Maria Gloria Fiestras-Janeiro

List of Publications by Year
in descending order

56 papers	789 citations	687363 13 h-index	580821 25 g-index
56 all docs	56 docs citations	56 times ranked	542 citing authors

#	Article	IF	Citations
1	Cooperative game theory and inventory management. European Journal of Operational Research, 2011, 210, 459-466.	5.7	107
2	Modification of the Banzhaf Value for Games with a Coalition Structure. Annals of Operations Research, 2002, 109, 213-227.	4.1	70
3	Comparison of Several Insulin Sensitivity Indices Derived from Basal Plasma Insulin and Glucose Levels with Minimal Model Indices. Hormone and Metabolic Research, 2003, 35, 13-17.	1.5	63
4	A comparative axiomatic characterization of the Banzhafâ€“Owen coalitional value. Decision Support Systems, 2007, 43, 701-712.	5.9	57
5	On the convexity of games corresponding to sequencing situations with due dates. European Journal of Operational Research, 2002, 136, 616-634.	5.7	50
6	Cooperative games and cost allocation problems. Top, 2011, 19, 1-22.	1.6	47
7	Analysis of the relationship between body mass index, insulin resistance, and beta-cell function: A cross-sectional study using the minimal model. Metabolism: Clinical and Experimental, 2004, 53, 1462-1466.	3.4	33
8	Cooperation in Markovian queueing models. European Journal of Operational Research, 2008, 188, 485-495.	5.7	27
9	The Banzhaf value and communication situations. Naval Research Logistics, 2006, 53, 198-203.	2.2	25
10	Values of games with graph restricted communication and a priori unions. Mathematical Social Sciences, 2009, 58, 202-213.	0.5	25
11	Characterizations of the Deeganâ€“Packel and Johnston power indices. European Journal of Operational Research, 2007, 177, 431-444.	5.7	24
12	Fuzzy expert system for economic zonation of an ornamental slate deposit. Engineering Geology, 2006, 84, 220-228.	6.3	20
13	Cooperation on capacitated inventory situations with fixed holding costs. European Journal of Operational Research, 2015, 241, 719-726.	5.7	16
14	Multivariate statistical analysis of precipitation chemistry in northwestern Spain. Water, Air, and Soil Pollution, 1993, 69, 37-55.	2.4	14
15	Competition and Cooperation in Non-Centralized Linear Production Games. Annals of Operations Research, 2005, 137, 91-100.	4.1	14
16	The Multilinear Extension and the Symmetric Coalition Banzhaf Value. Theory and Decision, 2005, 59, 111-126.	1.0	14
17	Axiomatizations of public good indices with a priori unions. Social Choice and Welfare, 2010, 35, 517-533.	0.8	12
18	Cost allocation in inventory transportation systems. Top, 2012, 20, 397-410.	1.6	12

