BegoÃ±a Vitoriano

List of Publications by Year
in descending order

36 papers	936 citations	623734 14 h-index	454955 30 g-index
39 all docs	39 docs citations	39 times ranked	717 citing authors

#	Article	IF	Citations
1	Fuel management operations planning in fire management: A bilevel optimisation approach. Safety Science, 2021, 137, 105181.	4.9	3
2	A methodology for designing electrification programs for remote areas. Central European Journal of Operations Research, 2020, 28, 1265-1290.	1.8	6
3	Editorial: OR for sustainable development. Central European Journal of Operations Research, 2020, 28, 1179-1186.	1.8	5
4	A Risk-Aversion Approach for the Multiobjective Stochastic Programming Problem. Mathematics, 2020, 8, 2026.	2.2	3
5	A Mathematical Pre-Disaster Model with Uncertainty and Multiple Criteria for Facility Location and Network Fortification. Mathematics, 2020, 8, 529.	2.2	9
6	Probability-Based Wildfire Risk Measure for Decision-Making. Mathematics, 2020, 8, 557.	2.2	8
7	Supported Evacuation for Disaster Relief through Lexicographic Goal Programming. Mathematics, 2020, 8, 648.	2.2	9
8	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
9	Multicriteria optimization approach to deploy humanitarian logistic operations integrally during floods. International Transactions in Operational Research, 2018, 25, 1053-1079.	2.7	22
10	Humanitarian Logistics. , 2017, , 745-772.		2
11	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
12	Operations Research and Enterprise Systems. Communications in Computer and Information Science, 2015, , .	0.5	11
13	Intelligent Decision-Making Models for Disaster Management. Human and Ecological Risk Assessment (HERA), 2015, 21, 1341-1360.	3.4	16
14	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
15	A lexicographical dynamic flow model for relief operations. International Journal of Computational Intelligence Systems, 2014, 7, 45.	2.7	15
16	Fuzzy Dissimilarity-Based Classification for Disaster Initial Assessment. , 2013, , .		1
17	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
18	DISSIMILARITY-BASED BIPOLAR SUPERVISED CLASSIFICATION. World Scientific Proceedings Series on Computer Engingeering and Information Science, 2012, , 894-899.	0.1	0

#	Article	IF	Citations
19	Rule-based classification by means of bipolar criteria. , 2011, , .		4
20	A multi-criteria optimization model for humanitarian aid distribution. Journal of Global Optimization, 2011, 51, 189-208.	1.8	218
21	A goal programming approach for farm planning withÂresources dimensionality. Annals of Operations Research, 2011, 190, 181-199.	4.1	14
22	A disaster-severity assessment DSS comparative analysis. OR Spectrum, 2011, 33, 451-479.	3.4	25
23	A lexicographical goal programming based decision support system for logistics of Humanitarian Aid. Top, 2011, 19, 464-479.	1.6	56
24	A natural-disaster management DSS for Humanitarian Non-Governmental Organisations. Knowledge-Based Systems, 2010, 23, 17-22.	7.1	23
25	A computational definition of aggregation rules. , 2010, , .		4
26	Modelling bipolar multicriteria decision making. , 2009, , .		1
27	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
28	HADS, a goal programmingâ€based humanitarian aid distribution system. Journal of Multi-Criteria Decision Analysis, 2009, 16, 55-64.	1.9	29
29	A DECISION SUPPORT TOOL FOR HUMANITARIAN OPERATIONS IN NATURAL DISASTER RELIEF. , 2008, , .		3
30	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
31	Statistical dwell time model for metro lines. WIT Transactions on the Built Environment, 2007, , .	0.0	6
32	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
33	A Goal Programming Model for Rescheduling of Generation Power in Deregulated Markets. Annals of Operations Research, 2003, 120, 45-57.	4.1	3
34	Two alternative models for farm management: Discrete versus continuous time horizon. European Journal of Operational Research, 2003, 144, 613-628.	5.7	26
35	Extended interval goal programming. Journal of the Operational Research Society, 1999, 50, 1280-1283.	3.4	40
36	A simulation approach to reliability analysis of weapon systems. European Journal of Operational Research, 1997, 100, 216-224.	5.7	8