# Xinyue Liu

# List of Publications by Citations

Source: https://exaly.com/author-pdf/6186815/xinyue-liu-publications-by-citations.pdf

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

378
papers

26,689
citations

85
h-index

9-index

410
ext. papers

31,381
ext. citations

5
avg, IF

L-index

#	Paper	IF	Citations
378	Linguistic decision analysis: steps for solving decision problems under linguistic information. <i>Fuzzy Sets and Systems</i> , <b>2000</b> , 115, 67-82	3.7	1088
377	Science mapping software tools: Review, analysis, and cooperative study among tools. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 1382-1402		846
376	A model of consensus in group decision making under linguistic assessments. <i>Fuzzy Sets and Systems</i> , <b>1996</b> , 78, 73-87	3.7	818
375	Some issues on consistency of fuzzy preference relations. <i>European Journal of Operational Research</i> , <b>2004</b> , 154, 98-109	5.6	708
374	An approach for detecting, quantifying, and visualizing the evolution of a research field: A practical application to the Fuzzy Sets Theory field. <i>Journal of Informetrics</i> , <b>2011</b> , 5, 146-166	3.1	605
373	A fusion approach for managing multi-granularity linguistic term sets in decision making. <i>Fuzzy Sets and Systems</i> , <b>2000</b> , 114, 43-58	3.7	580
372	Integrating three representation models in fuzzy multipurpose decision making based on fuzzy preference relations. <i>Fuzzy Sets and Systems</i> , <b>1998</b> , 97, 33-48	3.7	552
371	Direct approach processes in group decision making using linguistic OWA operators. <i>Fuzzy Sets and Systems</i> , <b>1996</b> , 79, 175-190	3.7	509
370	A consensus model for multiperson decision making with different preference structures. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2002</b> , 32, 394-402		486
369	. IEEE Transactions on Fuzzy Systems, 2007, 15, 863-877	8.3	473
368	h-Index: A review focused in its variants, computation and standardization for different scientific fields. <i>Journal of Informetrics</i> , <b>2009</b> , 3, 273-289	3.1	469
367	A Consensus Support System Model for Group Decision-Making Problems With Multigranular Linguistic Preference Relations. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2005</b> , 13, 644-658	8.3	447
366	A review of soft consensus models in a fuzzy environment. <i>Information Fusion</i> , <b>2014</b> , 17, 4-13	16.7	433
365	Group decision-making model with incomplete fuzzy preference relations based on additive consistency. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2007</b> , 37, 176-89		412
364	A Fuzzy Linguistic Methodology to Deal With Unbalanced Linguistic Term Sets. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2008</b> , 16, 354-370	8.3	404
363	Integrating multiplicative preference relations in a multipurpose decision-making model based on fuzzy preference relations. <i>Fuzzy Sets and Systems</i> , <b>2001</b> , 122, 277-291	3.7	389
362	SciMAT: A new science mapping analysis software tool. <i>Journal of the Association for Information Science and Technology</i> , <b>2012</b> , 63, 1609-1630		365

# (2015-2009)

361	Computing with words in decision making: foundations, trends and prospects. <i>Fuzzy Optimization and Decision Making</i> , <b>2009</b> , 8, 337-364	5.1	364
360	Multiperson decision-making based on multiplicative preference relations. <i>European Journal of Operational Research</i> , <b>2001</b> , 129, 372-385	5.6	339
359	Cardinal Consistency of Reciprocal Preference Relations: A Characterization of Multiplicative Transitivity. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 14-23	8.3	331
358	A rational consensus model in group decision making using linguistic assessments. <i>Fuzzy Sets and Systems</i> , <b>1997</b> , 88, 31-49	3.7	275
357	An Adaptive Consensus Support Model for Group Decision-Making Problems in a Multigranular Fuzzy Linguistic Context. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 279-290	8.3	271
356	Some induced ordered weighted averaging operators and their use for solving group decision-making problems based on fuzzy preference relations. <i>European Journal of Operational Research</i> , <b>2007</b> , 182, 383-399	5.6	271
355	Aggregation operators for linguistic weighted information. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>1997</b> , 27, 646-656		270
354	Consensus reaching in social network group decision making: Research paradigms and challenges. <i>Knowledge-Based Systems</i> , <b>2018</b> , 162, 3-13	7.3	267
353	Managing the consensus in group decision making in an unbalanced fuzzy linguistic context with incomplete information. <i>Knowledge-Based Systems</i> , <b>2010</b> , 23, 169-181	7.3	253
352	Trust based consensus model for social network in an incomplete linguistic information context. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 35, 827-839	7.5	245
351	Choice functions and mechanisms for linguistic preference relations. <i>European Journal of Operational Research</i> , <b>2000</b> , 120, 144-161	5.6	245
350	Analyzing consensus approaches in fuzzy group decision making: advantages and drawbacks. <i>Soft Computing</i> , <b>2010</b> , 14, 451-463	3.5	243
349	A web based consensus support system for group decision making problems and incomplete preferences. <i>Information Sciences</i> , <b>2010</b> , 180, 4477-4495	7.7	241
348	A statistical comparative study of different similarity measures of consensus in group decision making. <i>Information Sciences</i> , <b>2013</b> , 221, 110-123	7.7	239
347	Personalized individual semantics in computing with words for supporting linguistic group decision making. An application on consensus reaching. <i>Information Fusion</i> , <b>2017</b> , 33, 29-40	16.7	236
346	Virtual and remote labs in education: A bibliometric analysis. <i>Computers and Education</i> , <b>2016</b> , 98, 14-38	9.5	229
345	Group decision making with incomplete fuzzy linguistic preference relations. <i>International Journal of Intelligent Systems</i> , <b>2009</b> , 24, 201-222	8.4	229
344	Sentiment analysis: A review and comparative analysis of web services. <i>Information Sciences</i> , <b>2015</b> , 311, 18-38	7.7	227

343	A consistency-based procedure to estimate missing pairwise preference values. <i>International Journal of Intelligent Systems</i> , <b>2008</b> , 23, 155-175	8.4	218
342	A visual interaction consensus model for social network group decision making with trust propagation. <i>Knowledge-Based Systems</i> , <b>2017</b> , 122, 39-50	7.3	215
341	25years at Knowledge-Based Systems: A bibliometric analysis. <i>Knowledge-Based Systems</i> , <b>2015</b> , 80, 3-13	3 7.3	208
340	. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, <b>2010</b> , 40, 1244-1256		204
339	. IEEE Transactions on Fuzzy Systems, <b>2018</b> , 26, 884-898	8.3	202
338	Integrating experts' weights generated dynamically into the consensus reaching process and its applications in managing non-cooperative behaviors. <i>Decision Support Systems</i> , <b>2016</b> , 84, 1-15	5.6	199
337	A linguistic consensus model for Web 2.0 communities. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 149-1	<b>57</b> .5	199
336	A CONSENSUS MODEL FOR GROUP DECISION MAKING PROBLEMS WITH UNBALANCED FUZZY LINGUISTIC INFORMATION. <i>International Journal of Information Technology and Decision Making</i> , <b>2009</b> , 08, 109-131	2.8	190
335	A method based on PSO and granular computing of linguistic information to solve group decision making problems defined in heterogeneous contexts. <i>European Journal of Operational Research</i> , <b>2013</b> , 230, 624-633	5.6	189
334	Managing incomplete preference relations in decision making: A review and future trends. <i>Information Sciences</i> , <b>2015</b> , 302, 14-32	7.7	186
333	A minimum adjustment cost feedback mechanism based consensus model for group decision making under social network with distributed linguistic trust. <i>Information Fusion</i> , <b>2018</b> , 41, 232-242	16.7	181
332	Fuzzy Group Decision Making With Incomplete Information Guided by Social Influence. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 1704-1718	8.3	180
331	On multi-granular fuzzy linguistic modeling in group decision making problems: A systematic review and future trends. <i>Knowledge-Based Systems</i> , <b>2015</b> , 74, 49-60	7.3	174
330	Dealing with incomplete information in a fuzzy linguistic recommender system to disseminate information in university digital libraries. <i>Knowledge-Based Systems</i> , <b>2010</b> , 23, 32-39	7.3	167
329	Building consensus in group decision making with an allocation of information granularity. <i>Fuzzy Sets and Systems</i> , <b>2014</b> , 255, 115-127	3.7	158
328	Hesitant Fuzzy Linguistic Term Set and Its Application in Decision Making: A State-of-the-Art Survey. <i>International Journal of Fuzzy Systems</i> , <b>2018</b> , 20, 2084-2110	3.6	153
327	A consensus model for hesitant fuzzy preference relations and its application in water allocation management. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 58, 265-284	7.5	146
326	Strategic weight manipulation in multiple attribute decision making. <i>Omega</i> , <b>2018</b> , 75, 154-164	7.2	145

