

Jonathan Garibaldi

List of Publications by Year in descending order

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227
papers

6,303
citations

101543
36
h-index

85541
71
g-index

232
all docs

232
docs citations

232
times ranked

7787
citing authors

#	ARTICLE	IF	CITATIONS
1	Can machine-learning improve cardiovascular risk prediction using routine clinical data?. PLoS ONE, 2017, 12, e0174944.	2.5	814
2	Global Histone Modifications in Breast Cancer Correlate with Tumor Phenotypes, Prognostic Factors, and Patient Outcome. Cancer Research, 2009, 69, 3802-3809.	0.9	417
3	Real-Time Correlation-Based Stereo Vision with Reduced Border Errors. International Journal of Computer Vision, 2002, 47, 229-246.	15.6	359
4	Root gravitropism is regulated by a transient lateral auxin gradient controlled by a tipping-point mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4668-4673.	7.1	304
5	Umbilical cord blood gas analysis at delivery: a time for quality data. BJOG: an International Journal of Obstetrics and Gynaecology, 1994, 101, 1054-1063.	2.3	195
6	Type-1 OWA operators for aggregating uncertain information with uncertain weights induced by type-2 linguistic quantifiers. Fuzzy Sets and Systems, 2008, 159, 3281-3296.	2.7	149
7	Uncertain Fuzzy Reasoning: A Case Study in Modelling Expert Decision Making. IEEE Transactions on Fuzzy Systems, 2007, 15, 16-30.	9.8	140
8	A multicentre comparative study of 17 experts and an intelligent computer system for managing labour using the cardiotocogram. BJOG: an International Journal of Obstetrics and Gynaecology, 1995, 102, 688-700.	2.3	129
9	A new accuracy measure based on bounded relative error for time series forecasting. PLoS ONE, 2017, 12, e0174202.	2.5	127
10	A "non-parametric" version of the naive Bayes classifier. Knowledge-Based Systems, 2011, 24, 775-784.	7.1	113
11	Parameter Estimation Using Metaheuristics in Systems Biology: A Comprehensive Review. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 185-202.	3.0	112
12	From Interval-Valued Data to General Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2015, 23, 248-269.	9.8	99
13	Using Rule-Based Machine Learning for Candidate Disease Gene Prioritization and Sample Classification of Cancer Gene Expression Data. PLoS ONE, 2012, 7, e39932.	2.5	95
14	ArrayMining: a modular web-application for microarray analysis combining ensemble and consensus methods with cross-study normalization. BMC Bioinformatics, 2009, 10, 358.	2.6	85
15	An Intelligent Multi-Restart Memetic Algorithm for Box Constrained Global Optimisation. Evolutionary Computation, 2013, 21, 107-147.	3.0	84
16	Nottingham Prognostic Index Plus (NPI+): a modern clinical decision making tool in breast cancer. British Journal of Cancer, 2014, 110, 1688-1697.	6.4	84
17	Nonstationary Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2008, 16, 1072-1086.	9.8	80
18	Supervised machine learning algorithms for protein structure classification. Computational Biology and Chemistry, 2009, 33, 216-223.	2.3	77

