# Xinyue Liu

## List of Publications by Year in Descending Order

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|---|---|---|---|
| **378** papers | **26,689** citations | **85** h-index | **157** g-index |
| **410** ext. papers | **31,381** ext. citations | **5** avg, IF | **7.74** L-index |

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 378 | People's Perception of Experimental Installations for Sustainable Energy: The Case of IFMIF-DONES. *Sustainability*, **2022**, 14, 899 | 3.6 | |
| 377 | Two stage feedback mechanism with different power structures for consensus in large-scale group decision-making. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1 | 8.3 | 9 |
| 376 | Profiling clients in the tourism sector using fuzzy linguistic models based on 2-tuples. *Procedia Computer Science*, **2022**, 199, 718-724 | 1.6 | 1 |
| 375 | A Bibliometric Analysis of IEEE T-ITS Literature Between 2010 and 2019. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10 | 6.1 | 0 |
| 374 | Deep Learning for Phishing Detection: Taxonomy, Current Challenges and Future Directions. *IEEE Access*, **2022**, 1-1 | 3.5 | 2 |
| 373 | Functional Representation of the Intentional Bounded Rationality of Decision-Makers: A Laboratory to Study the Decisions a Priori. *Mathematics*, **2022**, 10, 739 | 2.3 | 1 |
| 372 | High-Accuracy Online Calibration Scheme for Large-Scale Integrated Photonic Interferometric Measurements. *IEEE Photonics Journal*, **2022**, 1-1 | 1.8 | |
| 371 | Regret-Theoretic Multiattribute Decision-Making Model Using Three-Way Framework in Multiscale Information Systems. *IEEE Transactions on Cybernetics*, **2022**, 1-14 | 10.2 | 2 |
| 370 | Smartphone-based systems for physical rehabilitation applications: A systematic review. *Assistive Technology*, **2021**, 33, 223-236 | 1.5 | 15 |
| 369 | A Dynamic Adaptive Subgroup-to-Subgroup Compatibility-Based Conflict Detection and Resolution Model for Multicriteria Large-Scale Group Decision Making. *IEEE Transactions on Cybernetics*, **2021**, 51, 4784-4795 | 10.2 | 22 |
| 368 | Mapping the Intellectual Structure of the International Journal of Computers Communications and Control: A Content Analysis from 2015 to 2019. *Advances in Intelligent Systems and Computing*, **2021**, 296-303 | 0.4 | 0 |
| 367 | Designing a Solar Photovoltaic System for Generating Renewable Energy of a Hospital: Performance Analysis and Adjustment Based on RSM and ANFIS Approaches. *Mathematics*, **2021**, 9, 2929 | 2.3 | 1 |
| 366 | Enhancing Big Data Feature Selection Using a Hybrid Correlation-Based Feature Selection. *Electronics (Switzerland)*, **2021**, 10, 2984 | 2.6 | 3 |
| 365 | IFMIF-DONES as Paradigm of Institutional Funding in the Way towards Sustainable Energy. *Sustainability*, **2021**, 13, 13093 | 3.6 | 1 |
| 364 | A Generalized Belief Entropy With Nonspecificity and Structural Conflict. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-14 | 7.3 | 5 |
| 363 | Co-patents commercialization: evidence from China. *Economic Research-Ekonomska Istrazivanja*, **2021**, 34, 1709-1726 | 2.5 | 1 |
| 362 | A modified class of correlation coefficients of hesitant fuzzy information. *Soft Computing*, **2021**, 25, 7009-7028 | 3.5 | 1 |

