Sergio Alonso

List of Publications by Year
in descending order

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76 papers	5,703 citations	257101 24 h-index	161609 54 g-index
78 all docs	78 docs citations	78 times ranked	2521 citing authors

#	Article	IF	Citations
1	h-Index: A review focused in its variants, computation and standardization for different scientific fields. Journal of Informetrics, 2009, 3, 273-289.	1.4	625
2	A Consensus Model for Group Decision Making With Incomplete Fuzzy Preference Relations. IEEE Transactions on Fuzzy Systems, 2007, 15, 863-877.	6.5	574
3	Group Decision-Making Model With Incomplete Fuzzy Preference Relations Based on Additive Consistency. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 176-189.	5.5	515
4	Computing with words in decision making: foundations, trends and prospects. Fuzzy Optimization and Decision Making, 2009, 8, 337-364.	3.4	426
5	Cardinal Consistency of Reciprocal Preference Relations: A Characterization of Multiplicative Transitivity. IEEE Transactions on Fuzzy Systems, 2009, 17, 14-23.	6.5	383
6	Some induced ordered weighted averaging operators and their use for solving group decision-making problems based on fuzzy preference relations. European Journal of Operational Research, 2007, 182, 383-399.	3.5	318
7	A New Consensus Model for Group Decision Making Problems With Non-Homogeneous Experts. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 494-498.	5.9	292
8	A web based consensus support system for group decision making problems and incomplete preferences. Information Sciences, 2010, 180, 4477-4495.	4.0	275
9	A consistency-based procedure to estimate missing pairwise preference values. International Journal of Intelligent Systems, 2008, 23, 155-175.	3.3	251
10	Group decision making with incomplete fuzzy linguistic preference relations. International Journal of Intelligent Systems, 2009, 24, 201-222.	3.3	248
11	A linguistic consensus model for Web 2.0 communities. Applied Soft Computing Journal, 2013, 13, 149-157.	4.1	223
12	A CONSENSUS MODEL FOR GROUP DECISION MAKING PROBLEMS WITH UNBALANCED FUZZY LINGUISTIC INFORMATION. International Journal of Information Technology and Decision Making, 2009, 08, 109-131.	2.3	213
13	INTEGRATION OF A CONSISTENCY CONTROL MODULE WITHIN A CONSENSUS MODEL. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2008, 16, 35-53.	0.9	199
14	On dynamic consensus processes in group decision making problems. Information Sciences, 2018, 459, 20-35.	4.0	193
15	hg-index: a new index to characterize the scientific output of researchers based on the h- and g-indices. Scientometrics, 2010, 82, 391-400.	1.6	167
16	Induced ordered weighted geometric operators and their use in the aggregation of multiplicative preference relations. International Journal of Intelligent Systems, 2004, 19, 233-255.	3.3	127
17	INDIVIDUAL AND SOCIAL STRATEGIES TO DEAL WITH IGNORANCE SITUATIONS IN MULTI-PERSON DECISION MAKING. International Journal of Information Technology and Decision Making, 2009, 08, 313-333.	2.3	89
18	q2-Index: Quantitative and qualitative evaluation based on the number and impact of papers in the Hirsch core. Journal of Informetrics, 2010, 4, 23-28.	1.4	85