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19	Automatic detection of protected health information from clinic narratives. Journal of Biomedical Informatics, 2015, 58, S30-S38.	4.3	69
20	Idiotypic Immune Networks in Mobile-Robot Control. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1581-1598.	5.0	65
21	Biology of primary breast cancer in older women treated by surgery: with correlation with long-term clinical outcome and comparison with their younger counterparts. British Journal of Cancer, 2013, 108, 1042-1051.	6.4	65
22	A hybrid model for automatic identification of risk factors for heart disease. Journal of Biomedical Informatics, 2015, 58, S171-S182.	4.3	64
23	Application of simulated annealing fuzzy model tuning to umbilical cord acid-base interpretation. IEEE Transactions on Fuzzy Systems, 1999, 7, 72-84.	9.8	62
24	On Constructing Parsimonious Type-2 Fuzzy Logic Systems via Influential Rule Selection. IEEE Transactions on Fuzzy Systems, 2009, 17, 654-667.	9.8	59
25	p53 Status Identifies Two Subgroups of Triple-negative Breast Cancers with Distinct Biological Features. Japanese Journal of Clinical Oncology, 2011, 41, 172-179.	1.3	59
26	Alpha-Level Aggregation: A Practical Approach to Type-1 OWA Operation for Aggregating Uncertain Information with Applications to Breast Cancer Treatments. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1455-1468.	5.7	57
27	A methodology to identify consensus classes from clustering algorithms applied to immunohistochemical data from breast cancer patients. Computers in Biology and Medicine, 2010, 40, 318-330.	7.0	55
28	Input Uncertainty Sensitivity Enhanced Nonsingleton Fuzzy Logic Controllers for Long-Term Navigation of Quadrotor UAVs. IEEE/ASME Transactions on Mechatronics, 2018, 23, 725-734.	5.8	52
29	Fuzzy Multiple Heuristic Orderings for Examination Timetabling. Lecture Notes in Computer Science, 2005, , 334-353.	1.3	50
30	Receiver operating characteristic analysis for intelligent medical systems-a new approach for finding confidence intervals. IEEE Transactions on Biomedical Engineering, 2000, 47, 952-963.	4.2	48
31	Attention by Selection: A Deep Selective Attention Approach to Breast Cancer Classification. IEEE Transactions on Medical Imaging, 2020, 39, 1930-1941.	8.9	47
32	KI67 and DLX2 predict increased risk of metastasis formation in prostate cancer—a targeted molecular approach. British Journal of Cancer, 2016, 115, 236-242.	6.4	43
33	An investigation of fuzzy multiple heuristic orderings in the construction of university examination timetables. Computers and Operations Research, 2009, 36, 981-1001.	4.0	42
34	RERG (Ras-like, oestrogen-regulated, growth-inhibitor) expression in breast cancer: a marker of ER-positive luminal-like subtype. Breast Cancer Research and Treatment, 2011, 128, 315-326.	2.5	41
35	Similarity between interval-valued fuzzy sets taking into account the width of the intervals and admissible orders. Fuzzy Sets and Systems, 2020, 390, 23-47.	2.7	41
36	Identification of key clinical phenotypes of breast cancer using a reduced panel of protein biomarkers. British Journal of Cancer, 2013, 109, 1886-1894.	6.4	40

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37	The Application of a Dendritic Cell Algorithm to a Robotic Classifier. Lecture Notes in Computer Science, 2007, , 204-215.	1.3	38
38	An End-to-End Deep Learning Histochemical Scoring System for Breast Cancer TMA. IEEE Transactions on Medical Imaging, 2019, 38, 617-628.	8.9	37
39	Constructing General Type-2 fuzzy sets from interval-valued data. , 2012, , .		36
40	Nottingham Prognostic Index Plus: Validation of a clinical decision making tool in breast cancer in an independent series. Journal of Pathology: Clinical Research, 2016, 2, 32-40.	3.0	36
41	MysiRNA-Designer: A Workflow for Efficient siRNA Design. PLoS ONE, 2011, 6, e25642.	2.5	35
42	Characteristics of basal cytokeratin expression in breast cancer. Breast Cancer Research and Treatment, 2013, 139, 23-37.	2.5	32
43	DRU-Net: An Efficient Deep Convolutional Neural Network for Medical Image Segmentation. , 2020, , .		32
44	The 2007 IEEE CEC simulated car racing competition. Genetic Programming and Evolvable Machines, 2008, 9, 295-329.	2.2	31
45	Incorporation of expert variability into breast cancer treatment recommendation in designing clinical protocol guided fuzzy rule system models. Journal of Biomedical Informatics, 2012, 45, 447-459.	4.3	31
46	Frequency analysis for dendritic cell population tuning. Evolutionary Intelligence, 2008, 1, 145-157.	3.6	30
47	Improved Uncertainty Capture for Nonsingleton Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1513-1524.	9.8	30
48	A fast community detection method in bipartite networks by distance dynamics. Physica A: Statistical Mechanics and Its Applications, 2018, 496, 108-120.	2.6	30
49	Combining clustering and classification ensembles: A novel pipeline to identify breast cancer profiles. Artificial Intelligence in Medicine, 2019, 97, 27-37.	6.5	30
50	Robust mixture clustering using Pearson type VII distribution. Pattern Recognition Letters, 2010, 31, 2447-2454.	4.2	29
51	ADONiS Adaptive Online Nonsingleton Fuzzy Logic Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2302-2312.	9.8	29
52	Type-1 or interval type-2 fuzzy logic systems — On the relationship of the amount of uncertainty and FOU size. , 2014, , .		28
53	Positive mood on the day of influenza vaccination predicts vaccine effectiveness: A prospective observational cohort study. Brain, Behavior, and Immunity, 2018, 67, 314-323.	4.1	27
54	The evaluation of an expert system for the analysis of umbilical cord blood. Artificial Intelligence in Medicine, 1999, 17, 109-130.	6.5	24