325	Consensus reaching model in the complex and dynamic MAGDM problem. <i>Knowledge-Based Systems</i> , <b>2016</b> , 106, 206-219	7.3	145	
324	A new linguistic computational model based on discrete fuzzy numbers for computing with words. <i>Information Sciences</i> , <b>2014</b> , 258, 277-290	7.7	145	
323	Fuzzy decision making and consensus: Challenges. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1	10 <del>2</del> . <del>∂</del> 11	18145	
322	. IEEE Transactions on Fuzzy Systems, <b>2018</b> , 26, 3276-3288	8.3	139	
321	On dynamic consensus processes in group decision making problems. <i>Information Sciences</i> , <b>2018</b> , 459, 20-35	7.7	131	
320	A hybrid recommender system for the selective dissemination of research resources in a Technology Transfer Office. <i>Information Sciences</i> , <b>2012</b> , 184, 1-19	7.7	130	
319	A consensus model for group decision making problems with linguistic interval fuzzy preference relations. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 10022-10030	7.8	130	
318	MACHINE LEARNING METHODS FOR SYSTEMIC RISK ANALYSIS IN FINANCIAL SECTORS. <i>Technological and Economic Development of Economy</i> , <b>2019</b> , 25, 716-742	4.7	127	
317	H-Classics: characterizing the concept of citation classics through H-index. <i>Scientometrics</i> , <b>2014</b> , 98, 19	971 <sub>3</sub> 198	3 124	
316	Software tools for conducting bibliometric analysis in science: An up-to-date review. <i>Profesional De La Informacion</i> , <b>2020</b> , 29,	3.7	122	
315	hg-index: a new index to characterize the scientific output of researchers based on the h- and g-indices. <i>Scientometrics</i> , <b>2010</b> , 82, 391-400	3	119	
314	Analyzing the Scientific Evolution of Social Work Using Science Mapping. <i>Research on Social Work Practice</i> , <b>2015</b> , 25, 257-277	1.4	118	
313	A google wave-based fuzzy recommender system to disseminate information in University Digital Libraries 2.0. <i>Information Sciences</i> , <b>2011</b> , 181, 1503-1516	7.7	117	
312	Induced ordered weighted geometric operators and their use in the aggregation of multiplicative preference relations. <i>International Journal of Intelligent Systems</i> , <b>2004</b> , 19, 233-255	8.4	117	
311	Group decision-making based on heterogeneous preference relations with self-confidence. <i>Fuzzy Optimization and Decision Making</i> , <b>2017</b> , 16, 429-447	5.1	115	
310	A model of an information retrieval system with unbalanced fuzzy linguistic information. <i>International Journal of Intelligent Systems</i> , <b>2007</b> , 22, 1197-1214	8.4	115	
309	Evaluating the information quality of Web sites: A methodology based on fuzzy computing with words. <i>Journal of the Association for Information Science and Technology</i> , <b>2006</b> , 57, 538-549		115	
308	The consensus models with interval preference opinions and their economic interpretation. <i>Omega</i> , <b>2015</b> , 55, 81-90	7.2	114	

307	Soft consensus measures in group decision making using unbalanced fuzzy linguistic information. <i>Soft Computing</i> , <b>2017</b> , 21, 3037-3050	3.5	112
306	Confidence-consistency driven group decision making approach with incomplete reciprocal intuitionistic preference relations. <i>Knowledge-Based Systems</i> , <b>2015</b> , 89, 86-96	7.3	107
305	A model of fuzzy linguistic IRS based on multi-granular linguistic information. <i>International Journal of Approximate Reasoning</i> , <b>2003</b> , 34, 221-239	3.6	105
304	A study of the origin and uses of the ordered weighted geometric operator in multicriteria decision making. <i>International Journal of Intelligent Systems</i> , <b>2003</b> , 18, 689-707	8.4	104
303	Linguistic measures based on fuzzy coincidence for reaching consensus in group decision making. <i>International Journal of Approximate Reasoning</i> , <b>1997</b> , 16, 309-334	3.6	103
302	A social network based approach for consensus achievement in multiperson decision making. <i>Information Fusion</i> , <b>2019</b> , 47, 72-87	16.7	102
301	Solving multi-criteria group decision making problems under environments with a high number of alternatives using fuzzy ontologies and multi-granular linguistic modelling methods. Knowledge-Based Systems, 2017, 137, 54-64	7.3	101
300	Choice processes for non-homogeneous group decision making in linguistic setting. <i>Fuzzy Sets and Systems</i> , <b>1998</b> , 94, 287-308	3.7	92
299	Evaluating the informative quality of documents in SGML format from judgements by means of fuzzy linguistic techniques based on computing with words. <i>Information Processing and Management</i> , <b>2003</b> , 39, 233-249	6.3	89
298	A model to represent users trust in recommender systems using ontologies and fuzzy linguistic modeling. <i>Information Sciences</i> , <b>2015</b> , 311, 102-118	7.7	87
297	A note on the reciprocity in the aggregation of fuzzy preference relations using OWA operators. <i>Fuzzy Sets and Systems</i> , <b>2003</b> , 137, 71-83	3.7	87
296	Granulating linguistic information in decision making under consensus and consistency. <i>Expert Systems With Applications</i> , <b>2018</b> , 99, 83-92	7.8	86
295	An overview on managing additive consistency of reciprocal preference relations for consistency-driven decision making and fusion: Taxonomy and future directions. <i>Information Fusion</i> , <b>2019</b> , 52, 143-156	16.7	86
294	Energy Optimization Using a Case-Based Reasoning Strategy. <i>Sensors</i> , <b>2018</b> , 18,	3.8	85
293	A note on the internal consistency of various preference representations. <i>Fuzzy Sets and Systems</i> , <b>2002</b> , 131, 75-78	3.7	85
292	Modeling the retrieval process for an information retrieval system using an ordinal fuzzy linguistic approach. <i>Journal of the Association for Information Science and Technology</i> , <b>2001</b> , 52, 460-475		84
291	INDIVIDUAL AND SOCIAL STRATEGIES TO DEAL WITH IGNORANCE SITUATIONS IN MULTI-PERSON DECISION MAKING. <i>International Journal of Information Technology and Decision Making</i> , <b>2009</b> , 08, 313-3	338	83
290	Large-Scale decision-making: Characterization, taxonomy, challenges and future directions from an Artificial Intelligence and applications perspective. <i>Information Fusion</i> , <b>2020</b> , 59, 84-102	16.7	82