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19	Computing Banzhafâ€“Coleman and Shapleyâ€“Shubik power indices with incompatible players. Applied Mathematics and Computation, 2015, 252, 377-387.	2.2	10
20	Manipulation of optimal matchings via predonation of endowment. Mathematical Social Sciences, 2004, 47, 295-312.	0.5	9
21	A note on coalitional manipulation and centralized inventory management. Annals of Operations Research, 2008, 158, 183-188.	4.1	9
22	Protective and Prudent Behaviour in Games. Journal of Economic Theory, 1998, 78, 167-175.	1.1	8
23	The Deeganâ€“Packel index for simple games with a priori unions. Quality and Quantity, 2011, 45, 425-439.	3.7	8
24	A bankruptcy approach to the core cover. Mathematical Methods of Operations Research, 2012, 76, 343-359.	1.0	8
25	The least square nucleolus is a normalized Banzhaf value. Optimization Letters, 2015, 9, 1393-1399.	1.6	8
26	A New Power Index for Spatial Games. Understanding Complex Systems, 2011, , 275-285.	0.6	8
27	Centralized inventory in a farming community. Journal of Business Economics, 2014, 84, 983-997.	1.9	7
28	Sampling methods to estimate the Banzhafâ€“Owen value. Annals of Operations Research, 2021, 301, 199-223.	4.1	7
29	Notes on a comment on 2-efficiency and the Banzhaf value. Applied Mathematics Letters, 2012, 25, 1098-1100.	2.7	6
30	A new cost allocation rule for inventory transportation systems. Operations Research Letters, 2013, 41, 449-453.	0.7	6
31	Some structural properties of a lattice of embedded coalitions. International Journal of General Systems, 2017, 46, 123-143.	2.5	6
32	A Review of Some Recent Results on Power Indices. , 2013, , 231-245.		6
33	A solution for bargaining problems with coalition structure. Mathematical Social Sciences, 2007, 54, 35-58.	0.5	5
34	A precedence constraint value revisited. Top, 2016, 24, 156-179.	1.6	5
35	Power Indices and Minimal Winning Coalitions for Simple Games in Partition Function Form. Group Decision and Negotiation, 2017, 26, 1231-1245.	3.3	5
36	On Properness and Protectiveness in Two-Person Multicriteria Games. Journal of Optimization Theory and Applications, 2009, 140, 499-512.	1.5	4

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37	Cooperative Games and Coalition Cohesion Indices: The Choquetâ€“Owen Value. IEEE Transactions on Fuzzy Systems, 2016, 24, 444-455.	9.8	4
38	Complete null agent for games with externalities. Expert Systems With Applications, 2019, 135, 1-11.	7.6	4
39	Dependence between fusion temperatures and chemical components of a certain type of coal using classical, non-parametric and bootstrap techniques. Journal of Chemometrics, 1990, 4, 429-439.	1.3	3
40	The Concept of Proper Solution in Linear Programming. Journal of Optimization Theory and Applications, 2000, 106, 511-525.	1.5	3
41	Sequencing situations and games with non-linear cost functions under optimal order consistency. European Journal of Operational Research, 2021, 294, 734-745.	5.7	3
42	Analysis of the impact of DMUs on the overall efficiency in the event of a merger. Expert Systems With Applications, 2022, 195, 116571.	7.6	3
43	Characterizing cautious choice. Mathematical Social Sciences, 2008, 55, 143-155.	0.5	2
44	Transfers, contracts and strategic games. Top, 2010, 18, 481-492.	1.6	2
45	On benefits of cooperation under strategic power. Annals of Operations Research, 2020, 288, 285-306.	4.1	2
46	On convexity in cooperative games with externalities. Economic Theory, 2022, 74, 265-292.	0.9	2
47	Perfectly almost strict equilibria for finite games in strategic form. Mathematical Social Sciences, 1997, 33, 269-276.	0.5	1
48	Insulin resistance in essential hypertension: a conflictive point of view. Diabetic Medicine, 2003, 20, 1035-1035.	2.3	1
49	$$k$$ k -core covers and the core. Mathematical Methods of Operations Research, 2015, 81, 147-167.	1.0	1
50	On the 1-nucleolus. Mathematical Methods of Operations Research, 2017, 86, 309-329.	1.0	1
51	On coalition formation in a non-convex multi-agent inventory problem. Annals of Operations Research, 2018, 261, 255-273.	4.1	1
52	Marginality and convexity in partition function form games. Mathematical Methods of Operations Research, 2021, 94, 99-121.	1.0	1
53	On Properties of Several Refinements of Optimal Solutions in Linear Programming. Journal of Optimization Theory and Applications, 2004, 122, 41-62.	1.5	0
54	Competitive environments and protective behavior. Games and Economic Behavior, 2009, 67, 245-252.	0.8	0

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55	Cost sharing in distribution problems for franchise operations. , 2010, , .		0
56	Rejoinder on: Cooperative games and cost allocation problems. Top, 2011, 19, 33-34.	1.6	0