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55	A fuzzy toolbox for the R programming language. , 2011, , .		24
56	A quantifier-based fuzzy classification system for breast cancer patients. Artificial Intelligence in Medicine, 2013, 58, 175-184.	6.5	24
57	Nottingham prognostic index plus (NPI+) predicts risk of distant metastases in primary breast cancer. Breast Cancer Research and Treatment, 2016, 157, 65-75.	2.5	24
58	Modeling and control of operator functional state in a unified framework of fuzzy inference petri nets. Computer Methods and Programs in Biomedicine, 2017, 144, 147-163.	4.7	24
59	A Comprehensive Study of the Efficiency of Type-Reduction Algorithms. IEEE Transactions on Fuzzy Systems, 2021, 29, 1556-1566.	9.8	24
60	Toward a Framework for Capturing Interpretability of Hierarchical Fuzzy Systemsâ€”A Participatory Design Approach. IEEE Transactions on Fuzzy Systems, 2021, 29, 1160-1172.	9.8	24
61	MysiRNA: Improving siRNA efficacy prediction using a machine-learning model combining multi-tools and whole stacking energy (I ² C). Journal of Biomedical Informatics, 2012, 45, 528-534.	4.3	23
62	Adaptive neuro-fuzzy inference system (ANFIS) in modelling breast cancer survival. , 2010, , .		22
63	Comparison of algorithms that detect drug side effects using electronic healthcare databases. Soft Computing, 2013, 17, 2381-2397.	3.6	22
64	The Barriers and Motivators to Using Human Tissues for Research: The Views of UK-Based Biomedical Researchers. Biopreservation and Biobanking, 2020, 18, 266-273.	1.0	22
65	The development and implementation of an expert system for the analysis of umbilical cord blood. Artificial Intelligence in Medicine, 1997, 10, 129-144.	6.5	21
66	Similarity based applications for data-driven concept and word models based on type-1 and type-2 fuzzy sets. , 2013, , .		21
67	Fuzzy Grid Scheduling Using Tabu Search. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	20
68	A Direct Approach for Determining the Switch Points in the Karnikâ€”Mendel Algorithm. IEEE Transactions on Fuzzy Systems, 2018, 26, 1079-1085.	9.8	20
69	Shared Potential Fields and their place in a multi-robot co-ordination taxonomy. Robotics and Autonomous Systems, 2009, 57, 1048-1055.	5.1	19
70	On aggregating uncertain information by type-2 OWA operators for soft decision making. International Journal of Intelligent Systems, 2010, 25, n/a-n/a.	5.7	19
71	A supervised adverse drug reaction signalling framework imitating Bradford Hillâ€™s causality considerations. Journal of Biomedical Informatics, 2015, 56, 356-368.	4.3	19
72	A Comparison of Three Different Methods for Classification of Breast Cancer Data. , 2008, , .		18

