Jos Carlos R Alcantud

List of Publications by Year in Descending Order

197 papers	4,591 citations	40 h-index	59 g-index
204 ext. papers	5,636 ext. citations	4 avg, IF	7.3 L-index

#	Paper	IF	Citations
197	Complex fermatean fuzzy -soft sets: a new hybrid model with applications.. *Journal of Ambient Intelligence and Humanized Computing*, **2022**, 1-34	3.7	9
196	Group decision-making with Fermatean fuzzy soft expert knowledge.. *Artificial Intelligence Review*, **2022**, 1-41	9.7	9
195	A novel three-way decision approach in decision information systems. *Information Sciences*, **2022**, 584, 1-30	7.7	1
194	A three-way decision approach with probabilistic dominance relations under intuitionistic fuzzy information. *Information Sciences*, **2022**, 582, 114-145	7.7	10
193	A regret theory-based three-way decision approach with three strategies. *Information Sciences*, **2022**, 595, 89-118	7.7	3
192	An integrated ELECTRE-I approach for risk evaluation with hesitant Pythagorean fuzzy information. *Expert Systems With Applications*, **2022**, 200, 116945	7.8	6
191	OWA aggregation operators and multi-agent decisions with N-soft sets. *Expert Systems With Applications*, **2022**, 203, 117430	7.8	5
190	Incomplete three-way multi-attribute group decision making based on adjustable multigranulation Pythagorean fuzzy probabilistic rough sets. *International Journal of Approximate Reasoning*, **2022**, 147, 40-59	3.6	4
189	The semantics of N-soft sets, their applications, and a coda about three-way decision. *Information Sciences*, **2022**, 606, 837-852	7.7	4
188	Three-way decision based on canonical soft sets of hesitant fuzzy sets. *AIMS Mathematics*, **2021**, 7, 2061-2083	2.2	4
187	On Some Types of Covering-Based I , T -Fuzzy Rough Sets and Their Applications. *Journal of Mathematics*, **2021**, 2021, 1-18	1.2	
186	Mining Temporal Association Rules with Temporal Soft Sets. *Journal of Mathematics*, **2021**, 2021, 1-17	1.2	1
185	Attributes reduction algorithms for m-polar fuzzy relation decision systems. *International Journal of Approximate Reasoning*, **2021**, 140, 232-232	3.6	3
184	Novel MCGDM analysis under m-polar fuzzy soft expert sets. *Neural Computing and Applications*, **2021**, 33, 12051-12071	4.8	19
183	Hybrid Decision-Making Frameworks under Complex Spherical Fuzzy N -Soft Sets. *Journal of Mathematics*, **2021**, 2021, 1-46	1.2	14
182	Covering-based variable precision L-fuzzy rough sets based on residuated lattices and corresponding applications. *International Journal of Machine Learning and Cybernetics*, **2021**, 12, 2407-2429	3.8	1
181	An investigation on Wu-Leung multi-scale information systems and multi-expert group decision-making. *Expert Systems With Applications*, **2021**, 170, 114542	7.8	12