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| 361 | An Enhanced Spectral Clustering Algorithm with S-Distance. *Symmetry*, **2021**, 13, 596 | 2.7 | 7 |
| 360 | Citation Classics in Consumer Neuroscience, Neuromarketing and Neuroaesthetics: Identification and Conceptual Analysis. *Brain Sciences*, **2021**, 11, | 3.4 | 2 |
| 359 | A Two-stage subgroup Decision-making method for processing Large-scale information. *Expert Systems With Applications*, **2021**, 171, 114586 | 7.8 | 22 |
| 358 | A Methodology for Redesigning Networks by Using Markov Random Fields. *Mathematics*, **2021**, 9, 1389 | 2.3 | |
| 357 | Additive and Multiplicative Consistency Modeling for Incomplete Linear Uncertain Preference Relations and Its Weight Acquisition. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 805-819 | 8.3 | 7 |
| 356 | Reciprocal Recommender Systems: Analysis of state-of-art literature, challenges and opportunities towards social recommendation. *Information Fusion*, **2021**, 69, 103-127 | 16.7 | 16 |
| 355 | 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. *Information Fusion*, **2021**, 68, 22-36 | 16.7 | 16 |
| 354 | A cyclic dynamic trust-based consensus model for large-scale group decision making with probabilistic linguistic information. *Applied Soft Computing Journal*, **2021**, 100, 106937 | 7.5 | 14 |
| 353 | Algorithms to Detect and Rectify Multiplicative and Ordinal Inconsistencies of Fuzzy Preference Relations. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3498-3511 | 7.3 | 15 |
| 352 | . *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3900-3910 | 7.3 | 30 |
| 351 | A New Consensus Model Based on Trust Interactive Weights for Intuitionistic Group Decision Making in Social Networks. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 3 |
| 350 | . *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 5-21 | 7.3 | 5 |
| 349 | Two-Fold Personalized Feedback Mechanism for Social Network Consensus by Uninorm Interval Trust Propagation. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 21 |
| 348 | Reducing criteria values in multi-criteria group decision making methods using hierarchical clustering methods and fuzzy ontologies. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1 | 8.3 | 1 |
| 347 | . *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 191-208 | 7.3 | 46 |
| 346 | . *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1 | 8.3 | 13 |
| 345 | Alzheimers Patient Analysis Using Image and Gene Expression Data and Explainable-AI to Present Associated Genes. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 70, 1-7 | 5.2 | 7 |
| 344 | . *IEEE Access*, **2021**, 9, 95608-95621 | 3.5 | 10 |

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| 325 | Personalized individual semantics-based approach for linguistic failure modes and effects analysis with incomplete preference information. *IISE Transactions*, **2020**, 52, 1275-1296 | 3.3 | 36 |
| 324 | Large-Scale decision-making: Characterization, taxonomy, challenges and future directions from an Artificial Intelligence and applications perspective. *Information Fusion*, **2020**, 59, 84-102 | 16.7 | 82 |
| 323 | . *IEEE Access*, **2020**, 8, 11595-11614 | 3.5 | 5 |
| 322 | . *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-13 | 7.3 | 30 |
| 321 | Assessment of Energy Systems Using Extended Fuzzy AHP, Fuzzy VIKOR, and TOPSIS Approaches to Manage Non-Cooperative Opinions. *Sustainability*, **2020**, 12, 2745 | 3.6 | 25 |
| 320 | The probe for the weighted dual probabilistic linguistic correlation coefficient to invest an artificial intelligence project. *Soft Computing*, **2020**, 24, 15389-15408 | 3.5 | 5 |
| 319 | An agent-based modeling for collective scene criticality assessment in multi-UV systems. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 5153-5165 | 3.7 | |
| 318 | DeciTrustNET: A graph based trust and reputation framework for social networks. *Information Fusion*, **2020**, 61, 101-112 | 16.7 | 6 |
| 317 | . *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1 | 8.3 | 32 |
| 316 | Heterogeneous Knowledge Learning of Predictive Academic Intelligence in Transportation. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-19 | 6.1 | 1 |
| 315 | Software tools for conducting bibliometric analysis in science: An up-to-date review. *Profesional De La Informacion*, **2020**, 29, | 3.7 | 122 |
| 314 | Noticias sobre Covid-19 y 2019-nCoV en medios de comunicació de Españ: el papel de los medios digitales en tiempos de confinamiento. *Profesional De La Informacion*, **2020**, 29, | 3.7 | 30 |
| 313 | Global trends in coronavirus research at the time of Covid-19: A general bibliometric approach and content analysis using SciMAT. *Profesional De La Informacion*, **2020**, 29, | 3.7 | 26 |
| 312 | Actualidad en estudios LibQUAL+ : paradigmas de la biblioteca informativa y social-creadora y cuestió de gĥero como reflejos de la realidad social. *Revista Espanola De Documentacion Cientifica*, **2020**, 43, 264 | 0.7 | |
| 311 | Managing Situations with High Number of Elements in Group Decision Making. *Lecture Notes in Computer Science*, **2020**, 926-931 | 0.9 | |
| 310 | Consistency and consensus modeling of linear uncertain preference relations. *European Journal of Operational Research*, **2020**, 283, 290-307 | 5.6 | 53 |
| 309 | Estimating incomplete information in group decision making: A framework of granular computing. *Applied Soft Computing Journal*, **2020**, 86, 105930 | 7.5 | 26 |
| 308 | Group Decision Making with Interval-Valued Intuitionistic Multiplicative Linguistic Preference Relations. *Group Decision and Negotiation*, **2020**, 29, 169-206 | 2.5 | 7 |

