

Encarnaci3n Algaba

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,163
citations

471509

17
h-index

414414

32
g-index

52
all docs

52
docs citations

52
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative game theory approach to allocating benefits of horizontal cooperation. <i>European Journal of Operational Research</i> , 2013, 229, 444-452.	5.7	230
2	Design and analysis of demand-adapted railway timetables. <i>Journal of Advanced Transportation</i> , 2014, 48, 119-137.	1.7	102
3	Cooperative games on antimatroids. <i>Discrete Mathematics</i> , 2004, 282, 1-15.	0.7	84
4	A coalitional control scheme with applications to cooperative game theory. <i>Optimal Control Applications and Methods</i> , 2014, 35, 592-608.	2.1	69
5	The Myerson value for union stable structures. <i>Mathematical Methods of Operations Research</i> , 2001, 54, 359-371.	1.0	58
6	The position value for union stable systems. <i>Mathematical Methods of Operations Research</i> , 2000, 52, 221-236.	1.0	48
7	Computing power indices in weighted multiple majority games. <i>Mathematical Social Sciences</i> , 2003, 46, 63-80.	0.5	48
8	Axiomatizations of the Shapley value for cooperative games on antimatroids. <i>Mathematical Methods of Operations Research</i> , 2003, 57, 49-65.	1.0	47
9	Networked control design for coalitional schemes using game-theoretic methods. <i>Automatica</i> , 2017, 78, 320-332.	5.0	40
10	The distribution of power in the European Constitution. <i>European Journal of Operational Research</i> , 2007, 176, 1752-1766.	5.7	35
11	Horizontal cooperation in a multimodal public transport system: The profit allocation problem. <i>European Journal of Operational Research</i> , 2019, 275, 659-665.	5.7	33
12	Optimal Train Reallocation Strategies under Service Disruptions. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 54, 402-413.	0.5	27
13	A unified approach to restricted games. <i>Theory and Decision</i> , 2001, 50, 333-345.	1.0	25
14	Generating Functions for Computing the Myerson Value. <i>Annals of Operations Research</i> , 2002, 109, 143-158.	4.1	25
15	An axiomatization of the Banzhaf value for cooperative games on antimatroids. <i>Mathematical Methods of Operations Research</i> , 2004, 59, 147-166.	1.0	23
16	An Iterative Design Method for Coalitional Control Networks with Constraints on the Shapley Value. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 1188-1193.	0.4	19
17	Confrontation of Different Objectives in the determination of train scheduling. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 20, 302-312.	0.5	17
18	The Banzhaf value as a design tool in coalitional control. <i>Systems and Control Letters</i> , 2017, 104, 21-30.	2.3	16

#	ARTICLE	IF	CITATIONS
19	A Game Theoretical Randomized Method for Large-Scale Systems Partitioning. IEEE Access, 2018, 6, 42245-42263.	4.2	16
20	Harsanyi power solutions for games on union stable systems. Annals of Operations Research, 2015, 225, 27-44.	4.1	15
21	A methodology for schedule-based paths recommendation in multimodal public transportation networks. Journal of Advanced Transportation, 2013, 47, 319-335.	1.7	13
22	A Value for Games Restricted by Augmenting Systems. SIAM Journal on Discrete Mathematics, 2010, 24, 992-1010.	0.8	12
23	An application of Cooperative Game Theory to Distributed Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 9121-9126.	0.4	12
24	Macroscopic attraction-based simulation of pedestrian mobility: A dynamic individual route-choice approach. European Journal of Operational Research, 2013, 231, 428-442.	5.7	12
25	An application of the Shapley value to perform system partitioning. , 2015, , .		12
26	Harsanyi Power Solutions in Coalitional Control Systems. IEEE Transactions on Automatic Control, 2017, 62, 3369-3381.	5.7	12
27	The Lovász Extension of Market Games. Theory and Decision, 2004, 56, 229-238.	1.0	11
28	Constraints on the shapley value for a coalitional control system. , 2014, , .		11
29	Network Structures with Hierarchy and Communication. Journal of Optimization Theory and Applications, 2018, 179, 265-282.	1.5	11
30	The position value in communication structures. Mathematical Methods of Operations Research, 2004, 59, 465.	1.0	8
31	Railway Rapid Transit Timetables with Variable and Elastic Demand. Procedia, Social and Behavioral Sciences, 2014, 111, 538-548.	0.5	8
32	An application of the Shapley value to the analysis of co-expression networks. Applied Network Science, 2018, 3, 35.	1.5	7
33	Harsanyi power solutions for cooperative games on voting structures. International Journal of General Systems, 2019, 48, 575-602.	2.5	7
34	Lexicographic solutions for coalitional rankings. Social Choice and Welfare, 2021, 57, 817-849.	0.8	7
35	Power Measures and Solutions for Games Under Precedence Constraints. Journal of Optimization Theory and Applications, 2017, 172, 1008-1022.	1.5	6
36	The Myerson Value and Superfluous Supports in Union Stable Systems. Journal of Optimization Theory and Applications, 2012, 155, 650-668.	1.5	4

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37	Node Aggregation for Enhancing PageRank. IEEE Access, 2017, 5, 19799-19811.	4.2	4
38	Relationship between labeled network games and other cooperative games arising from attributes situations. Economics Letters, 2019, 185, 108708.	1.9	4
39	Labeled Network Allocation Problems. An Application to Transport Systems. Lecture Notes in Computer Science, 2019, , 90-108.	1.3	4
40	The Shapley Value, a Paradigm of Fairness. , 2019, , 17-29.		4
41	An algorithm with low computational requirements to constrain the Shapley value in coalitional networks. , 2015, , .		3
42	Partitioning of Large-Scale Systems using Game-Theoretic Coalitional Methods. , 2018, , .		3
43	Cooperative game theory tools to detect critical nodes in distributed control systems. , 2016, , .		3
44	Multi-issue bankruptcy problems with crossed claims. Annals of Operations Research, 2022, 318, 749-772.	4.1	3
45	Harsanyi Power Solutions for Games on Union Stable Systems. SSRN Electronic Journal, 0, , .	0.4	2
46	The Shapley Value and Games with Hierarchies. , 2019, , 49-74.		2
47	A Game Theoretic Neighbourhood-Based Relevance Index. Studies in Computational Intelligence, 2018, , 29-40.	0.9	1
48	Networks, Communication and Hierarchy: Applications to Cooperative Games. SSRN Electronic Journal, 0, , .	0.4	0
49	Preface: SING 14. Annals of Operations Research, 2021, 301, 1-4.	4.1	0
50	The Myerson Value and Superfluous Supports in Union Stable Systems. SSRN Electronic Journal, 0, , .	0.4	0
51	Cooperative Games on Accessible Union Stable Systems. SSRN Electronic Journal, 0, , .	0.4	0