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73	Constrained type-2 fuzzy sets. , 2011, , .		18
74	A comparison of Type-1 and Type-2 fuzzy controllers in a micro-robot context. , 2009, , .		17
75	Context-Dependent Fuzzy Systems With Application to Time-Series Prediction. IEEE Transactions on Fuzzy Systems, 2014, 22, 778-790.	9.8	17
76	A similarity-based inference engine for non-singleton fuzzy logic systems. , 2016, , .		17
77	Constrained Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2021, 29, 1212-1225.	9.8	17
78	FUZZY METHODS FOR MEDICAL DIAGNOSIS. Applied Artificial Intelligence, 2004, 19, 69-98.	3.2	16
79	Geometrical insights into the dendritic cell algorithm. , 2009, , .		16
80	Identifying Heavy Goods Vehicle Driving Styles in the United Kingdom. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3324-3336.	8.0	16
81	Umbilical cord blood gas analysis at the time of delivery. Midwifery, 1996, 12, 146-150.	2.3	15
82	GP challenge: evolving energy function for protein structure prediction. Genetic Programming and Evolvable Machines, 2010, 11, 61-88.	2.2	15
83	A preliminary study on automatic breast cancer data classification using semi-supervised fuzzy c-means. International Journal of Biomedical Engineering and Technology, 2013, 13, 303.	0.2	15
84	An exploration of issues and limitations in current methods of TOPSIS and fuzzy TOPSIS. , 2016, , .		15
85	Interpretability and Complexity of Design in the Creation of Fuzzy Logic Systems “A User Study. , 2018, , .		15
86	Indoor Topological Localization Using a Visual Landmark Sequence. Remote Sensing, 2019, 11, 73.	4.0	15
87	Modelling cyber-security experts' decision making processes using aggregation operators. Computers and Security, 2016, 62, 229-245.	6.0	14
88	A Comment on “A Direct Approach for Determining the Switch Points in the Karnik–Mendel Algorithm” IEEE Transactions on Fuzzy Systems, 2018, 26, 3905-3907.	9.8	14
89	Psychological interventions as vaccine adjuvants: A systematic review. Vaccine, 2019, 37, 3255-3266.	3.8	14
90	Search Strategies in Structural Bioinformatics. Current Protein and Peptide Science, 2008, 9, 260-274.	1.4	13

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91	Signalling Paediatric Side Effects using an Ensemble of Simple Study Designs. Drug Safety, 2014, 37, 163-170.	3.2	13
92	3D map-guided single indoor image localization refinement. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 13-26.	11.1	13
93	End-to-End Fovea Localisation in Colour Fundus Images With a Hierarchical Deep Regression Network. IEEE Transactions on Medical Imaging, 2021, 40, 116-128.	8.9	13
94	Relative geometry-aware siamese neural network for 6DOF camera relocalization. Neurocomputing, 2021, 426, 134-146.	5.9	13
95	An Idiotypic Immune Network as a Short-Term Learning Architecture for Mobile Robots. Lecture Notes in Computer Science, 2008, , 266-278.	1.3	13
96	A novel fuzzy clustering algorithm for the analysis of axillary lymph node tissue sections. Applied Intelligence, 2007, 27, 237-248.	5.3	12
97	A Novel Semisupervised Algorithm for Rare Prescription Side Effect Discovery. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 537-547.	6.3	12
98	An improved game-theoretic approach to uncover overlapping communities. International Journal of Modern Physics C, 2017, 28, 1750112.	1.7	12
99	New Concepts Related to Non-Stationary Fuzzy Sets. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
100	An extended ANFIS architecture and its learning properties for type-1 and interval type-2 models. , 2016, , .		11
101	Deep Fuzzy Tree for Large-Scale Hierarchical Visual Classification. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	9.8	11
102	A fuzzy approach for the 2007 CIG simulated car racing competition. , 2008, , .		10
103	Constrained Interval Type-2 Fuzzy Classification Systems for Explainable AI (XAI). , 2020, , .		10
104	Practical detection of a definitive biomarker panel for Alzheimer's disease; comparisons between matched plasma and cerebrospinal fluid. International Journal of Molecular Epidemiology and Genetics, 2014, 5, 53-70.	0.4	10
105	Lattice models of peptide aggregation: Evaluation of conformational search algorithms. Journal of Computational Chemistry, 2005, 26, 1638-1646.	3.3	9
106	Interval type-2 fuzzy modelling and stochastic search for real-world inventory management. Soft Computing, 2012, 16, 1447-1459.	3.6	9
107	Exploring Subsethood to Determine Firing Strength in Non-Singleton Fuzzy Logic Systems. , 2018, , .		9
108	FuzzyR: An Extended Fuzzy Logic Toolbox for the R Programming Language. , 2020, , .		9