| 307 | Trust based group decision making in environments with extreme uncertainty. *Knowledge-Based Systems*, **2020**, 191, 105168 | 7.3 | 6 |
| 306 | A context-aware embeddings supported method to extract a fuzzy sentiment polarity dictionary. *Knowledge-Based Systems*, **2020**, 190, 105236 | 7.3 | 7 |
| 305 | Opinion Mining, Sentiment Analysis and Emotion Understanding in Advertising: A Bibliometric Analysis. *IEEE Access*, **2020**, 8, 134563-134576 | 3.5 | 15 |
| 304 | Fuzzy logic expert system for selecting robotic hands using kinematic parameters. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 1553-1564 | 3.7 | 5 |
| 303 | A novel multi-criteria group decision-making method for heterogeneous and dynamic contexts using multi-granular fuzzy linguistic modelling and consensus measures. *Information Fusion*, **2020**, 53, 240-250 | 16.7 | 50 |
| 302 | Consensus Reaching With Time Constraints and Minimum Adjustments in Group With Bounded Confidence Effects. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2466-2479 | 8.3 | 20 |
| 301 | A vertical ranking technique for linguistic hesitant fuzzy sets. *Soft Computing*, **2020**, 24, 8997-9009 | 3.5 | 2 |
| 300 | Collective Scenario Understanding in a Multivehicle System by Consensus Decision Making. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1984-1995 | 8.3 | 7 |
| 299 | Variances with Bonferroni means and ordered weighted averages. *International Journal of Intelligent Systems*, **2019**, 34, 3020-3045 | 8.4 | 8 |
| 298 | The Influence of Personal and Organizational Factors on Researchers Attitudes towards Sustainable Research Productivity in Saudi Universities. *Sustainability*, **2019**, 11, 4804 | 3.6 | 5 |
| 297 | Carrying out consensual Group Decision Making processes under social networks using sentiment analysis over comparative expressions. *Knowledge-Based Systems*, **2019**, 165, 335-345 | 7.3 | 63 |
| 296 | Hospitality brand management by a score-based q-rung orthopair fuzzy V.I.K.O.R. method integrated with the best worst method. *Economic Research-Ekonomska Istrazivanja*, **2019**, 32, 3272-3301 | 2.5 | 9 |
| 295 | Dealing with incomplete information in linguistic group decision making by means of Interval Type-2 Fuzzy Sets. *International Journal of Intelligent Systems*, **2019**, 34, 1261-1280 | 8.4 | 16 |
| 294 | Consistent fuzzy preference relation with geometric Bonferroni mean: a fused preference method for assessing the quality of life. *Applied Intelligence*, **2019**, 49, 2672-2683 | 4.9 | 7 |
| 293 | Mining university rankings: Publication output and citation impact as their basis. *Research Evaluation*, **2019**, 28, 232-240 | 1.7 | 12 |
| 292 | Expanding Grey Relational Analysis With the Comparable Degree for Dual Probabilistic Multiplicative Linguistic Term Sets and its Application on the Cloud Enterprise. *IEEE Access*, **2019**, 7, 75041-75057 | 3.5 | 7 |
| 291 | A procedure for group decision making with interval-valued intuitionistic linguistic fuzzy preference relations. *Fuzzy Optimization and Decision Making*, **2019**, 18, 493-527 | 5.1 | 18 |
| 290 | An interval-valued intuitionistic fuzzy DEMATEL method combined with Choquet integral for sustainable solid waste management. *Engineering Applications of Artificial Intelligence*, **2019**, 82, 207-215 | 7.2 | 53 |