180	Digraph and matrix approach for risk evaluations under Pythagorean fuzzy information. *Expert Systems With Applications*, **2021**, 170, 114518	7.8	28
179	A novel multi-attribute decision-making method based on fuzzy rough sets. *Computers and Industrial Engineering*, **2021**, 155, 107136	6.4	8
178	A hybrid decision-making framework under complex spherical fuzzy prioritized weighted aggregation operators. *Expert Systems*, **2021**, 38, e12712	2.1	15
177	Three-way decisions based multi-attribute decision making with probabilistic dominance relations. *Information Sciences*, **2021**, 559, 75-96	7.7	17
176	Parameter reduction analysis under interval-valued m-polar fuzzy soft information. *Artificial Intelligence Review*, **2021**, 54, 5541-5582	9.7	12
175	An Operational Characterization of Soft Topologies by Crisp Topologies. *Mathematics*, **2021**, 9, 1656	2.3	7
174	An axiomatically supported divergence measures for q-rung orthopair fuzzy sets. *International Journal of Intelligent Systems*, **2021**, 36, 6133-6155	8.4	7
173	Group decision-making framework using complex Pythagorean fuzzy information. *Neural Computing and Applications*, **2021**, 33, 2085-2105	4.8	39
172	An optimization study based on Dijkstra algorithm for a network with trapezoidal picture fuzzy numbers. *Neural Computing and Applications*, **2021**, 33, 1329-1342	4.8	23
171	PROMETHEE II method based on variable precision fuzzy rough sets with fuzzy neighborhoods. *Artificial Intelligence Review*, **2021**, 54, 1281-1319	9.7	6
170	A novel fuzzy rough set model with fuzzy neighborhood operators. *Information Sciences*, **2021**, 544, 266-297	7.7	44
169	Parameter reductions in N -soft sets and their applications in decision-making. *Expert Systems*, **2021** , 38,	2.1	15
168	Hesitant fuzzy N-soft ELECTRE-II model: a new framework for decision-making. *Neural Computing and Applications*, **2021**, 33, 7505-7520	4.8	15
167	Three-way multi-attribute decision making under hesitant fuzzy environments. *Information Sciences* , **2021**, 552, 328-351	7.7	23
166	Risk evaluation in failure modes and effects analysis: hybrid TOPSIS and ELECTRE I solutions with Pythagorean fuzzy information. *Neural Computing and Applications*, **2021**, 33, 5675-5703	4.8	48
165	. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	8
164	L-fuzzifying approximation operators derived from general L-fuzzifying neighborhood systems. *International Journal of Machine Learning and Cybernetics*, **2021**, 12, 1343-1367	3.8	6
163	The multi-fuzzy N-soft set and its applications to decision-making. *Neural Computing and Applications*, **2021**, 33, 11437	4.8	16

162	An Advised Indirect-Utility Ranking of Opportunity Sets. *Symmetry*, **2021**, 13, 1404	2.7	
161	A three-way decision methodology to multi-attribute decision-making in multi-scale decision information systems. *Information Sciences*, **2021**, 568, 175-198	7.7	12
160	Caliber and Chain Conditions in Soft Topologies. *Mathematics*, **2021**, 9, 2349	2.3	5
159	A three-way decision method based on fuzzy rough set models under incomplete environments. *Information Sciences*, **2021**, 577, 22-48	7.7	8
158	A novel three-way decision approach under hesitant fuzzy information. *Information Sciences*, **2021**, 578, 482-506	7.7	6
157	A novel multi-granularity three-way decision making approach in q-rung orthopair fuzzy information systems. *International Journal of Approximate Reasoning*, **2021**, 138, 161-187	3.6	6
156	Multi-granular soft rough covering sets. *Soft Computing*, **2020**, 24, 9391-9402	3.5	11
155	Novel classes of coverings based multigranulation fuzzy rough sets and corresponding applications to multiple attribute group decision-making. *Artificial Intelligence Review*, **2020**, 53, 6197-6256	9.7	9
154	Soft Open Bases and a Novel Construction of Soft Topologies from Bases for Topologies. *Mathematics*, **2020**, 8, 672	2.3	31
153	On Multicriteria Decision-Making Method Based on a Fuzzy Rough Set Model With Fuzzy $alpha$-Neighborhoods. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	44
152	Covering-based variable precision fuzzy rough sets with PROMETHEE-EDAS methods. *Information Sciences*, **2020**, 538, 314-336	7.7	46
151	An m-Polar Fuzzy PROMETHEE Approach for AHP-Assisted Group Decision-Making. *Mathematical and Computational Applications*, **2020**, 25, 26	1	5
150	Maximal association analysis using logical formulas over soft sets. *Expert Systems With Applications*, **2020**, 159, 113557	7.8	9
149	TOPSIS-WAA method based on a covering-based fuzzy rough set: An application to rating problem. *Information Sciences*, **2020**, 539, 397-421	7.7	35
148	An MADM approach to covering-based variable precision fuzzy rough sets: an application to medical diagnosis. *International Journal of Machine Learning and Cybernetics*, **2020**, 11, 2181-2207	3.8	29
147	The Soft Sets and Fuzzy Sets-Based Neural Networks and Application. *IEEE Access*, **2020**, 8, 41615-41625	3.5	4
146	Multi-Granulation Picture Hesitant Fuzzy Rough Sets. *Symmetry*, **2020**, 12, 362	2.7	3
145	Simple Majorities with Voice but No Vote. *Group Decision and Negotiation*, **2020**, 29, 803-822	2.5	1