#### (2009-2018)

289	A comparative study on consensus measures in group decision making. <i>International Journal of Intelligent Systems</i> , <b>2018</b> , 33, 1624-1638	8.4	82
288	A linguistic decision process in group decision making. <i>Group Decision and Negotiation</i> , <b>1996</b> , 5, 165-176	2.5	82
287	An incremental method to detect communities in dynamic evolving social networks. <i>Knowledge-Based Systems</i> , <b>2019</b> , 163, 404-415	7.3	80
286	Group Decision Making with Heterogeneous Preference Structures: An Automatic Mechanism to Support Consensus Reaching. <i>Group Decision and Negotiation</i> , <b>2019</b> , 28, 585-617	2.5	80
285	A recommender system for research resources based on fuzzy linguistic modeling. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 5173-5183	7.8	79
284	Multiple Attribute Strategic Weight Manipulation With Minimum Cost in a Group Decision Making Context With Interval Attribute Weights Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems,</i> <b>2019</b> , 49, 1981-1992	7.3	75
283	Modelling influence in group decision making. Soft Computing, 2016, 20, 1653-1665	3.5	73
282	Practical aggregation operators for gradual trust and distrust. Fuzzy Sets and Systems, <b>2011</b> , 184, 126-14	4 <b>3</b> .7	73
281	Incorporating filtering techniques in a fuzzy linguistic multi-agent model for information gathering on the web. <i>Fuzzy Sets and Systems</i> , <b>2004</b> , 148, 61-83	3.7	7 <sup>2</sup>
<b>2</b> 80	A multi-disciplinar recommender system to advice research resources in University Digital Libraries. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 12520-12528	7.8	70
279	Average-case consistency measurement and analysis of interval-valued reciprocal preference relations. <i>Knowledge-Based Systems</i> , <b>2016</b> , 114, 108-117	7.3	68
278	Group decision making problems in a linguistic and dynamic context. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 1675-1688	7.8	67
277	Carrying out consensual Group Decision Making processes under social networks using sentiment analysis over comparative expressions. <i>Knowledge-Based Systems</i> , <b>2019</b> , 165, 335-345	7.3	63
276	Ten Years of Sustainability (2009 to 2018): A Bibliometric Overview. Sustainability, <b>2018</b> , 10, 1655	3.6	63
275	A quality evaluation methodology for health-related websites based on a 2-tuple fuzzy linguistic approach. <i>Soft Computing</i> , <b>2010</b> , 14, 887-897	3.5	63
274	An automatic procedure to create fuzzy ontologies from users bpinions using sentiment analysis procedures and multi-granular fuzzy linguistic modelling methods. <i>Information Sciences</i> , <b>2019</b> , 476, 222-	-23/8	61
273	Libraries' social role in the information age. <i>Science</i> , <b>2013</b> , 339, 1382	33.3	59
272	A note on two methods for estimating missing pairwise preference values. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 1628-33		59

271	A review on the application of evolutionary computation to information retrieval. <i>International Journal of Approximate Reasoning</i> , <b>2003</b> , 34, 241-264	3.6	59
270	q2-Index: Quantitative and qualitative evaluation based on the number and impact of papers in the Hirsch core. <i>Journal of Informetrics</i> , <b>2010</b> , 4, 23-28	3.1	58
269	A FUZZY LINGUISTIC IRS MODEL BASED ON A 2-TUPLE FUZZY LINGUISTIC APPROACH. <i>International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems</i> , <b>2007</b> , 15, 225-250	0.8	58
268	Analysing the scientific evolution of e-Government using a science mapping approach. <i>Government Information Quarterly</i> , <b>2017</b> , 34, 545-555	7.6	57
267	A review of quality evaluation of digital libraries based on users perceptions. <i>Journal of Information Science</i> , <b>2012</b> , 38, 269-283	2	55
266	An interval-valued intuitionistic fuzzy DEMATEL method combined with Choquet integral for sustainable solid waste management. <i>Engineering Applications of Artificial Intelligence</i> , <b>2019</b> , 82, 207-21	5 <sup>7.2</sup>	53
265	A linguistic mobile Decision Support System based on fuzzy ontology to facilitate knowledge mobilization. <i>Decision Support Systems</i> , <b>2016</b> , 81, 66-75	5.6	53
264	Consistency and consensus modeling of linear uncertain preference relations. <i>European Journal of Operational Research</i> , <b>2020</b> , 283, 290-307	5.6	53
263	Some interesting properties of the fuzzy linguistic model based on discrete fuzzy numbers to manage hesitant fuzzy linguistic information. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 36, 383-391	7.5	52
262	Meta-heuristic framework: Quantum inspired binary grey wolf optimizer for unit commitment problem. <i>Computers and Electrical Engineering</i> , <b>2018</b> , 70, 243-260	4.3	52
261	A Bibliometric Analysis of the First Twenty-Five Years of the International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems. <i>International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems</i> , <b>2018</b> , 26, 169-193	0.8	51
260	Some bibliometric procedures for analyzing and evaluating research fields. <i>Applied Intelligence</i> , <b>2017</b> , 48, 1275	4.9	51
259	A bibliometric analysis of 20 years of research on software product lines. <i>Information and Software Technology</i> , <b>2016</b> , 72, 1-15	3.4	50
258	A novel multi-criteria group decision-making method for heterogeneous and dynamic contexts using multi-granular fuzzy linguistic modelling and consensus measures. <i>Information Fusion</i> , <b>2020</b> , 53, 240-250	16.7	50
257	A science mapping analysis of Communication WoS subject category (1980-2013). <i>Comunicar</i> , <b>2018</b> , 26, 81-91	3.2	48
256	A decision support system to develop a quality management in academic digital libraries. <i>Information Sciences</i> , <b>2015</b> , 323, 48-58	7.7	46
255	A fuzzy linguistic model to evaluate the quality of Web sites that store XML documents. <i>International Journal of Approximate Reasoning</i> , <b>2007</b> , 46, 226-253	3.6	46
254	. IEEE Transactions on Systems, Man, and Cybernetics: Systems, <b>2021</b> , 51, 191-208	7.3	46

# (2020-2018)

253	Analysing discussions in social networks using group decision making methods and sentiment analysis. <i>Information Sciences</i> , <b>2018</b> , 447, 157-168	7.7	45
252	A new consensus model for group decision making using fuzzy ontology. Soft Computing, 2013, 17, 1617	′ <del>3</del> 15627	43
251	Fuzzy Logic Models for Non-Programmed Decision-Making in Personnel Selection Processes Based on Gamification. <i>Informatica</i> , <b>2018</b> , 29, 1-20	2.9	43
250	A Note on the ITS Topic Evolution in the Period 2000\(\textbf{Q}009\) at T-ITS. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2012</b> , 13, 413-420	6.1	42
249	Methods to improve the ordinal and multiplicative consistency for reciprocal preference relations. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 67, 479-493	7.5	40
248	Agreement between telerehabilitation and face-to-face clinical outcome assessments for low back pain in primary care. <i>Spine</i> , <b>2013</b> , 38, 947-52	3.3	39
247	How to select a promising enterprise for venture capitalists with prospect theory under intuitionistic fuzzy circumstance?. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 67, 756-763	7.5	38
246	Personalized individual semantics-based approach for linguistic failure modes and effects analysis with incomplete preference information. <i>IISE Transactions</i> , <b>2020</b> , 52, 1275-1296	3.3	36
245	A hybrid system of pedagogical pattern recommendations based on singular value decomposition and variable data attributes. <i>Information Processing and Management</i> , <b>2013</b> , 49, 607-625	6.3	36
244	REFORE: A recommender system for researchers based on bibliometrics. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 30, 778-791	7.5	35
243	Characterizing highly cited papers in Social Work through H-Classics. <i>Scientometrics</i> , <b>2015</b> , 102, 1713-172	29	34
242	CARESOME: A system to enrich marketing customers acquisition and retention campaigns using social media information. <i>Knowledge-Based Systems</i> , <b>2015</b> , 80, 163-179	7.3	34
241	. IEEE Transactions on Big Data, <b>2017</b> , 1-1	3.2	33
240	Fuzzy Group Decision Making for influence-aware recommendations. <i>Computers in Human Behavior</i> , <b>2019</b> , 101, 371-379	7.7	33
239	Building and managing fuzzy ontologies with heterogeneous linguistic information. <i>Knowledge-Based Systems</i> , <b>2015</b> , 88, 154-164	7.3	32
238	. IEEE Transactions on Fuzzy Systems, <b>2020</b> , 1-1	8.3	32
237	Industry 4.0: a perspective based on bibliometric analysis. <i>Procedia Computer Science</i> , <b>2018</b> , 139, 364-37	<b>1</b> 1.6	31
236	. IEEE Transactions on Systems, Man, and Cybernetics: Systems, <b>2020</b> , 1-13	7.3	30