289 | Production Trends, Collaboration, and Main Topics of the Integrative and Complementary Oncology Research Area: A Bibliometric Analysis. *Integrative Cancer Therapies*, **2019**, 18, 1534735419846401 | 3 | 20

288 | Dealing with group decision-making environments that have a high amount of alternatives using card-sorting techniques. *Expert Systems With Applications*, **2019**, 127, 187-198 | 7.8 | 16

287 | Preference evolution with deceptive interactions and heterogeneous trust in bounded confidence model: A simulation analysis. *Knowledge-Based Systems*, **2019**, 175, 87-95 | 7.3 | 11

286 | Are incomplete and self-confident preference relations better in multicriteria decision making? A simulation-based investigation. *Information Sciences*, **2019**, 492, 40-57 | 7.7 | 23

285 | A social network based approach for consensus achievement in multiperson decision making. *Information Fusion*, **2019**, 47, 72-87 | 16.7 | 102

284 | . *IEEE Access*, **2019**, 7, 94822-94839 | 3.5 | 13

283 | An Alternative Consensus Model of Additive Preference Relations for Group Decision Making Based on the Ordinal Consistency. *International Journal of Fuzzy Systems*, **2019**, 21, 1818-1830 | 3.6 | 8

282 | A business process clustering algorithm using incremental covering arrays to explore search space and balanced Bayesian information criterion to evaluate quality of solutions. *PLoS ONE*, **2019**, 14, e0217686 | 3.7 | 2

281 | Assessing physical activity and functional fitness level using convolutional neural networks. *Knowledge-Based Systems*, **2019**, 185, 104939 | 7.3 | 4

280 | Proyecto Histocarto: aplicación de SIGs (georreferenciación y geolocalización) para mejorar la recuperación de la documentación histórica gráfica. *Profesional De La Informacion*, **2019**, 28, | 3.7 | 2

279 | MACHINE LEARNING METHODS FOR SYSTEMIC RISK ANALYSIS IN FINANCIAL SECTORS. *Technological and Economic Development of Economy*, **2019**, 25, 716-742 | 4.7 | 127

278 | Definición, legislación y normativa para el tratamiento de los documentos históricos generados en la Administración Pública española y andaluza. *Revista Espanola De Documentacion Cientifica*, **2019**, 42, 249 | 0.7 |

277 | Multiple criteria group decision making method based on extended hesitant fuzzy sets with unknown weight information. *Applied Soft Computing Journal*, **2019**, 78, 310-323 | 7.5 | 28

276 | Latent Dirichlet Allocation (LDA) for improving the topic modeling of the official bulletin of the spanish state (BOE). *Procedia Computer Science*, **2019**, 162, 207-214 | 1.6 | 5

275 | Web platform for learning distributed databases queries processing. *Procedia Computer Science*, **2019**, 162, 827-834 | 1.6 | 2