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19	A panoramic view and swot analysis of artificial intelligence for achieving the sustainable development goals by 2030: progress and prospects. Applied Intelligence, 2021, 51, 6497-6527.	3.3	75
20	A Note on Two Methods for Estimating Missing Pairwise Preference Values. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1628-1633.	5.5	70
21	A fuzzy linguistic model to evaluate the quality of Web sites that store XML documents. International Journal of Approximate Reasoning, 2007, 46, 226-253.	1.9	54
22	A NOTE ON THE ESTIMATION OF MISSING PAIRWISE PREFERENCE VALUES: A UNINORM CONSISTENCY BASED METHOD. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2008, 16, 19-32.	0.9	47
23	Lower atmosphere and pressure evolution on Pluto from ground-based stellar occultations, 1988â€“2016. Astronomy and Astrophysics, 2019, 625, A42.	2.1	29
24	A Learning Procedure to Estimate Missing Values in Fuzzy Preference Relations Based on Additive Consistency. Lecture Notes in Computer Science, 2004, , 227-238.	1.0	24
25	Preferences and Consistency Issues in Group Decision Making. , 2008, , 219-237.		22
26	Computing with words and decision making. Fuzzy Optimization and Decision Making, 2009, 8, 323-324.	3.4	14
27	A computer-supported learning system to help teachers to teach Fuzzy Information Retrieval Systems. Information Retrieval, 2009, 12, 179-200.	1.6	13
28	Visualizing Consensus in Group Decision Making Situations. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
29	Applying Linguistic OWA Operators in Consensus Models under Unbalanced Linguistic Information. Studies in Fuzziness and Soft Computing, 2011, , 167-186.	0.6	11
30	Applying aggregation operators for information access systems: An application in digital libraries. International Journal of Intelligent Systems, 2008, 23, 1235-1250.	3.3	10
31	On Incomplete Fuzzy and Multiplicative Preference Relations in Multi-Person Decision Making. Procedia Computer Science, 2014, 31, 793-801.	1.2	10
32	Ordering Artificial Intelligence Based Recommendations to Tackle the SDGs with a Decision-Making Model Based on Surveys. Sustainability, 2021, 13, 6038.	1.6	9
33	Modelling Heterogeneity among Experts in Multi-criteria Group Decision Making Problems. Lecture Notes in Computer Science, 2011, , 55-66.	1.0	9
34	On Consensus Measures in Fuzzy Group Decision Making. Lecture Notes in Computer Science, 2008, , 86-97.	1.0	9
35	A fuzzy group decision making model for large groups of individuals. , 2009, , .		8
36	AgregaciÃ³n de Ãndices bibliomÃ©tricos para evaluar la producciÃ³n cientÃfica de los investigadores. Profesional De La Informacion, 2009, 18, 559-562.	2.7	8

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37	Constraints on the structure and seasonal variations of Tritonâ€™s atmosphere from the 5 October 2017 stellar occultation and previous observations. Astronomy and Astrophysics, 2022, 659, A136.	2.1	8
38	Improving Consensus in Group Decision Making with Intuitionistic Reciprocal Preference Relations: A Granular Computing Approach. , 2018, , .		7
39	Secaba-Rank, herramienta online para analizar y evaluar bibliotecas. Profesional De La Informacion, 2018, 27, 278.	2.7	6
40	Group Decision Making in Linguistic Contexts: An Information Granulation Approach. Procedia Computer Science, 2016, 91, 715-724.	1.2	5
41	Using Visualization Tools to Guide Consensus in Group Decision Making. Lecture Notes in Computer Science, 2007, , 77-85.	1.0	4
42	A Feedback Mechanism Based on Granular Computing to Improve Consensus in GDM. Studies in Fuzziness and Soft Computing, 2018, , 371-390.	0.6	3
43	Group Decision Making: From Consistency to Consensus. Lecture Notes in Computer Science, 2007, , 80-91.	1.0	3
44	A Granular Consensus Approach With Minimum Adjustment for Multi-criteria Group Decision Making. , 2020, , .		3
45	Consistency of Reciprocal Preference Relations. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
46	Co-words Analysis of the Last Ten Years of the Fuzzy Decision Making Research Area. Advances in Intelligent Systems and Computing, 2018, , 497-508.	0.5	2
47	Hesitant Fuzzy Sets: A Bibliometric Study. , 2018, , .		2
48	Assisting Users in Decisions Using Fuzzy Ontologies: Application in the Wine Market. Mathematics, 2020, 8, 1724.	1.1	2
49	A New Adaptive Consensus Reaching Process Based on the Expertsâ€™ Importance. Lecture Notes in Computer Science, 2010, , 474-483.	1.0	2
50	AN INTERACTIVE SUPPORT SYSTEM TO AID EXPERTS TO EXPRESS CONSISTENT PREFERENCES. , 2006, , .		2
51	A Consensus Reaching Model for Web 2.0 Communities. Lecture Notes in Computer Science, 2009, , 247-258.	1.0	2
52	A Linguistic Multi-level Weighted Query Language to Represent User Information Needs. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	1
53	Consensus with Linguistic Preferences in Web 2.0 Communities. , 2009, , .		1
54	A MOBILE DECISION SUPPORT SYSTEM IN MOBILE-COMMERCE ACTIVITIES. , 2009, , .		1