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109	Towards a More Systematic Approach to Secure Systems Design and Analysis. International Journal of Secure Software Engineering, 2013, 4, 11-30.	0.4	9
110	Two-timescale learning using idiotypic behaviour mediation for a navigating mobile robot. Applied Soft Computing Journal, 2010, 10, 876-887.	7.2	8
111	Discovering sequential patterns in a UK general practice database. , 2012, , .		8
112	Semi-Supervised Fuzzy Clustering with Feature Discrimination. PLoS ONE, 2015, 10, e0131160.	2.5	8
113	A comparative study on the control of quadcopter UAVs by using singleton and non-singleton fuzzy logic controllers. , 2016, , .		8
114	A new dynamic approach for non-singleton fuzzification in noisy time-series prediction. , 2017, , .		8
115	A Data-Centric Strategy for Modern Biobanking. Advances in Experimental Medicine and Biology, 2015, 864, 165-169.	1.6	8
116	The fuzzy medical group in the centre for computational Intelligence. Artificial Intelligence in Medicine, 2001, 21, 163-170.	6.5	7
117	Compact fuzzy rules induction and feature extraction using SVM with particle swarms for breast cancer treatments. , 2008, , .		7
118	Linguistic rulesets extracted from a quantifier-based fuzzy classification system. , 2009, , .		7
119	A novel dual-surface type-2 controller for micro robots. , 2010, , .		7
120	A comparison of distance-based semi-supervised fuzzy c-means clustering algorithms. , 2011, , .		7
121	A comparison of non-stationary, type-2 and dual surface fuzzy control. , 2011, , .		7
122	Robust Bayesian Clustering for Replicated Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1504-1514.	3.0	7
123	Investigating distance metric learning in semi-supervised fuzzy c-means clustering. , 2014, , .		7
124	Leaf classification using multiple feature analysis based on semi-supervised clustering. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1465-1477.	1.4	7
125	A multi-cycled sequential memetic computing approach for constrained optimisation. Information Sciences, 2016, 340-341, 175-190.	6.9	7
126	Vehicle Incident Hot Spots Identification: An Approach for Big Data. , 2017, , .		7

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127	A signalome screening approach in the autoinflammatory disease TNF receptor associated periodic syndrome (TRAPS) highlights the anti-inflammatory properties of drugs for repurposing. Pharmacological Research, 2017, 125, 188-200.	7.1	7
128	An Immune-Inspired Technique to Identify Heavy Goods Vehicles Incident Hot Spots. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 248-258.	4.9	7
129	On the Concept of Meaningfulness in Constrained Type-2 Fuzzy Sets. , 2019, , .		7
130	vrmlgen: AnRPackage for 3D Data Visualization on the Web. Journal of Statistical Software, 2010, 36, .	3.7	7
131	Determining Firing Strengths Through a Novel Similarity Measure to Enhance Uncertainty Handling in Non-singleton Fuzzy Logic Systems. , 2017, , .		7
132	A Novel Fuzzy Approach to Evaluate the Quality of Examination Timetabling. , 2006, , 327-346.		6
133	A novel memetic algorithm for constrained optimization. , 2010, , .		6
134	A Data Analysis Framework to Rank HGV Drivers. , 2015, , .		6
135	Exploring Constrained Type-2 Fuzzy Sets. , 2018, , .		6
136	Performance Optimization of a Fuzzy Entropy Based Feature Selection and Classification Framework. , 2018, , .		6
137	A Fast Inference and Type-Reduction Process for Constrained Interval Type-2 Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3323-3333.	9.8	6
138	Classifying in the Presence of Uncertainty: A DCA Perspective. Lecture Notes in Computer Science, 2010, , 75-87.	1.3	6
139	Juxtaposition of System Dynamics and Agent-Based Simulation for a Case Study in Immunosenescence. PLoS ONE, 2015, 10, e0118359.	2.5	6
140	The UK Clinical Research Collaboration (UKCRC) Tissue Directory and Coordination Centre: The UK's Centre for facilitating the Usage of Human Samples for Medical Research. Open Journal of Bioresources, 2017, 4, .	1.5	6
141	Machine learning can predict disease manifestations and outcomes in lymphangioleiomyomatosis. European Respiratory Journal, 2021, 57, 2003036.	6.7	6
142	Automated self-assembly programming paradigm: The impact of network topology. International Journal of Intelligent Systems, 2009, 24, 793-817.	5.7	5
143	Real-world transfer of evolved artificial immune system behaviours between small and large scale robotic platforms. Evolutionary Intelligence, 2010, 3, 123-136.	3.6	5
144	Robust mixture modeling using the Pearson type VII distribution. , 2010, , .		5