274 | Leveraging Users Trust and Reputation in Social Networks. *Procedia Computer Science*, **2019**, 162, 955-962 | 1.6 | 1

273 | A comparison between Fuzzy Linguistic RFM Model and traditional RFM model applied to Campaign Management. Case study of retail business.. *Procedia Computer Science*, **2019**, 162, 281-289 | 1.6 | 3

272 | A cloud-based tool for sentiment analysis in reviews about restaurants on TripAdvisor. *Procedia Computer Science*, **2019**, 162, 392-399 | 1.6 | 9

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| 271 | Group decision making and soft consensus: Analyzing citation classics by means of H-Classics. *Procedia Computer Science*, **2019**, 162, 251-259 | 1.6 | 2 |
| 270 | Looking Over the Research Literature on Software Engineering from 2016 to 2018. *Procedia Computer Science*, **2019**, 162, 712-719 | 1.6 | |
| 269 | Application of an opinion consensus aggregation model based on OWA operators to the recommendation of tourist sites. *Procedia Computer Science*, **2019**, 162, 539-546 | 1.6 | 4 |
| 268 | A risk-aware fuzzy linguistic knowledge-based recommender system for hedge funds. *Procedia Computer Science*, **2019**, 162, 916-923 | 1.6 | 3 |
| 267 | An automatic skills standardization method based on subject expert knowledge extraction and semantic matching. *Procedia Computer Science*, **2019**, 162, 857-864 | 1.6 | 2 |
| 266 | A complementing preference based method for location recommendation with cellular data. *Knowledge-Based Systems*, **2019**, 183, 104889 | 7.3 | 2 |
| 265 | A comparative analysis between two statistical deviation-based consensus measures in Group Decision Making problems. *Procedia Computer Science*, **2019**, 162, 571-578 | 1.6 | |
| 264 | Using clustering methods to deal with high number of alternatives on Group Decision Making. *Procedia Computer Science*, **2019**, 162, 316-323 | 1.6 | 2 |
| 263 | An incremental method to detect communities in dynamic evolving social networks. *Knowledge-Based Systems*, **2019**, 163, 404-415 | 7.3 | 80 |
| 262 | An overview on managing additive consistency of reciprocal preference relations for consistency-driven decision making and fusion: Taxonomy and future directions. *Information Fusion*, **2019**, 52, 143-156 | 16.7 | 86 |
| 261 | Fuzzy Group Decision Making for influence-aware recommendations. *Computers in Human Behavior*, **2019**, 101, 371-379 | 7.7 | 33 |
| 260 | Group Decision Making with Heterogeneous Preference Structures: An Automatic Mechanism to Support Consensus Reaching. *Group Decision and Negotiation*, **2019**, 28, 585-617 | 2.5 | 80 |
| 259 | Multiple Attribute Strategic Weight Manipulation With Minimum Cost in a Group Decision Making Context With Interval Attribute Weights Information. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1981-1992 | 7.3 | 75 |
| 258 | Fuzzy clustering approach for brain tumor tissue segmentation in magnetic resonance images. *Soft Computing*, **2019**, 23, 10105-10117 | 3.5 | 6 |
| 257 | An automatic procedure to create fuzzy ontologies from users opinions using sentiment analysis procedures and multi-granular fuzzy linguistic modelling methods. *Information Sciences*, **2019**, 476, 222-238 | 7.7 | 61 |
| 256 | Utilizing multi-source data in popularity prediction for shop-type recommendation. *Knowledge-Based Systems*, **2019**, 165, 253-267 | 7.3 | 6 |
| 255 | Twenty years of Soft Computing: a bibliometric overview. *Soft Computing*, **2019**, 23, 1477-1497 | 3.5 | 20 |
| 254 | Sorting of decision-making methods based on their outcomes using dominance-vector hesitant fuzzy-based distance. *Soft Computing*, **2019**, 23, 1109-1121 | 3.5 | 13 |