235	. IEEE Transactions on Intelligent Transportation Systems, <b>2016</b> , 17, 993-1001	6.1	30
234	A CONSENSUS MODEL FOR GROUP DECISION-MAKING PROBLEMS WITH INTERVAL FUZZY PREFERENCE RELATIONS. <i>International Journal of Information Technology and Decision Making</i> , <b>2012</b> , 11, 709-725	2.8	30
233	Noticias sobre Covid-19 y 2019-nCoV en medios de comunicacifi de Espa <del>li</del> : el papel de los medios digitales en tiempos de confinamiento. <i>Profesional De La Informacion</i> , <b>2020</b> , 29,	3.7	30
232	. IEEE Transactions on Systems, Man, and Cybernetics: Systems, <b>2021</b> , 51, 3900-3910	7.3	30
231	Evaluation of the hotels e-services quality under the user experience. Soft Computing, 2017, 21, 995-10	03;15	29
230	GDM-R: A new framework in R to support fuzzy group decision making processes. <i>Information Sciences</i> , <b>2016</b> , 357, 161-181	7.7	29
229	A framework for context-aware heterogeneous group decision making in business processes. <i>Knowledge-Based Systems</i> , <b>2016</b> , 102, 39-50	7.3	29
228	Creating knowledge databases for storing and sharing people knowledge automatically using group decision making and fuzzy ontologies. <i>Information Sciences</i> , <b>2016</b> , 328, 418-434	7.7	29
227	A fuzzy linguistic model to evaluate the quality of Library 2.0 functionalities. <i>International Journal of Information Management</i> , <b>2013</b> , 33, 642-654	16.4	29
226	Trust and distrust aggregation enhanced with path length incorporation. <i>Fuzzy Sets and Systems</i> , <b>2012</b> , 202, 61-74	3.7	29
225	A linguistic multicriteria decision-making model applied to hotel service quality evaluation from web data sources. <i>International Journal of Intelligent Systems</i> , <b>2012</b> , 27, 704-731	8.4	29
224	A MODEL BASED ON FUZZY LINGUISTIC INFORMATION TO EVALUATE THE QUALITY OF DIGITAL LIBRARIES. <i>International Journal of Information Technology and Decision Making</i> , <b>2010</b> , 09, 455-472	2.8	29
223	Analyzing the research in Integrative & Complementary Medicine by means of science mapping. <i>Complementary Therapies in Medicine</i> , <b>2014</b> , 22, 409-18	3.5	28
222	Multiple criteria group decision making method based on extended hesitant fuzzy sets with unknown weight information. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 78, 310-323	7.5	28
221	Applying a linguistic multi-criteria decision-making model to the analysis of ICT supplierslbffers. <i>Expert Systems With Applications</i> , <b>2016</b> , 57, 127-138	7.8	26
220	Global trends in coronavirus research at the time of Covid-19: A general bibliometric approach and content analysis using SciMAT. <i>Profesional De La Informacion</i> , <b>2020</b> , 29,	3.7	26
219	Estimating incomplete information in group decision making: A framework of granular computing. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 86, 105930	7.5	26
218	Assessment of Energy Systems Using Extended Fuzzy AHP, Fuzzy VIKOR, and TOPSIS Approaches to Manage Non-Cooperative Opinions. <i>Sustainability</i> , <b>2020</b> , 12, 2745	3.6	25

217	DeprNet: A Deep Convolution Neural Network Framework for Detecting Depression Using EEG. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-13	5.2	25	
216	mDurance: A Novel Mobile Health System to Support Trunk Endurance Assessment. <i>Sensors</i> , <b>2015</b> , 15, 13159-83	3.8	24	
215	Are incomplete and self-confident preference relations better in multicriteria decision making? A simulation-based investigation. <i>Information Sciences</i> , <b>2019</b> , 492, 40-57	7.7	23	
214	A group decision making support system for the Web: How to work in environments with a high number of participants and alternatives. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 68, 191-201	7.5	23	
213	A dynamic feedback mechanism with attitudinal consensus threshold for minimum adjustment cost in group decision making. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	23	
212	SICTQUAL: A fuzzy linguistic multi-criteria model to assess the quality of service in the ICT sector from the user perspective. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 37, 897-910	7.5	22	
211	A Dynamic Adaptive Subgroup-to-Subgroup Compatibility-Based Conflict Detection and Resolution Model for Multicriteria Large-Scale Group Decision Making. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4784-4795	10.2	22	
210	Multiple criteria analysis of environmental sustainability and quality of life in post-Soviet states. <i>Ecological Indicators</i> , <b>2018</b> , 89, 781-807	5.8	22	
209	Contractor Selection for Construction Projects Using Consensus Tools and Big Data. <i>International Journal of Fuzzy Systems</i> , <b>2018</b> , 20, 1267-1281	3.6	22	
208	A Two-stage subgroup Decision-making method for processing Large-scale information. <i>Expert Systems With Applications</i> , <b>2021</b> , 171, 114586	7.8	22	
207	A model based on subjective linguistic preference relations for group decision making problems. <i>Information Sciences</i> , <b>2016</b> , 355-356, 249-264	7.7	22	
206	Sharing notes: An academic social network based on a personalized fuzzy linguistic recommender system. <i>Engineering Applications of Artificial Intelligence</i> , <b>2018</b> , 75, 1-10	7.2	21	
205	Multi-instance genetic programming for web index recommendation. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 11470-11479	7.8	21	
204	Two-Fold Personalized Feedback Mechanism for Social Network Consensus by Uninorm Interval Trust Propagation. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	21	
203	Production Trends, Collaboration, and Main Topics of the Integrative and Complementary Oncology Research Area: A Bibliometric Analysis. <i>Integrative Cancer Therapies</i> , <b>2019</b> , 18, 1534735419846	5 <sup>3</sup> 401	20	
202	FUZZY SETS AND FUZZY LOGIC IN MULTI-CRITERIA DECISION MAKING. THE 50TH ANNIVERSARY OF PROF. LOTFI ZADEHS THEORY: INTRODUCTION. <i>Technological and Economic Development of Economy</i> , <b>2015</b> , 21, 677-683	4.7	20	
201	Entropy Measures for Hesitant Fuzzy Linguistic Term Sets Using the Concept of Interval-Transformed Hesitant Fuzzy Elements. <i>International Journal of Fuzzy Systems</i> , <b>2018</b> , 20, 2122-21	<u>3</u> :6	20	
200	A recommender system based on implicit feedback for selective dissemination of ebooks.  Information Sciences, 2018, 467, 87-98	7.7	20	