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145	An investigation into the relationship between type-2 FOU size and environmental uncertainty in robotic control. , 2012, , .		5
146	Comparing data-mining algorithms developed for longitudinal observational databases. , 2012, , .		5
147	Improving semi-supervised fuzzy c-means classification of Breast Cancer data using feature selection. , 2013, , .		5
148	Attributes for causal inference in electronic healthcare databases. , 2013, , .		5
149	Contrasting singleton type-1 and interval type-2 non-singleton type-1 fuzzy logic systems. , 2016, , .		5
150	Similarity-based non-singleton fuzzy logic control for improved performance in UAVs. , 2017, , .		5
151	Uncertainty-Aware Forecasting of Renewable Energy Sources. , 2020, , .		5
152	Noise Parameter Estimation for Non-Singleton Fuzzy Logic Systems. , 2018, , .		5
153	Genetic Algorithm Seeding of Idiotypic Networks for Mobile-Robot Navigation. SSRN Electronic Journal, 0, , .	0.4	5
154	Network Intrusion Detection Based on Dynamic Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2022, 30, 3460-3472.	9.8	5
155	A Constrained Parametric Approach for Modeling Uncertain Data. IEEE Transactions on Fuzzy Systems, 2022, 30, 3967-3978.	9.8	5
156	Extension of Restricted Equivalence Functions and Similarity Measures for Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2022, 30, 4005-4016.	9.8	5
157	Clustering of protein expression data: a benchmark of statistical and neural approaches. Soft Computing, 2011, 15, 1459-1469.	3.6	4
158	Evolving OWA operators for cyber security decision making problems. , 2013, , .		4
159	On transitioning from type-1 to interval type-2 fuzzy logic systems. , 2015, , .		4
160	Type-1 and interval type-2 ANFIS: A comparison. , 2017, , .		4
161	A Measure of Structural Complexity of Hierarchical Fuzzy Systems Adapted from Software Engineering. , 2019, , .		4
162	An Improved Complexity Measure in Hierarchical Fuzzy Systems. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
163	Juzzy Constrained: Software for Constrained Interval Type-2 Fuzzy Sets and Systems in Java. , 2020, , .		4
164	Type-1 OWA Operators in Aggregating Multiple Sources of Uncertain Information: Properties and Real-World Applications in Integrated Diagnosis. IEEE Transactions on Fuzzy Systems, 2021, 29, 2112-2121.	9.8	4
165	A Practical Approach to Type-1 OWA Operation for Soft Decision Making. , 2008, , .		4
166	Generalisations of the concept of a non-stationary fuzzy set - a starting point to a formal discussion. , 2008, , .		3
167	Evolutionary design of the energy function for protein structure prediction. , 2009, , .		3
168	Methods of interpretation of a non-stationary fuzzy system for the treatment of breast cancer. , 2009, , .		3
169	Type-1 OWA operator based non-stationary fuzzy decision support systems for breast cancer treatments. , 2009, , .		3
170	Context modelling in fuzzy systems. , 2012, , .		3
171	Exploring statistical attributes obtained from fuzzy agreement models. , 2014, , .		3
172	Personalising Mobile Advertising Based on Users' Installed Apps. , 2014, , .		3
173	A methodology for automatic classification of breast cancer immunohistochemical data using semi-supervised Fuzzy c-means. Central European Journal of Operations Research, 2014, 22, 475-499.	1.8	3
174	Ensemble fuzzy classifiers design using weighted aggregation criteria. , 2015, , .		3
175	A Novel Weighted Combination Method for Feature Selection using Fuzzy Sets. , 2019, , .		3
176	A Novel Meta Learning Framework for Feature Selection using Data Synthesis and Fuzzy Similarity. , 2020, , .		3
177	Designing the Hierarchical Fuzzy Systems Via FuzzyR Toolbox. , 2021, , .		3
178	LMISA: A Lightweight Multi-modality Image Segmentation Network via Domain Adaptation using Gradient Magnitude and Shape Constraint. Medical Image Analysis, 2022, , 102536.	11.6	3
179	Multicentre validation of an intelligent system for managing labour. Expert Systems With Applications, 1996, 11, 537-541.	7.6	2
180	Novel Developments in Fuzzy Clustering for the Classification of Cancerous Cells Using FTIR Spectroscopy. , 0, , 405-425.		2