144	A novel decision-making approach based on three-way decisions in fuzzy information systems. *Information Sciences*, **2020**, 541, 362-390	7.7	43
143	Intertemporal Hesitant Fuzzy Soft Sets: Application to Group Decision Making. *International Journal of Fuzzy Systems*, **2020**, 22, 619-635	3.6	9
142	The Interplay Between Intergenerational Justice and Mathematical Utility Theory. *Studies in Systems, Decision and Control*, **2020**, 325-351	0.8	1
141	Independent collective identity functions as voting rules. *Theory and Decision*, **2020**, 89, 107-119	0.8	2
140	Attributes reductions of bipolar fuzzy relation decision systems. *Neural Computing and Applications*, **2020**, 32, 10051-10071	4.8	19
139	Intuitionistic fuzzy TOPSIS method based on CVPIFRS models: An application to biomedical problems. *Information Sciences*, **2020**, 517, 315-339	7.7	48
138	Fuzzy soft matrices on fuzzy soft multiset and its applications in optimization problems. *Journal of Intelligent and Fuzzy Systems*, **2020**, 38, 2311-2322	1.6	4
137	PF-TOPSIS method based on CPFRS models: An application to unconventional emergency events. *Computers and Industrial Engineering*, **2020**, 139, 106192	6.4	37
136	Aggregation of infinite chains of intuitionistic fuzzy sets and their application to choices with temporal intuitionistic fuzzy information. *Information Sciences*, **2020**, 514, 106-117	7.7	53
135	Minkowski Weighted Score Functions of Intuitionistic Fuzzy Values. *Mathematics*, **2020**, 8, 1143	2.3	7
134	Covering-based intuitionistic fuzzy rough sets and applications in multi-attribute decision-making. *Artificial Intelligence Review*, **2020**, 53, 671-701	9.7	31
133	Covering based multigranulation fuzzy rough sets and corresponding applications. *Artificial Intelligence Review*, **2020**, 53, 1093-1126	9.7	32
132	Two types of coverings based multigranulation rough fuzzy sets and applications to decision making. *Artificial Intelligence Review*, **2020**, 53, 167-198	9.7	72
131	An N-Soft Set Approach to Rough Sets. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2996-3007	8.3	50
130	Group Decision-Making Based on the VIKOR Method with Trapezoidal Bipolar Fuzzy Information. *Symmetry*, **2019**, 11, 1313	2.7	42
129	Hybrid multi-attribute decision-making model based on (m, N)-soft rough sets. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 6325-6342	1.6	11
128	Complex fuzzy sets with applications in signals. *Computational and Applied Mathematics*, **2019**, 38, 1	2.4	15
127	Covering-based soft fuzzy rough theory and its application to multiple criteria decision making. *Computational and Applied Mathematics*, **2019**, 38, 1	2.4	5

126	TOPSIS method based on a fuzzy covering approximation space: An application to biological nano-materials selection. *Information Sciences*, **2019**, 502, 297-329	7.7	51
125	Analysis of survival for lung cancer resections cases with fuzzy and soft set theory in surgical decision making. *PLoS ONE*, **2019**, 14, e0218283	3.7	18
124	Dual Extended Hesitant Fuzzy Sets. *Symmetry*, **2019**, 11, 714	2.7	14
123	Hesitant fuzzy N-soft sets: A new model with applications in decision-making. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 6113-6127	1.6	38
122	Liberalism and dictatorship in the problem of fuzzy classification. *International Journal of Approximate Reasoning*, **2019**, 110, 82-95	3.6	3
121	Covering-based general multigranulation intuitionistic fuzzy rough sets and corresponding applications to multi-attribute group decision-making. *Information Sciences*, **2019**, 494, 114-140	7.7	52
120	Soft Set Theory for Decision Making in Computational Biology under Incomplete Information. *IEEE Access*, **2019**, 7, 18183-18193	3.5	10
119	New decision-making hybrid model: intuitionistic fuzzy N-soft rough sets. *Soft Computing*, **2019**, 23, 9853-9868	3.5	53
118	Yet another characterization of the majority rule. *Economics Letters*, **2019**, 177, 52-55	1.3	2
117	The relationship between soft sets and fuzzy sets and its application. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 3751-3764	1.6	7
116	Multi-granulation hesitant fuzzy rough sets and corresponding applications. *Soft Computing*, **2019**, 23, 13085-13103	3.5	10
115	Group decision-making methods based on hesitant N-soft sets. *Expert Systems With Applications*, **2019**, 115, 95-105	7.8	86
114	Necessary and possible hesitant fuzzy sets: A novel model for group decision making. *Information Fusion*, **2019**, 46, 63-76	16.7	56
113	Fuzzy soft (beta)-covering based fuzzy rough sets and corresponding decision-making applications. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 1487-1502	3.8	70
112	Novel classes of fuzzy soft (beta)-coverings-based fuzzy rough sets with applications to multi-criteria fuzzy group decision making. *Soft Computing*, **2019**, 23, 5327-5351	3.5	60
111	Hesitant linguistic expression soft sets: Application to group decision making. *Computers and Industrial Engineering*, **2019**, 136, 575-590	6.4	15
110	Parameter Reductions of Bipolar Fuzzy Soft Sets with Their Decision-Making Algorithms. *Symmetry*, **2019**, 11, 949	2.7	20
109	Multi-Criteria Group Decision-Making Using an m-Polar Hesitant Fuzzy TOPSIS Approach. *Symmetry*, **2019**, 11, 795	2.7	18