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55	Strategies to Manage Ignorance Situations in Multiperson Decision Making Problems. Lecture Notes in Computer Science, 2006, , 34-45.	1.0	1
56	Consensual Processes Based on Mobile Technologies and Dynamic Information. Studies in Fuzziness and Soft Computing, 2011, , 317-337.	0.6	1
57	Implementation of a Mobile Group Decision Making Support System with Incomplete Information. , 2008, , .		1
58	Using Multi-granular Fuzzy Linguistic Modelling Methods to Represent Social Networks Related Information in an Organized Way. International Journal of Computers, Communications and Control, 2020, 15, .	1.2	1
59	Improving the User-System Interaction in a Web Multi-agent System Using Fuzzy Multi-granular Linguistic Information. Lecture Notes in Computer Science, 2006, , 390-403.	1.0	1
60	Soft Consensus Models in Group Decision Making. Studies in Fuzziness and Soft Computing, 2016, , 135-153.	0.6	1
61	Actualidad en estudios LibQUAL+Â®: paradigmas de la biblioteca informativa y social-creadora y cuestiÃ³n de gÃ©nero como reflejos de la realidad social. Revista Espanola De Documentacion Cientifica, 2020, 43, 264.	0.1	1
62	A Granular Computing Based Approach for Improving the Consistency of Intuitionistic Reciprocal Preference Relations. Studies in Fuzziness and Soft Computing, 2021, , 457-469.	0.6	1
63	A Fuzzy Linguistic Recommender System to Advice Research Resources in University Digital Libraries. , 2008, , 567-585.		1
64	Construction of consistent fuzzy preference relations using uninorms. , 2008, , .		0
65	WoS query partitioner: A tool to retrieve very large numbers of items from the Web of Science using different sourceâ€based partitioning approaches. Journal of the Association for Information Science and Technology, 2010, 61, 1582-1597.	2.6	0
66	Filling fuzzy ontologies with people knowledge using fuzzy ontologies and group decision making methods. , 2016, , .		0
67	Information granulation of linguistic information as a basis for improving consensus in group decision making. , 2017, , .		0
68	Using Group Decision Making Methods to Extract Experts Knowledge. Advances in Intelligent Systems and Computing, 2018, , 566-577.	0.5	0
69	A Statistical Study for Quantifier-Guided Dominance and Non-Dominance Degrees for the Selection of Alternatives in Group Decision Making Problems. Advances in Intelligent Systems and Computing, 2018, , 383-392.	0.5	0
70	Organizing Internet opinions to improve their usefulness using Fuzzy Ontologies and sentiment analysis. , 2019, , .		0
71	A SELECTION PROCESS TO DEAL WITH INCOMPLETE FUZZY PREFERENCE RELATIONS IN A 2-TUPLE FUZZY LINGUISTIC APPROACH. , 2008, , .		0
72	Modelling Group Decision Making Problems in Changeable Conditions. Lecture Notes in Computer Science, 2010, , 43-54.	1.0	0

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73	A MOBILE DECISION SUPPORT SYSTEM BASED ON DYNAMIC CHOICE OF ALTERNATIVES. , 2010, , .		0
74	Generating Recommendations in GDM with an Allocation of Information Granularity. Advances in Intelligent Systems and Computing, 2018, , 211-222.	0.5	0
75	Managing Situations with High Number of Elements in Group Decision Making. Lecture Notes in Computer Science, 2020, , 926-931.	1.0	0
76	Multi-objective Evolutionary Algorithms in the Automatic Learning of Boolean Queries: A Comparative Study. , 2007, , 71-80.		0