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181	New Type-2 Rule Ranking Indices for Designing Parsimonious Interval Type-2 Fuzzy Logic Systems. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
182	Type-2 OWA operators - aggregating type-2 fuzzy sets in soft decision making. , 2008, , .		2
183	The implementation of a novel, bio-inspired, robotic security system. , 2009, , .		2
184	A framework for the application of decision trees to the analysis of SNPs data. , 2009, , .		2
185	A novel framework to elucidate core classes in a dataset. , 2010, , .		2
186	A fuzzy logic based Multi-criteria Group Decision Making system for the assesement of umbilical cord acid-base balance. , 2012, , .		2
187	Towards a method of identifying the causes of poor user experience on websites. , 2013, , .		2
188	A general type-II similarity based model for breast cancer grading with FTIR spectral data. , 2014, , .		2
189	Augmented Neural Networks for modelling consumer indebttness. , 2014, , .		2
190	Neural networks and AdaBoost algorithm based ensemble models for enhanced forecasting of nonlinear time series. , 2014, , .		2
191	A Simplified Method of FOU Design Utlising Simulated Annealing. , 2015, , .		2
192	Young adultsâ€™ attitudes to sharing whole-genome sequencing information: a university-based survey. BMC Medical Genomics, 2019, 12, 55.	1.5	2
193	Leveraging IT2 Input Fuzzy Sets in Non-Singleton Fuzzy Logic Systems to Dynamically Adapt to Varying Uncertainty Levels. , 2019, , .		2
194	Fuzzification of the OWA Operators for Aggregating Uncertain Information with Uncertain Weights. Studies in Fuzziness and Soft Computing, 2011, , 91-109.	0.8	2
195	The Transfer of Evolved Artificial Immune System Behaviours between Small and Large Scale Robotic Platforms. Lecture Notes in Computer Science, 2010, , 122-133.	1.3	2
196	Performance and Interpretability in Fuzzy Logic Systems â€“ Can We Have Both?. Communications in Computer and Information Science, 2020, , 571-584.	0.5	2
197	Lessons learned from the COVID-19 pandemic about sample access for research in the UK. BMJ Open, 2022, 12, e047309.	1.9	2
198	Clustering-Based Representation Learning through Output Translation and Its Application to Remote-Sensing Images. Remote Sensing, 2022, 14, 3361.	4.0	2

#	ARTICLE	IF	CITATIONS
199	A novel fuzzy inferencing methodology for simulated car racing. , 2008, , .		1
200	The complexities involved in the analysis of Fourier Transform Infrared Spectroscopy of breast cancer data with clustering algorithms. , 2011, , .		1
201	A framework for automatic modelling of survival using fuzzy inference. , 2012, , .		1
202	A comparative study of novel robust clustering algorithms. Intelligent Data Analysis, 2012, 16, 969-992.	0.9	1
203	An improved optimisation framework for fuzzy time-series prediction. , 2013, , .		1
204	A Data Mining Framework to Model Consumer Indebtedness with Psychological Factors. SSRN Electronic Journal, 0, , .	0.4	1
205	A Data Mining Framework to Model Consumer Indebtedness with Psychological Factors. , 2014, , .		1
206	Tuning a multiple classifier system for side effect discovery using genetic algorithms. , 2014, , .		1
207	Automatic Generation of ANFIS Rules in Modelling Breast Cancer Survival. , 2014, , .		1
208	A Comparison between Two Types of Fuzzy TOPSIS Method. , 2015, , .		1
209	Validation of a Quantifier-Based Fuzzy Classification System for Breast Cancer Patients on External Independent Cohorts. , 2016, , .		1
210	An Extension of the FuzzyR Toolbox for Non-Singleton Fuzzy Logic Systems. , 2021, , .		1
211	A Fuzzy Aggregation based Ensemble Framework for Accurate and Stable Feature Selection. , 2021, , .		1
212	Investigating Distance Metrics in Semi-supervised Fuzzy c-Means for Breast Cancer Classification. Lecture Notes in Computer Science, 2013, , 147-157.	1.3	1
213	Robust Dirichlet Process mixtures. , 2011, , .		0
214	Measuring healthcare decision aid effectiveness. , 2012, , .		0
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