199	Improving the learning of Boolean queries by means of a multiobjective IQBE evolutionary algorithm. <i>Information Processing and Management</i> , <b>2006</b> , 42, 615-632	6.3	20
198	Twenty years of Soft Computing: a bibliometric overview. <i>Soft Computing</i> , <b>2019</b> , 23, 1477-1497	3.5	20
197	Consensus Reaching With Time Constraints and Minimum Adjustments in Group With Bounded Confidence Effects. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2466-2479	8.3	20
196	A procedure for group decision making with interval-valued intuitionistic linguistic fuzzy preference relations. <i>Fuzzy Optimization and Decision Making</i> , <b>2019</b> , 18, 493-527	5.1	18
195	A fuzzy model to evaluate the suitability of installing an enterprise resource planning system. <i>Information Sciences</i> , <b>2009</b> , 179, 2333-2341	7.7	18
194	A CONCEPTUAL SNAPSHOT OF THE FIRST DECADE (2002\(\bar{\pi}\)011) OF THE INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING. International Journal of Information Technology and Decision Making, <b>2012</b> , 11, 247-270	2.8	18
193	Tuning the matching function for a threshold weighting semantics in a linguistic information retrieval system. <i>International Journal of Intelligent Systems</i> , <b>2005</b> , 20, 921-937	8.4	18
192	H-classic: a new method to identify classic articles in Implant Dentistry, Periodontics, and Oral Surgery. <i>Clinical Oral Implants Research</i> , <b>2016</b> , 27, 1317-1330	4.8	18
191	A Dynamic Recommender System as Reinforcement for Personalized Education by a Fuzzly Linguistic Web System. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 1143-1150	1.6	17
190	Fuzzy rankings for preferences modeling in group decision making. <i>International Journal of Intelligent Systems</i> , <b>2018</b> , 33, 1555-1570	8.4	17
189	Type-1 OWA Unbalanced Fuzzy Linguistic Aggregation Methodology: Application to Eurobonds Credit Risk Evaluation. <i>International Journal of Intelligent Systems</i> , <b>2018</b> , 33, 1071-1088	8.4	17
188	Recommending biomedical resources: A fuzzy linguistic approach based on semantic web. <i>International Journal of Intelligent Systems</i> , <b>2010</b> , 25, 1143-1157	8.4	17
187	Consensus in Group Decision Making and Social Networks. <i>Studies in Informatics and Control</i> , <b>2017</b> , 26,	2.1	17
186	Dealing with incomplete information in linguistic group decision making by means of Interval Type-2 Fuzzy Sets. <i>International Journal of Intelligent Systems</i> , <b>2019</b> , 34, 1261-1280	8.4	16
185	Dealing with group decision-making environments that have a high amount of alternatives using card-sorting techniques. <i>Expert Systems With Applications</i> , <b>2019</b> , 127, 187-198	7.8	16
184	Reciprocal Recommender Systems: Analysis of state-of-art literature, challenges and opportunities towards social recommendation. <i>Information Fusion</i> , <b>2021</b> , 69, 103-127	16.7	16
183	Sentiment Analysis based Multi-Person Multi-criteria Decision Making methodology using natural language processing and deep learning for smarter decision aid. Case study of restaurant choice using TripAdvisor reviews. <i>Information Fusion</i> , <b>2021</b> , 68, 22-36	16.7	16
182	Smartphone-based systems for physical rehabilitation applications: A systematic review. <i>Assistive Technology</i> , <b>2021</b> , 33, 223-236	1.5	15

# (2018-2015)

181	Integrating Ontologies and Fuzzy Logic to Represent User-Trustworthiness in Recommender Systems. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 603-612	1.6	15
180	Quantifying the emotional impact of events on locations with social media. <i>Knowledge-Based Systems</i> , <b>2018</b> , 146, 44-57	7-3	15
179	Agreement Between Face-to-Face and Free Software Video Analysis for Assessing Hamstring Flexibility in Adolescents. <i>Journal of Strength and Conditioning Research</i> , <b>2015</b> , 29, 2661-5	3.2	15
178	Applying multi-objective evolutionary algorithms to the automatic learning of extended Boolean queries in fuzzy ordinal linguistic information retrieval systems. <i>Fuzzy Sets and Systems</i> , <b>2009</b> , 160, 2192	-2205	15
177	A MOBILE GROUP DECISION MAKING MODEL FOR HETEROGENEOUS INFORMATION AND CHANGEABLE DECISION CONTEXTS. <i>International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems</i> , <b>2011</b> , 19, 33-52	0.8	15
176	Opinion Mining, Sentiment Analysis and Emotion Understanding in Advertising: A Bibliometric Analysis. <i>IEEE Access</i> , <b>2020</b> , 8, 134563-134576	3.5	15
175	Algorithms to Detect and Rectify Multiplicative and Ordinal Inconsistencies of Fuzzy Preference Relations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems,</i> <b>2021</b> , 51, 3498-3511	7.3	15
174	A new model to quantify the impact of a topic in a location over time with Social Media. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 3381-3395	7.8	14
173	TPLUFIB-WEB: A fuzzy linguistic Web system to help in the treatment of low back pain problems. Knowledge-Based Systems, <b>2014</b> , 67, 429-438	7-3	14
172	A Linguistic Multi-Criteria Decision Making Model Applied to the Integration of Education Questionnaires. <i>International Journal of Computational Intelligence Systems</i> , <b>2011</b> , 4, 946-959	3.4	14
171	A cyclic dynamic trust-based consensus model for large-scale group decision making with probabilistic linguistic information. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 100, 106937	7.5	14
170	The risk assessment of construction project investment based on prospect theory with linguistic preference orderings. <i>Economic Research-Ekonomska Istrazivanja</i> , <b>2021</b> , 34, 709-731	2.5	14
169	Linguistic multi-criteria decision-making model with output variable expressive richness. <i>Expert Systems With Applications</i> , <b>2017</b> , 83, 350-362	7.8	13
168	Highly cited papers in rheumatology: identification and conceptual analysis. <i>Scientometrics</i> , <b>2018</b> , 116, 555-568	3	13
167	. IEEE Access, <b>2019</b> , 7, 94822-94839	3.5	13
166	Sorting of decision-making methods based on their outcomes using dominance-vector hesitant fuzzy-based distance. <i>Soft Computing</i> , <b>2019</b> , 23, 1109-1121	3.5	13
165	. IEEE Transactions on Fuzzy Systems, <b>2021</b> , 1-1	8.3	13
164	An Intuitionistic Multiplicative ORESTE Method for Patients' Prioritization of Hospitalization.  International Journal of Environmental Research and Public Health, 2018, 15,	4.6	13