| 253 | A comparative study on consensus measures in group decision making. *International Journal of Intelligent Systems*, **2018**, 33, 1624-1638 | 8.4 | 82 |
|---|---|---|---|
| 252 | Analysing discussions in social networks using group decision making methods and sentiment analysis. *Information Sciences*, **2018**, 447, 157-168 | 7.7 | 45 |
| 251 | An analysis of consensus approaches based´on different concepts of coincidence. *Journal of Intelligent and Fuzzy Systems*, **2018**, 34, 2247-2259 | 1.6 | 7 |
| 250 | A group decision making support system for the Web: How to work in environments with a high number of participants and alternatives. *Applied Soft Computing Journal*, **2018**, 68, 191-201 | 7.5 | 23 |
| 249 | Fuzzy rankings for preferences modeling in group decision making. *International Journal of Intelligent Systems*, **2018**, 33, 1555-1570 | 8.4 | 17 |
| 248 | A Bibliometric Analysis of the First Twenty-Five Years of the International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems. *International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems*, **2018**, 26, 169-193 | 0.8 | 51 |
| 247 | Quantifying the emotional impact of events on locations with social media. *Knowledge-Based Systems*, **2018**, 146, 44-57 | 7.3 | 15 |
| 246 | Granulating linguistic information in decision making under consensus and consistency. *Expert Systems With Applications*, **2018**, 99, 83-92 | 7.8 | 86 |
| 245 | Business process outsourcing enhanced by fuzzy linguistic consensus model. *Applied Soft Computing Journal*, **2018**, 64, 436-444 | 7.5 | 12 |
| 244 | Highly cited papers in rheumatology: identification and conceptual analysis. *Scientometrics*, **2018**, 116, 555-568 | 3 | 13 |
| 243 | . *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3276-3288 | 8.3 | 139 |
| 242 | Methods to improve the ordinal and multiplicative consistency for reciprocal preference relations. *Applied Soft Computing Journal*, **2018**, 67, 479-493 | 7.5 | 40 |
| 241 | Multiple criteria analysis of environmental sustainability and quality of life in post-Soviet states. *Ecological Indicators*, **2018**, 89, 781-807 | 5.8 | 22 |
| 240 | How to select a promising enterprise for venture capitalists with prospect theory under intuitionistic fuzzy circumstance?. *Applied Soft Computing Journal*, **2018**, 67, 756-763 | 7.5 | 38 |
| 239 | Contractor Selection for Construction Projects Using Consensus Tools and Big Data. *International Journal of Fuzzy Systems*, **2018**, 20, 1267-1281 | 3.6 | 22 |
| 238 | . *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 884-898 | 8.3 | 202 |
| 237 | Strategic weight manipulation in multiple attribute decision making. *Omega*, **2018**, 75, 154-164 | 7.2 | 145 |
| 236 | Type-1 OWA Unbalanced Fuzzy Linguistic Aggregation Methodology: Application to Eurobonds Credit Risk Evaluation. *International Journal of Intelligent Systems*, **2018**, 33, 1071-1088 | 8.4 | 17 |