108	Analysis of Social Networks, Communication Networks and Shortest Path Problems in the Environment of Interval-Valued q-Rung Ortho Pair Fuzzy Graphs. *International Journal of Fuzzy Systems*, **2019**, 21, 1687-1708	3.6	9
107	The Indirect-Utility Criterion for Ranking Opportunity Sets over Time. *Symmetry*, **2019**, 11, 241	2.7	1
106	A Study on Hypergraph Representations of Complex Fuzzy Information. *Symmetry*, **2019**, 11, 1381	2.7	35
105	Multi-Attribute Decision-Making Based on m-Polar Fuzzy Hamacher Aggregation Operators. *Symmetry*, **2019**, 11, 1498	2.7	30
104	Covering-based generalized IF rough sets with applications to multi-attribute decision-making. *Information Sciences*, **2019**, 478, 275-302	7.7	111
103	Covering-Based Variable Precision $(mathcal {I},mathcal {T})$-Fuzzy Rough Sets With Applications to Multiattribute Decision-Making. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1558-1572	8.3	92
102	Fuzzy □covering based (I,T)-fuzzy rough set models and applications to multi-attribute decision-making. *Computers and Industrial Engineering*, **2019**, 128, 605-621	6.4	76
101	Covering based multigranulation(I,T)-fuzzy rough set models and applications in multi-attribute group decision-making. *Information Sciences*, **2019**, 476, 290-318	7.7	142
100	Novel decision-making method based on bipolar neutrosophic information. *Soft Computing*, **2019**, 23, 9955-9977	3.5	31
99	A survey of parameter reduction of soft sets and corresponding algorithms. *Artificial Intelligence Review*, **2019**, 52, 1839-1872	9.7	77
98	A novel type of soft rough covering and its application to multicriteria group decision making. *Artificial Intelligence Review*, **2019**, 52, 2381-2410	9.7	106
97	Certain types of soft coverings based rough sets with applications. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 1065-1076	3.8	45
96	Probabilistic soft sets and dual probabilistic soft sets in decision-making. *Neural Computing and Applications*, **2019**, 31, 397-407	4.8	44
95	Collective identity functions with status quo. *Mathematical Social Sciences*, **2018**, 93, 159-166	0.7	3
94	A multimodal adaptive approach on soft set based diagnostic risk prediction system. *Journal of Intelligent and Fuzzy Systems*, **2018**, 34, 1609-1618	1.6	16
93	Fuzzy politics I: The genesis of parties. *Fuzzy Sets and Systems*, **2018**, 349, 71-98	3.7	25
92	A survey of decision making methods based on two classes of hybrid soft set models. *Artificial Intelligence Review*, **2018**, 49, 511-529	9.7	97
91	An Adaptive Soft Set Based Diagnostic Risk Prediction System. *Advances in Intelligent Systems and Computing*, **2018**, 149-162	0.4	5