163	Mining university rankings: Publication output and citation impact as their basis. <i>Research Evaluation</i> , <b>2019</b> , 28, 232-240	1.7	12
162	A HYBRID MODEL FOR DECISION-MAKING IN THE INFORMATION AND COMMUNICATIONS TECHNOLOGY SECTOR. <i>Technological and Economic Development of Economy</i> , <b>2015</b> , 21, 720-737	4.7	12
161	Business process outsourcing enhanced by fuzzy linguistic consensus model. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 64, 436-444	7.5	12
160	An overview of animal science research 1945-2011 through science mapping analysis. <i>Journal of Animal Breeding and Genetics</i> , <b>2015</b> , 132, 475-97	2.9	12
159	Preference evolution with deceptive interactions and heterogeneous trust in bounded confidence model: A simulation analysis. <i>Knowledge-Based Systems</i> , <b>2019</b> , 175, 87-95	7.3	11
158	A Semantic Model of Selective Dissemination of Information for Digital Libraries. <i>Information Technology and Libraries</i> , <b>2009</b> , 28, 21	1.3	11
157	Computing with words and decision making. Fuzzy Optimization and Decision Making, 2009, 8, 323-324	5.1	11
156	A computer-supported learning system to help teachers to teach Fuzzy Information Retrieval Systems. <i>Information Retrieval</i> , <b>2009</b> , 12, 179-200	1.8	10
155	A filtering and recommender system for e-scholars. <i>International Journal of Technology Enhanced Learning</i> , <b>2010</b> , 2, 227	1.2	10
154	Soft approaches to information retrieval and information access on the Web: An introduction to the special topic section. <i>Journal of the Association for Information Science and Technology</i> , <b>2006</b> , 57, 511-514		10
153	Applying Linguistic OWA Operators in Consensus Models under Unbalanced Linguistic Information. <i>Studies in Fuzziness and Soft Computing</i> , <b>2011</b> , 167-186	0.7	10
152	. IEEE Access, <b>2021</b> , 9, 95608-95621	3.5	10
151	A Fuzzy Linguistic Extended LibQUAL+ Model to Assess Service Quality in Academic Libraries. <i>International Journal of Information Technology and Decision Making</i> , <b>2017</b> , 16, 225-244	2.8	9
150	Hospitality brand management by a score-based q-rung orthopair fuzzy V.I.K.O.R. method integrated with the best worst method. <i>Economic Research-Ekonomska Istrazivanja</i> , <b>2019</b> , 32, 3272-3307	1 <sup>2.5</sup>	9
149	Reaching Consensus in Digital Libraries: A Linguistic Approach. <i>Procedia Computer Science</i> , <b>2014</b> , 31, 449	9 <b>-45</b> 8	9
148	On Incomplete Fuzzy and Multiplicative Preference Relations in Multi-Person Decision Making. <i>Procedia Computer Science</i> , <b>2014</b> , 31, 793-801	1.6	9
147	Emotional Profiling of Locations Based on Social Media. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 960-969	1.6	9
146	Applying aggregation operators for information access systems: An application in digital libraries. <i>International Journal of Intelligent Systems</i> , <b>2008</b> , 23, 1235-1250	8.4	9

# (2020-2007)

145	Visualizing Consensus in Group Decision Making Situations. <i>IEEE International Conference on Fuzzy Systems</i> , <b>2007</b> ,		9
144	Two stage feedback mechanism with different power structures for consensus in large-scale group decision-making. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	9
143	A cloud-based tool for sentiment analysis in reviews about restaurants on TripAdvisor. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 392-399	1.6	9
142	. IEEE Access, <b>2021</b> , 9, 48753-48768	3.5	9
141	Variances with Bonferroni means and ordered weighted averages. <i>International Journal of Intelligent Systems</i> , <b>2019</b> , 34, 3020-3045	8.4	8
140	An Alternative Consensus Model of Additive Preference Relations for Group Decision Making Based on the Ordinal Consistency. <i>International Journal of Fuzzy Systems</i> , <b>2019</b> , 21, 1818-1830	3.6	8
139	Identifying Citation Classics in Fuzzy Decision Making Field Using the Concept of H-Classics. <i>Procedia Computer Science</i> , <b>2014</b> , 31, 567-576	1.6	8
138	Modelling Heterogeneity among Experts in Multi-criteria Group Decision Making Problems. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 55-66	0.9	8
137	An Opinion Control Rule with Minimum Adjustments to Support the Consensus Reaching in Bounded Confidence Model. <i>Procedia Computer Science</i> , <b>2016</b> , 91, 617-624	1.6	8
136	Consistent fuzzy preference relation with geometric Bonferroni mean: a fused preference method for assessing the quality of life. <i>Applied Intelligence</i> , <b>2019</b> , 49, 2672-2683	4.9	7
135	Expanding Grey Relational Analysis With the Comparable Degree for Dual Probabilistic Multiplicative Linguistic Term Sets and its Application on the Cloud Enterprise. <i>IEEE Access</i> , <b>2019</b> , 7, 750	0 <b>4</b> 1 <sup>5</sup> 75	037
134	Analyzing Consensus Measures in Group Decision Making. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 1000-10	0086	7
133	A rational and consensual method for group decision making with interval-valued intuitionistic multiplicative preference relations. <i>Engineering Applications of Artificial Intelligence</i> , <b>2020</b> , 90, 103514	7.2	7
132	An analysis of consensus approaches based on different concepts of coincidence. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 34, 2247-2259	1.6	7
131	Integrating Quality Criteria in a Fuzzy Linguistic Recommender System for Digital Libraries. <i>Procedia Computer Science</i> , <b>2014</b> , 31, 1036-1043	1.6	7
130	A study of the use of multi-objective evolutionary algorithms to learn Boolean queries: A comparative study. <i>Journal of the Association for Information Science and Technology</i> , <b>2009</b> , 60, 1192-12	:07	7
129	Group Decision Making with Interval-Valued Intuitionistic Multiplicative Linguistic Preference Relations. <i>Group Decision and Negotiation</i> , <b>2020</b> , 29, 169-206	2.5	7
128	A context-aware embeddings supported method to extract a fuzzy sentiment polarity dictionary. Knowledge-Based Systems, <b>2020</b> , 190, 105236	7.3	7

127	An Enhanced Spectral Clustering Algorithm with S-Distance. Symmetry, <b>2021</b> , 13, 596	2.7	7
126	Collective Scenario Understanding in a Multivehicle System by Consensus Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 1984-1995	8.3	7
125	Additive and Multiplicative Consistency Modeling for Incomplete Linear Uncertain Preference Relations and Its Weight Acquisition. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 805-819	8.3	7
124	Alzheimer Patient Analysis Using Image and Gene Expression Data and Explainable-AI to Present Associated Genes. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-7	5.2	7
123	On Multi-granular Fuzzy Linguistic Modelling in Decision Making. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 593-602	1.6	6
122	m-SFT: A Novel Mobile Health System to Assess the Elderly Physical Condition. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
121	DeciTrustNET: A graph based trust and reputation framework for social networks. <i>Information Fusion</i> , <b>2020</b> , 61, 101-112	16.7	6
120	A new methodology for identifying unreliable sensors in data fusion. <i>Knowledge-Based Systems</i> , <b>2017</b> , 136, 85-96	7.3	6
119	Workplace assessment by fuzzy decision tree and TOPSIS methodologies to manage the occupational safety and health performance. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2017</b> , 33, 1209-12	<b>2</b> 146	6
118	A fuzzy group decision making model for large groups of individuals 2009,		6
117	Trust based group decision making in environments with extreme uncertainty. <i>Knowledge-Based Systems</i> , <b>2020</b> , 191, 105168	7.3	6
116	Fuzzy clustering approach for brain tumor tissue segmentation in magnetic resonance images. <i>Soft Computing</i> , <b>2019</b> , 23, 10105-10117	3.5	6
115	Utilizing multi-source data in popularity prediction for shop-type recommendation. <i>Knowledge-Based Systems</i> , <b>2019</b> , 165, 253-267	7.3	6
114	A new influence based network for opinion propagation in social network based scenarios. <i>Procedia Computer Science</i> , <b>2018</b> , 139, 329-337	1.6	6
113	The Influence of Personal and Organizational Factors on Researchers[Attitudes towards Sustainable Research Productivity in Saudi Universities. Sustainability, 2019, 11, 4804	3.6	5
112	Consensus in a Fuzzy Environment: A Bibliometric Study. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 660-667	1.6	5
112			