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| 235 | Fuzzy Group Decision Making With Incomplete Information Guided by Social Influence. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 1704-1718 | 8.3 | 180 |
| 234 | 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 | 0.4 | |
| 233 | A minimum adjustment cost feedback mechanism based consensus model for group decision making under social network with distributed linguistic trust. *Information Fusion*, **2018**, 41, 232-242 | 16.7 | 181 |
| 232 | Entropy Measures for Hesitant Fuzzy Linguistic Term Sets Using the Concept of Interval-Transformed Hesitant Fuzzy Elements. *International Journal of Fuzzy Systems*, **2018**, 20, 2122-2134 | 3.6 | 20 |
| 231 | A recommender system based on implicit feedback for selective dissemination of ebooks. *Information Sciences*, **2018**, 467, 87-98 | 7.7 | 20 |
| 230 | Consensus reaching in social network group decision making: Research paradigms and challenges. *Knowledge-Based Systems*, **2018**, 162, 3-13 | 7.3 | 267 |
| 229 | Sharing notes: An academic social network based on a personalized fuzzy linguistic recommender system. *Engineering Applications of Artificial Intelligence*, **2018**, 75, 1-10 | 7.2 | 21 |
| 228 | Energy Optimization Using a Case-Based Reasoning Strategy. *Sensors*, **2018**, 18, | 3.8 | 85 |
| 227 | Ten Years of Sustainability (2009 to 2018): A Bibliometric Overview. *Sustainability*, **2018**, 10, 1655 | 3.6 | 63 |
| 226 | On dynamic consensus processes in group decision making problems. *Information Sciences*, **2018**, 459, 20-35 | 7.7 | 131 |
| 225 | Fuzzy Logic Models for Non-Programmed Decision-Making in Personnel Selection Processes Based on Gamification. *Informatica*, **2018**, 29, 1-20 | 2.9 | 43 |
| 224 | PRIORITIZATION OF THE LAUNCH OF ICT PRODUCTS AND SERVICES THROUGH LINGUISTIC MULTI-CRITERIA DECISION-MAKING. *Technological and Economic Development of Economy*, **2018**, 24, 1231-1257 | 4.7 | 5 |
| 223 | A MODEL TO OBTAIN A SERVPERF SCALE EVALUATION OF THE CRM CUSTOMER COMPLAINTS: AN APPLICATION TO THE 4G TELECOMMUNICATIONS SECTOR. *Technological and Economic Development of Economy*, **2018**, 24, 1606-1629 | 4.7 | 2 |
| 222 | A science mapping analysis of Communication WoS subject category (1980-2013). *Comunicar*, **2018**, 26, 81-91 | 3.2 | 48 |
| 221 | A Universal Decision Making Model for Restructuring Networks Based on Markov Random Fields. *Lecture Notes in Computer Science*, **2018**, 164-173 | 0.9 | 1 |
| 220 | An aggregation approach for solving the non-linear fractional equality Knapsack problem. *Expert Systems With Applications*, **2018**, 110, 323-334 | 7.8 | 4 |
| 219 | Hesitant Fuzzy Linguistic Term Set and Its Application in Decision Making: A State-of-the-Art Survey. *International Journal of Fuzzy Systems*, **2018**, 20, 2084-2110 | 3.6 | 153 |
| 218 | Meta-heuristic framework: Quantum inspired binary grey wolf optimizer for unit commitment problem. *Computers and Electrical Engineering*, **2018**, 70, 243-260 | 4.3 | 52 |

