, 19, 464-479.	1.6	56
6	Extended interval goal programming. Journal of the Operational Research Society, 1999, 50, 1280-1283.	3.4	40
7	A general methodology for data-based rule building and its application to natural disaster management. Computers and Operations Research, 2012, 39, 863-873.	4.0	37
8	HADS, a goal programming-based humanitarian aid distribution system. Journal of Multi-Criteria Decision Analysis, 2009, 16, 55-64.	1.9	29
9	Two alternative models for farm management: Discrete versus continuous time horizon. European Journal of Operational Research, 2003, 144, 613-628.	5.7	26
10	A disaster-severity assessment DSS comparative analysis. OR Spectrum, 2011, 33, 451-479.	3.4	25
11	A natural-disaster management DSS for Humanitarian Non-Governmental Organisations. Knowledge-Based Systems, 2010, 23, 17-22.	7.1	23
12	Multicriteria optimization approach to deploy humanitarian logistic operations integrally during floods. International Transactions in Operational Research, 2018, 25, 1053-1079.	2.7	22
13	Intelligent Decision-Making Models for Disaster Management. Human and Ecological Risk Assessment (HERA), 2015, 21, 1341-1360.	3.4	16
14	Design of maintenance structures for rural electrification with solar home systems. The case of the Moroccan program. Energy, 2016, 117, 47-57.	8.8	16
15	A lexicographical dynamic flow model for relief operations. International Journal of Computational Intelligence Systems, 2014, 7, 45.	2.7	15
16	A goal programming approach for farm planning with resources dimensionality. Annals of Operations Research, 2011, 190, 181-199.	4.1	14
17	An optimization-based conjectured supply function equilibrium model for network constrained electricity markets. Journal of the Operational Research Society, 2009, 60, 1719-1729.	3.4	13
18	Operations Research and Enterprise Systems. Communications in Computer and Information Science, 2015, , .	0.5	11

#	ARTICLE	IF	CITATIONS
19	A Mathematical Pre-Disaster Model with Uncertainty and Multiple Criteria for Facility Location and Network Fortification. Mathematics, 2020, 8, 529.	2.2	9
20	Supported Evacuation for Disaster Relief through Lexicographic Goal Programming. Mathematics, 2020, 8, 648.	2.2	9
21	A simulation approach to reliability analysis of weapon systems. European Journal of Operational Research, 1997, 100, 216-224.	5.7	8
22	Probability-Based Wildfire Risk Measure for Decision-Making. Mathematics, 2020, 8, 557.	2.2	8
23	A methodology for designing electrification programs for remote areas. Central European Journal of Operations Research, 2020, 28, 1265-1290.	1.8	6
24	Statistical dwell time model for metro lines. WIT Transactions on the Built Environment, 2007, , .	0.0	6
25	Editorial: OR for sustainable development. Central European Journal of Operations Research, 2020, 28, 1179-1186.	1.8	5
26	A computational definition of aggregation rules. , 2010, , .		4
27	Rule-based classification by means of bipolar criteria. , 2011, , .		4
28	A Goal Programming Model for Rescheduling of Generation Power in Deregulated Markets. Annals of Operations Research, 2003, 120, 45-57.	4.1	3
29	Evaluation of full and degraded mission reliability and mission dependability for intermittently operated, multi-functional systems. Reliability Engineering and System Safety, 2007, 92, 1274-1280.	8.9	3
30	A Risk-Aversion Approach for the Multiobjective Stochastic Programming Problem. Mathematics, 2020, 8, 2026.	2.2	3
31	Fuel management operations planning in fire management: A bilevel optimisation approach. Safety Science, 2021, 137, 105181.	4.9	3
32	A DECISION SUPPORT TOOL FOR HUMANITARIAN OPERATIONS IN NATURAL DISASTER RELIEF. , 2008, , .		3
33	Humanitarian Logistics. , 2017, , 745-772.		2
34	Modelling bipolar multicriteria decision making. , 2009, , .		1
35	Fuzzy Dissimilarity-Based Classification for Disaster Initial Assessment. , 2013, , .		1
36	DISSIMILARITY-BASED BIPOLAR SUPERVISED CLASSIFICATION. World Scientific Proceedings Series on Computer Engineering and Information Science, 2012, , 894-899.	0.1	0