# (2021-2020)

109	The probe for the weighted dual probabilistic linguistic correlation coefficient to invest an artificial intelligence project. <i>Soft Computing</i> , <b>2020</b> , 24, 15389-15408	3.5	5	
108	An alternative calculation of the consensus degree in group decision making problems. <i>Procedia Computer Science</i> , <b>2017</b> , 122, 735-742	1.6	5	
107	A Generalized Belief Entropy With Nonspecificity and Structural Conflict. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-14	7.3	5	
106	A Review on Information Accessing Systems Based on Fuzzy Linguistic Modelling. <i>International Journal of Computational Intelligence Systems</i> , <b>2010</b> , 3, 420	3.4	5	
105	PRIORITIZATION OF THE LAUNCH OF ICT PRODUCTS AND SERVICES THROUGH LINGUISTIC MULTI-CRITERIA DECISION-MAKING. <i>Technological and Economic Development of Economy</i> , <b>2018</b> , 24, 1231-1257	4.7	5	
104	Evaluation of scientific output in Dentistry in Spanish Universities. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2017</b> , 22, e491-e499	2.6	5	
103	Bibliometric Tools for Discovering Information in Database. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 193-203	0.9	5	
102	Latent Dirichlet Allocation (LDA) for improving the topic modeling of the official bulletin of the spanish state (BOE). <i>Procedia Computer Science</i> , <b>2019</b> , 162, 207-214	1.6	5	
101	Fuzzy logic expert system for selecting robotic hands using kinematic parameters. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 11, 1553-1564	3.7	5	
100	. IEEE Transactions on Systems, Man, and Cybernetics: Systems, <b>2021</b> , 51, 5-21	7.3	5	
99	Improving business process retrieval using categorization and multimodal search. <i>Knowledge-Based Systems</i> , <b>2016</b> , 110, 49-59	7.3	4	
98	Assessing physical activity and functional fitness level using convolutional neural networks. <i>Knowledge-Based Systems</i> , <b>2019</b> , 185, 104939	7.3	4	
97	A Novel Group Decision Making Method to Overcome the Web 2.0 Challenges <b>2015</b> ,		4	
96	Linguistic Consensus Models based on a Fuzzy Ontology. <i>Procedia Computer Science</i> , <b>2013</b> , 17, 498-505	1.6	4	
95	An aggregation approach for solving the non-linear fractional equality Knapsack problem. <i>Expert Systems With Applications</i> , <b>2018</b> , 110, 323-334	7.8	4	
94	Application of an opinion consensus aggregation model based on OWA operators to the recommendation of tourist sites. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 539-546	1.6	4	
93	Leveraging Localized Social Media Insights for Industry Early Warning Systems. <i>International Journal of Information Technology and Decision Making</i> , <b>2018</b> , 17, 357-385	2.8	4	
92	Optimization consensus modeling of a closed-loop carbon quota trading mechanism regarding revenue and fairness. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 161, 107611	6.4	4	

91	A Method for Knowledge Representation to Design Intelligent Problems Solver in Mathematics Based on Rela-Ops Model. <i>IEEE Access</i> , <b>2020</b> , 8, 76991-77012	3.5	3
90	Qulestipasando en el flea de Trabajo Social segfi el Web of Science. <i>Cuadernos De Trabajo Social</i> , <b>2017</b> , 30, 125-134	0.2	3
89	A Novel Android Application Design Based on Fuzzy Ontologies to Carry Out Local Based Group Decision Making Processes. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 289-300	0.9	3
88	Aggregation operators in group decision making: Identifying citation classics via H-classics. <i>Procedia Computer Science</i> , <b>2017</b> , 122, 902-909	1.6	3
87	An analysis on consensus measures in group decision making 2017,		3
86	Consistency based completion approaches of incomplete preference relations in uncertain decision contexts <b>2015</b> ,		3
85	A Multiobjective Evolutionary Algorithm for spam e-mail filtering 2008,		3
84	Enhancing Big Data Feature Selection Using a Hybrid Correlation-Based Feature Selection. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2984	2.6	3
83	A Filtering and Recommender System Prototype for Scholarly Users of Digital Libraries. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 108-117	0.9	3
82	Agregacifi de fidices bibliomfricos para evaluar la produccifi cient <b>fi</b> ca de los investigadores. <i>Profesional De La Informacion</i> , <b>2009</b> , 18, 559-562	3.7	3
81	Group Decision Making in Linguistic Contexts: An Information Granulation Approach. <i>Procedia Computer Science</i> , <b>2016</b> , 91, 715-724	1.6	3
80	A comparison between Fuzzy Linguistic RFM Model and traditional RFM model applied to Campaign Management. Case study of retail business <i>Procedia Computer Science</i> , <b>2019</b> , 162, 281-289	1.6	3
79	A risk-aware fuzzy linguistic knowledge-based recommender system for hedge funds. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 916-923	1.6	3
78	A New Consensus Model Based on Trust Interactive Weights for Intuitionistic Group Decision Making in Social Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	3
77	Thin Cap Fibroatheroma Detection in Virtual Histology Images Using Geometric and Texture Features. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1632	2.6	3
76	ALMNet: Adjacent Layer Driven Multiscale Features for Salient Object Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-14	5.2	3
75	Game-Theoretic Learning for Sensor Reliability Evaluation Without Knowledge of the Ground Truth. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	2
74	A business process clustering algorithm using incremental covering arrays to explore search space and balanced Bayesian information criterion to evaluate quality of solutions. <i>PLoS ONE</i> , <b>2019</b> , 14, e021	7 <i>6</i> 86	2

73	Information fusion in consensus and decision making. Information Fusion, 2014, 17, 2-3	16.7	2
72	Strategic weight manipulation in multiple attribute decision making in an incomplete information context <b>2017</b> ,		2
71	An improvement of multiplicative consistency of reciprocal preference relations: A framework of granular computing <b>2017</b> ,		2
70	A new application of a fuzzy linguistic quality evaluation system in digital libraries 2010,		2
69	A Fuzzy Linguistic Recommender System to Disseminate the Own Academic Resources in Universities <b>2009</b> ,		2
68	Using Incomplete Fuzzy Linguistic Preference Relations to Characterize User Profiles in Recommender Systems <b>2009</b> ,		2
67	La calidad en las bibliotecas universitarias biomdicas segli sus usuarios. <i>Profesional De La Informacion</i> , <b>2010</b> , 19, 255-259	3.7	2
66	Proyecto Histocarto: aplicacifi de SIGs (georreferenciacifi y geolocalizacifi) para mejorar la recuperacifi de la documentacifi histfica grfica. <i>Profesional De La Informacion</i> , <b>2019</b> , 28,	3.7	2
65	Fuzzy Linguistic Recommender Systems for the Selective Diffusion of Information in Digital Libraries. <i>Journal of Information Processing Systems</i> , <b>2017</b> ,		2
64	A MODEL TO OBTAIN A SERVPERF SCALE EVALUATION OF THE CRM CUSTOMER COMPLAINTS: AN APPLICATION TO THE 4G TELECOMMUNICATIONS SECTOR. <i>Technological and Economic Development of Economy</i> , <b>2018</b> , 24, 1606-1629	4.7	2
63	Citation Classics in Consumer Neuroscience, Neuromarketing and Neuroaesthetics: Identification and Conceptual Analysis. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
62	Web platform for learning distributed databases[queries processing. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 827-834	1.6	2
61	Group decision making and soft consensus: Analyzing citation classics by means of H-Classics. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 251-259	1.6	2
60	An automatic skills standardization method based on subject expert knowledge extraction and semantic matching. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 857-864	1.6	2
59	A complementing preference based method for location recommendation with cellular data. <i>Knowledge-Based Systems</i> , <b>2019</b> , 183, 104889	7:3	2
58	Using clustering methods to deal with high number of alternatives on Group Decision Making. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 316-323	1.6	2
57	A vertical ranking technique for linguistic hesitant fuzzy sets. Soft Computing, 2020, 24, 8997-9009	3.5	2
56	Priority weights acquisition of linear uncertain preference relations and its application in the ranking of online shopping platforms. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 105, 107292	7.5	2