90	N-soft sets and their decision making algorithms. *Soft Computing*, **2018**, 22, 3829-3842	3.5	99
89	Best concept selection in design process: An application of generalized intuitionistic fuzzy soft sets. *Journal of Intelligent and Fuzzy Systems*, **2018**, 35, 5707-5720	1.6	24
88	Decision Making Under Incompleteness Based on Soft Set Theory. *Communications in Computer and Information Science*, **2018**, 583-595	0.3	
87	On the Structure of Acyclic Binary Relations. *Communications in Computer and Information Science*, **2018**, 3-15	0.3	
86	A STUDY ON Z-SOFT ROUGH FUZZY SEMIGROUPS AND ITS DECISION-MAKING **2018**, 8, 1-22		3
85	Consistency Properties for Fuzzy Choice Functions: An Analysis with the Łukasiewicz t-norm. *Communications in Computer and Information Science*, **2018**, 323-331	0.3	
84	Decomposition theorems and extension principles for hesitant fuzzy sets. *Information Fusion*, **2018**, 41, 48-56	16.7	80
83	Consistency Properties for Fuzzy Choice Functions: An Analysis with the Łukasiewicz T-Norm. *Axioms*, **2018**, 7, 78	1.6	
82	Expanded Dual Hesitant Fuzzy Sets **2018**,		4
81	Fuzzy N-soft sets: A novel model with applications. *Journal of Intelligent and Fuzzy Systems*, **2018**, 35, 4757-4771	1.6	60
80	Centroid Transformations of Intuitionistic Fuzzy Values Based on Aggregation Operators. *Mathematics*, **2018**, 6, 215	2.3	26
79	Intertemporal Choice of Fuzzy Soft Sets. *Symmetry*, **2018**, 10, 371	2.7	8
78	A new soft union set: characterizations of hemirings. *International Journal of Machine Learning and Cybernetics*, **2017**, 8, 525-535	3.8	9
77	The problem of collective identity in a fuzzy environment. *Fuzzy Sets and Systems*, **2017**, 315, 57-75	3.7	20
76	A survey of decision making methods based on certain hybrid soft set models. *Artificial Intelligence Review*, **2017**, 47, 507-530	9.7	152
75	Consensus measures for various informational bases. Three new proposals and two case studies from political science. *Quality and Quantity*, **2017**, 51, 285-306	2.4	1
74	A novel soft rough fuzzy set: Z-soft rough fuzzy ideals of hemirings and corresponding decision making. *Soft Computing*, **2017**, 21, 1923-1936	3.5	102
73	Another approach to rough soft hemirings and corresponding decision making. *Soft Computing*, **2017**, 21, 3769-3780	3.5	15

72	Separable fuzzy soft sets and decision making with positive and negative attributes. *Applied Soft Computing Journal*, **2017**, 59, 586-595	7.5	39
71	On a novel uncertain soft set model: Z-soft fuzzy rough set model and corresponding decision making methods. *Applied Soft Computing Journal*, **2017**, 56, 446-457	7.5	150
70	Applications of a kind of novel Z-soft fuzzy rough ideals to hemirings. *Journal of Intelligent and Fuzzy Systems*, **2017**, 32, 2071-2082	1.6	8
69	Expanded hesitant fuzzy sets and group decision making **2017**,		5
68	Rational fuzzy and sequential fuzzy choice. *Fuzzy Sets and Systems*, **2017**, 315, 76-98	3.7	9
67	A novel soft rough set: Soft rough hemirings and corresponding multicriteria group decision making. *Applied Soft Computing Journal*, **2017**, 54, 393-402	7.5	149
66	A study on soft rough semigroups and corresponding decision making applications. *Open Mathematics*, **2017**, 15, 1400-1413	0.8	4
65	A social choice approach to graded soft sets **2017**,		4
64	Valuation Fuzzy Soft Sets: A Flexible Fuzzy Soft Set Based Decision Making Procedure for the Valuation of Assets. *Symmetry*, **2017**, 9, 253	2.7	28
63	A New Criterion for Soft Set Based Decision Making Problems under Incomplete Information. *International Journal of Computational Intelligence Systems*, **2017**, 10, 394	3.4	56
62	A novel algorithm for fuzzy soft set based decision making from multiobserver input parameter data set. *Information Fusion*, **2016**, 29, 142-148	16.7	85
61	Hesitant Fuzzy Worth: An innovative ranking methodology for hesitant fuzzy subsets. *Applied Soft Computing Journal*, **2016**, 38, 232-243	7.5	40
60	Fuzzy Soft Set Decision Making Algorithms: Some Clarifications and Reinterpretations. *Lecture Notes in Computer Science*, **2016**, 479-488	0.9	5
59	Richter-Peleg multi-utility representations of preorders. *Theory and Decision*, **2016**, 80, 443-450	0.8	14
58	Incomplete Soft Sets: New Solutions for Decision Making Problems. *Advances in Intelligent Systems and Computing*, **2016**, 9-17	0.4	9
57	Fuzzy preorders: conditional extensions, extensions and their representations. *Fuzzy Optimization and Decision Making*, **2016**, 15, 371-396	5.1	
56	Fuzzy parameterized fuzzy soft sets and decision making. *International Journal of Machine Learning and Cybernetics*, **2016**, 7, 1207-1212	3.8	25
55	A segment-based approach to the analysis of project evaluation problems by hesitant fuzzy sets. *International Journal of Computational Intelligence Systems*, **2016**, 9, 325-339	3.4	10