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| 217 | Leveraging Localized Social Media Insights for Industry Early Warning Systems. *International Journal of Information Technology and Decision Making*, **2018**, 17, 357-385 | 2.8 | 4 |
| 216 | Industry 4.0: a perspective based on bibliometric analysis. *Procedia Computer Science*, **2018**, 139, 364-371 | 1.6 | 31 |
| 215 | A new influence based network for opinion propagation in social network based scenarios. *Procedia Computer Science*, **2018**, 139, 329-337 | 1.6 | 6 |
| 214 | An Intuitionistic Multiplicative ORESTE Method for Patients' Prioritization of Hospitalization. *International Journal of Environmental Research and Public Health*, **2018**, 15, | 4.6 | 13 |
| 213 | Thin Cap Fibroatheroma Detection in Virtual Histology Images Using Geometric and Texture Features. *Applied Sciences (Switzerland)*, **2018**, 8, 1632 | 2.6 | 3 |
| 212 | A Fuzzy Linguistic Extended LibQUAL+ Model to Assess Service Quality in Academic Libraries. *International Journal of Information Technology and Decision Making*, **2017**, 16, 225-244 | 2.8 | 9 |
| 211 | Soft consensus measures in group decision making using unbalanced fuzzy linguistic information. *Soft Computing*, **2017**, 21, 3037-3050 | 3.5 | 112 |
| 210 | Evaluation of the hotels e-services quality under the user s experience. *Soft Computing*, **2017**, 21, 995-1011 | 3.5 | 29 |
| 209 | Personalized individual semantics in computing with words for supporting linguistic group decision making. An application on consensus reaching. *Information Fusion*, **2017**, 33, 29-40 | 16.7 | 236 |
| 208 | A visual interaction consensus model for social network group decision making with trust propagation. *Knowledge-Based Systems*, **2017**, 122, 39-50 | 7.3 | 215 |
| 207 | . *IEEE Transactions on Big Data*, **2017**, 1-1 | 3.2 | 33 |
| 206 | A consensus model for hesitant fuzzy preference relations and its application in water allocation management. *Applied Soft Computing Journal*, **2017**, 58, 265-284 | 7.5 | 146 |
| 205 | Linguistic multi-criteria decision-making model with output variable expressive richness. *Expert Systems With Applications*, **2017**, 83, 350-362 | 7.8 | 13 |
| 204 | Group decision-making based on heterogeneous preference relations with self-confidence. *Fuzzy Optimization and Decision Making*, **2017**, 16, 429-447 | 5.1 | 115 |
| 203 | Qu est pasando en el rea de Trabajo Social seg n el Web of Science. *Cuadernos De Trabajo Social* , **2017**, 30, 125-134 | 0.2 | 3 |
| 202 | A new methodology for identifying unreliable sensors in data fusion. *Knowledge-Based Systems*, **2017**, 136, 85-96 | 7.3 | 6 |
| 201 | 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 |
| 200 | Analysing the scientific evolution of e-Government using a science mapping approach. *Government Information Quarterly*, **2017**, 34, 545-555 | 7.6 | 57 |

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| 199 | Some bibliometric procedures for analyzing and evaluating research fields. *Applied Intelligence*, **2017**, 48, 1275 | 4.9 | 51 |
| 198 | An alternative calculation of the consensus degree in group decision making problems. *Procedia Computer Science*, **2017**, 122, 735-742 | 1.6 | 5 |
| 197 | Aggregation operators in group decision making: Identifying citation classics via H-classics. *Procedia Computer Science*, **2017**, 122, 902-909 | 1.6 | 3 |
| 196 | Workplace assessment by fuzzy decision tree and TOPSIS methodologies to manage the occupational safety and health performance. *Journal of Intelligent and Fuzzy Systems*, **2017**, 33, 1209-1224 | 1.6 | 6 |
| 195 | Strategic weight manipulation in multiple attribute decision making in an incomplete information context **2017**, | | 2 |
| 194 | Confidence based consensus model for intuitionistic fuzzy preference relations **2017**, | | 1 |
| 193 | An analysis on consensus measures in group decision making **2017**, | | 3 |
| 192 | An improvement of multiplicative consistency of reciprocal preference relations: A framework of granular computing **2017**, | | 2 |
| 191 | Consensus in Group Decision Making and Social Networks. *Studies in Informatics and Control*, **2017**, 26, | 2.1 | 17 |
| 190 | Fuzzy Linguistic Recommender Systems for the Selective Diffusion of Information in Digital Libraries. *Journal of Information Processing Systems*, **2017**, | | 2 |
| 189 | Evaluation of scientific output in Dentistry in Spanish Universities. *Medicina Oral, Patologia Oral Y Cirugia Bucal*, **2017**, 22, e491-e499 | 2.6 | 5 |
| 188 | A Novel Android Application Design Based on Fuzzy Ontologies to Carry Out Local Based Group Decision Making Processes. *Lecture Notes in Computer Science*, **2016**, 289-300 | 0.9 | 3 |
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