55	Consensus Reaching in Multiple Attribute Group Decision Making: A Multi-Stage Optimization Feedback Mechanism with Individual Bounded Confidences. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	2
54	A Multi-criteria Group Decision Making Procedure Based on a Multi-granular Linguistic Approach for Changeable Scenarios. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 284-295	0.9	2
53	Bounded Confidence Evolution of Opinions and Actions in Social Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
52	Deep Learning for Phishing Detection: Taxonomy, Current Challenges and Future Directions. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	2
51	Regret-Theoretic Multiattribute Decision-Making Model Using Three-Way Framework in Multiscale Information Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2022</b> , 1-14	10.2	2
50	Assisting Users in Decisions Using Fuzzy Ontologies: Application in the Wine Market. <i>Mathematics</i> , <b>2020</b> , 8, 1724	2.3	1
49	Solving Sensor Identification Problem Without Knowledge of the Ground Truth Using Replicator Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	1
48	Granular fuzzy pay-off method for real option valuation. <i>Expert Systems With Applications</i> , <b>2020</b> , 159, 113597	7.8	1
47	Confidence based consensus model for intuitionistic fuzzy preference relations 2017,		1
46	Aggregation of unbalanced fuzzy linguistic information in decision problems based on Type-1 OWA operator <b>2015</b> ,		1
45	A fuzzy linguistic quality evaluation model for digital libraries 2010,		1
44	Consensus with Linguistic Preferences in Web 2.0 Communities <b>2009</b> ,		1
43	Consistency of Reciprocal Preference Relations. <i>IEEE International Conference on Fuzzy Systems</i> , <b>2007</b> ,		1
42	Profiling clients in the tourism sector using fuzzy linguistic models based on 2-tuples. <i>Procedia Computer Science</i> , <b>2022</b> , 199, 718-724	1.6	1
41	Heterogeneous Knowledge Learning of Predictive Academic Intelligence in Transportation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-19	6.1	1
40	A Fuzzy Linguistic Recommender System to Advice Research Resources in University Digital Libraries <b>2008</b> , 567-585		1
39	Designing a Solar Photovoltaic System for Generating Renewable Energy of a Hospital: Performance Analysis and Adjustment Based on RSM and ANFIS Approaches. <i>Mathematics</i> , <b>2021</b> , 9, 292	<u>9</u> 2.3	1
38	IFMIF-DONES as Paradigm of Institutional Funding in the Way towards Sustainable Energy. <i>Sustainability</i> , <b>2021</b> , 13, 13093	3.6	1

37	Information consistent degree-based clustering method for large-scale group decision-making with linear uncertainty distributions information. <i>International Journal of Intelligent Systems</i> ,	8.4	1
36	Improving the User-System Interaction in a Web Multi-agent System Using Fuzzy Multi-granular Linguistic Information. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 390-403	0.9	1
35	Co-patentsIrommercialization: evidence from China. <i>Economic Research-Ekonomska Istrazivanja</i> , <b>2021</b> , 34, 1709-1726	2.5	1
34	A Universal Decision Making Model for Restructuring Networks Based on Markov Random Fields. Lecture Notes in Computer Science, <b>2018</b> , 164-173	0.9	1
33	Strategies for Incorporating Knowledge Defects and Path Length in Trust Aggregation. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 450-459	0.9	1
32	A New Adaptive Consensus Reaching Process Based on the Experts Importance. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 474-483	0.9	1
31	Consensual Processes Based on Mobile Technologies and Dynamic Information. <i>Studies in Fuzziness and Soft Computing</i> , <b>2011</b> , 317-337	0.7	1
30	A Learning Web Platform Based on a Fuzzy Linguistic Recommender System to Help Students to Learn Recommendation Techniques. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 493-500	0.9	1
29	An Extended LibQUAL+ Model Based on Fuzzy Linguistic Information. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 90-101	0.9	1
28	A modified class of correlation coefficients of hesitant fuzzy information. <i>Soft Computing</i> , <b>2021</b> , 25, 70	)09 <del>5.</del> 702	281
27	Choice degrees in decision-making: A comparison between intuitionistic and fuzzy preference relations approaches <b>2016</b> ,		1
26	Leveraging Users[Trust and Reputation in Social Networks. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 955	-9 <b>62</b> 6	1
25	Reducing criteria values in multi-criteria group decision making methods using hierarchical clustering methods and fuzzy ontologies. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	1
24	Data set quality in Machine Learning: Consistency measure based on Group Decision Making. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 106, 107366	7.5	1
23	Strategies to Manage Ignorance Situations in Multiperson Decision Making Problems. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 34-45	0.9	1
22	Functional Representation of the Intentional Bounded Rationality of Decision-Makers: A Laboratory to Study the Decisions a Priori. <i>Mathematics</i> , <b>2022</b> , 10, 739	2.3	1
21	Mapping the Intellectual Structure of the International Journal of Computers Communications and		О
	Control: A Content Analysis from 2015 to 2019. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 296-303	0.4	

19	A Bibliometric Analysis of IEEE T-ITS Literature Between 2010 and 2019. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-10	6.1	О
18	Risk assessment in project management by a graph-theory-based group decision making method with comprehensive linguistic preference information. <i>Economic Research-Ekonomska Istrazivanja</i> ,1-30	2.5	O
17	An agent-based modeling for collective scene criticality assessment in multi-UV systems. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 11, 5153-5165	3.7	
16	A Statistical Study for Quantifier-Guided Dominance and Non-Dominance Degrees for the Selection of Alternatives in Group Decision Making Problems. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 383-392	0.4	
15	Soft approaches to information access on the Web: An introduction to the special issue. <i>Information Processing and Management</i> , <b>2012</b> , 48, 387-389	6.3	
14	New Consistency Properties for Preference Relations <b>2006</b> , 121-131		
13	People® Perception of Experimental Installations for Sustainable Energy: The Case of IFMIF-DONES. <i>Sustainability</i> , <b>2022</b> , 14, 899	3.6	
12	Multi-objective Evolutionary Algorithms in the Automatic Learning of Boolean Queries: A Comparative Study <b>2007</b> , 71-80		
11	Combining Heterogeneous Information in Group Decision Making <b>2003</b> , 81-92		
10	Definicifi, legislacifi y normativa para el tratamiento de los documentos histficos generados en la Administracifi Pfilica espa <del>fi</del> la y andaluza. <i>Revista Espanola De Documentacion Cientifica</i> , <b>2019</b> , 42, 249	0.7	
9	Actualidad en estudios LibQUAL+[]: paradigmas de la biblioteca informativa y social-creadora y cuestifi de gfiero como reflejos de la realidad social. <i>Revista Espanola De Documentacion Cientifica</i> , <b>2020</b> , 43, 264	0.7	
8	Managing Situations with High Number of Elements in Group Decision Making. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 926-931	0.9	
7	Modelling Group Decision Making Problems in Changeable Conditions. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 43-54	0.9	
6	A Model for Generating Related Weighted Boolean Queries. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 429-438	0.9	
5	A Methodology for Redesigning Networks by Using Markov Random Fields. <i>Mathematics</i> , <b>2021</b> , 9, 1389	2.3	
4	Looking Over the Research Literature on Software Engineering from 2016 to 2018. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 712-719	1.6	
3	A comparative analysis between two statistical deviationBased consensus measures in Group Decision Making problems. <i>Procedia Computer Science</i> , <b>2019</b> , 162, 571-578	1.6	
2	High-Accuracy Online Calibration Scheme for Large-Scale Integrated Photonic Interferometric Measurements. <i>IEEE Photonics Journal</i> , <b>2022</b> , 1-1	1.8	

#### LIST OF PUBLICATIONS

A Multi-Objective Genetic Algorithm for Learning Linguistic Persistent Queries in Text Retrieval Environments **2006**, 601-627