54	A cardinal dissensus measure based on the Mahalanobis distance. *European Journal of Operational Research*, **2016**, 251, 575-585	5.6	10
53	Some formal relationships among soft sets, fuzzy sets, and their extensions. *International Journal of Approximate Reasoning*, **2016**, 68, 45-53	3.6	67
52	A new consensus ranking approach for correlated ordinal information based on Mahalanobis distance. *Information Sciences*, **2016**, 372, 546-564	7.7	16
51	A new rough set theory: rough soft hemirings. *Journal of Intelligent and Fuzzy Systems*, **2015**, 28, 1687-1697	1.6	95
50	Conditional extensions of fuzzy preorders. *Fuzzy Sets and Systems*, **2015**, 278, 3-19	3.7	1
49	Glaucoma Diagnosis: A Soft Set Based Decision Making Procedure. *Lecture Notes in Computer Science*, **2015**, 49-60	0.9	19
48	A study on soft Z-congruence relations over hemirings. *Journal of Intelligent and Fuzzy Systems*, **2015**, 30, 467-474	1.6	1
47	Reviews on decision making methods based on (fuzzy) soft sets and rough soft sets. *Journal of Intelligent and Fuzzy Systems*, **2015**, 29, 1169-1176	1.6	47
46	A kind of new rough set: Rough soft sets and rough soft rings. *Journal of Intelligent and Fuzzy Systems*, **2015**, 30, 475-483	1.6	17
45	Pairwise Dichotomous Cohesiveness Measures. *Group Decision and Negotiation*, **2015**, 24, 833-854	2.5	5
44	Sequential rationalization of multivalued choice. *Mathematical Social Sciences*, **2015**, 74, 29-33	0.7	14
43	A Linguistic Approach for Self-Perceived Health State: A Real Study for Diabetes Disease. *Lecture Notes in Computer Science*, **2015**, 71-81	0.9	1
42	Ordering infinite utility streams: Efficiency, continuity, and no impatience. *Mathematical Social Sciences*, **2014**, 72, 33-40	0.7	3
41	Dis&approval voting: a characterization. *Social Choice and Welfare*, **2014**, 43, 1-10	0.7	52
40	Finite sets of data compatible with multidimensional inequality measures. *Information Sciences*, **2014**, 265, 85-90	7.7	
39	The impossibility of social evaluations of infinite streams with strict inequality aversion. *Economic Theory Bulletin*, **2013**, 1, 123-130	0.4	9
38	Liberal approaches to ranking infinite utility streams: when can we avoid interference?. *Social Choice and Welfare*, **2013**, 41, 381-396	0.7	8
37	On measures of cohesiveness under dichotomous opinions: Some characterizations of approval consensus measures. *Information Sciences*, **2013**, 240, 45-55	7.7	17

36	A unifying model to measure consensus solutions in a society. *Mathematical and Computer Modelling*, **2013**, 57, 1876-1883		12
35	Consensus and the Act of Voting. *Studies in Microeconomics*, **2013**, 1, 1-22	0.3	3
34	Evaluations of Infinite Utility Streams: Pareto Efficient and Egalitarian Axiomatics. *Metroeconomica*, **2013**, 64, 432-447	0.9	15
33	Inequality averse criteria for evaluating infinite utility streams: The impossibility of Weak Pareto. *Journal of Economic Theory*, **2012**, 147, 353-363	1.4	15
32	An axiomatic analysis of ranking sets under simple categorization. *SERIEs*, **2012**, 3, 227-245	0.8	2
31	Nash equilibria without continuity of the choice rules. *Acta Mathematica Scientia*, **2011**, 31, 1535-1540	0.7	
30	Paretian evaluation of infinite utility streams: An egalitarian criterion. *Economics Letters*, **2010**, 106, 209-211	1.1	14
29	Complete solution of the integrability problem for homothetic demand functions. *International Journal of Economic Theory*, **2010**, 6, 263-271	0.5	
28	Goodness-of-fit in optimizing a consumer model. *Mathematical and Computer Modelling*, **2010**, 52, 1088-1094		5
27	A selection of maximal elements under non-transitive indifferences. *Journal of Mathematical Psychology*, **2010**, 54, 481-484	1.2	5
26	Constructive utility functions on Banach spaces. *Journal of Mathematical Analysis and Applications*, **2009**, 350, 590-600	1.1	5
25	Conditional ordering extensions. *Economic Theory*, **2009**, 39, 495-503	1.2	3
24	Continuous Utility Functions Through Scales. *Theory and Decision*, **2008**, 64, 479-494	0.8	11
23	Ranking sets additively in decisional contexts: an axiomatic characterization. *Theory and Decision*, **2008**, 64, 147-171	0.8	2
22	Mixed choice structures, with applications to binary and non-binary optimization. *Journal of Mathematical Economics*, **2008**, 44, 242-250	0.6	
21	Nash equilibria for non-binary choice rules. *International Journal of Game Theory*, **2007**, 35, 455-464	0.5	3
20	Maximality with or without binariness: Transfer-type characterizations. *Mathematical Social Sciences*, **2006**, 51, 182-191	0.7	4
19	Notes and Comments: Stochastic demand correspondences and their aggregation properties. *Decisions in Economics and Finance*, **2006**, 29, 55-69	0.7	5

18	Mathematical utility theory and the representability of demand by continuous homogeneous functions. *Portuguese Economic Journal*, **2006**, 5, 195-205	0.9	2
17	On the existence of certainty equivalents of various relevant types. *Journal of Applied Mathematics*, **2003**, 2003, 447-458	1.1	1
16	Revealed Indifference and Models of Choice Behavior. *Journal of Mathematical Psychology*, **2002**, 46, 418-430	1.2	25
15	Characterization of the existence of maximal elements of acyclic relations. *Economic Theory*, **2002**, 19, 407-416	1.2	21
14	A note on representability of consumerS behavior. *Economic Theory*, **2002**, 20, 207-216	1.2	2
13	Non-binary choice in a non-deterministic model. *Economics Letters*, **2002**, 77, 117-123	1.3	8
12	Continuous representation by a money-metric function. *Mathematical Social Sciences*, **2001**, 41, 365-373	0.7	9
11	Characterization of the existence of semicontinuous weak utilities. *Journal of Mathematical Economics*, **1999**, 32, 503-509	0.6	10
10	Preference through indifference: a topological approach. *Journal of Mathematical Economics*, **1999**, 31, 543-551	0.6	4
9	A new outranking method for multicriteria decision making with complex Pythagorean fuzzy information. *Neural Computing and Applications*,1	4.8	10
8	The Relationship Between Fuzzy Soft and Soft Topologies. *International Journal of Fuzzy Systems*,1	3.6	4
7	Improved generalized dissimilarity measure-based VIKOR method for Pythagorean fuzzy sets. *International Journal of Intelligent Systems*,	8.4	7
6	Fuzzy soft set based decision making: a novel alternative approach		10
5	New correlation coefficients for hesitant fuzzy sets		4
4	Multi-attribute decision-making with q-rung picture fuzzy information. *Granular Computing*,1	5.4	13
3	Softarisons: theory and practice. *Neural Computing and Applications*,1	4.8	4
2	An algorithm to compute the strength of competing interactions in the Bering Sea based on pythagorean fuzzy hypergraphs. *Neural Computing and Applications*,1	4.8	3
1	Intuitionistic fuzzy divergences: critical analysis and an application in figure skating. *Neural Computing and Applications*,1	4.8	0