

# Jonathan Garibaldi

## List of Publications by Year in descending order

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227  
papers

6,303  
citations

101543  
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232  
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232  
docs citations

232  
times ranked

7787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Intrusion Detection Based on Dynamic Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2022, 30, 3460-3472.	9.8	5
2	A Constrained Parametric Approach for Modeling Uncertain Data. IEEE Transactions on Fuzzy Systems, 2022, 30, 3967-3978.	9.8	5
3	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
4	Lessons learned from the COVID-19 pandemic about sample access for research in the UK. BMJ Open, 2022, 12, e047309.	1.9	2
5	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
6	Clustering-Based Representation Learning through Output Translation and Its Application to Remote-Sensing Images. Remote Sensing, 2022, 14, 3361.	4.0	2
7	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
8	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
9	Constrained Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2021, 29, 1212-1225.	9.8	17
10	A Comprehensive Study of the Efficiency of Type-Reduction Algorithms. IEEE Transactions on Fuzzy Systems, 2021, 29, 1556-1566.	9.8	24
11	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
12	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
13	Relative geometry-aware siamese neural network for 6DOF camera relocalization. Neurocomputing, 2021, 426, 134-146.	5.9	13
14	Designing the Hierarchical Fuzzy Systems Via FuzzyR Toolbox. , 2021, , .		3
15	An Extension of the FuzzyR Toolbox for Non-Singleton Fuzzy Logic Systems. , 2021, , .		1
16	A Fuzzy Aggregation based Ensemble Framework for Accurate and Stable Feature Selection. , 2021, , .		1
17	Machine learning can predict disease manifestations and outcomes in lymphangioleiomyomatosis. European Respiratory Journal, 2021, 57, 2003036.	6.7	6
18	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

#	ARTICLE	IF	CITATIONS
19	ADONIS Adaptive Online Nonsingleton Fuzzy Logic Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2302-2312.	9.8	29
20	Attention by Selection: A Deep Selective Attention Approach to Breast Cancer Classification. IEEE Transactions on Medical Imaging, 2020, 39, 1930-1941.	8.9	47
21	A Novel Meta Learning Framework for Feature Selection using Data Synthesis and Fuzzy Similarity. , 2020, , .		3
22	Constrained Interval Type-2 Fuzzy Classification Systems for Explainable AI (XAI). , 2020, , .		10
23	An Improved Complexity Measure in Hierarchical Fuzzy Systems. , 2020, , .		4
24	FuzzyR: An Extended Fuzzy Logic Toolbox for the R Programming Language. , 2020, , .		9
25	Juzzy Constrained: Software for Constrained Interval Type-2 Fuzzy Sets and Systems in Java. , 2020, , .		4
26	DRU-Net: An Efficient Deep Convolutional Neural Network for Medical Image Segmentation. , 2020, , .		32
27	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
28	3D map-guided single indoor image localization refinement. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 13-26.	11.1	13
29	Uncertainty-Aware Forecasting of Renewable Energy Sources. , 2020, , .		5
30	Performance and Interpretability in Fuzzy Logic Systems – Can We Have Both?. Communications in Computer and Information Science, 2020, , 571-584.	0.5	2
31	A Hybrid Evolutionary Strategy to Optimise Early-Stage Cancer Screening. , 2019, , .		0
32	A Measure of Structural Complexity of Hierarchical Fuzzy Systems Adapted from Software Engineering. , 2019, , .		4
33	On the Concept of Meaningfulness in Constrained Type-2 Fuzzy Sets. , 2019, , .		7
34	A Novel Weighted Combination Method for Feature Selection using Fuzzy Sets. , 2019, , .		3
35	Deep Fuzzy Tree for Large-Scale Hierarchical Visual Classification. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	9.8	11
36	Combining clustering and classification ensembles: A novel pipeline to identify breast cancer profiles. Artificial Intelligence in Medicine, 2019, 97, 27-37.	6.5	30

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37	Psychological interventions as vaccine adjuvants: A systematic review. Vaccine, 2019, 37, 3255-3266.	3.8	14
38	Young adults's attitudes to sharing whole-genome sequencing information: a university-based survey. BMC Medical Genomics, 2019, 12, 55.	1.5	2
39	Indoor Topological Localization Using a Visual Landmark Sequence. Remote Sensing, 2019, 11, 73.	4.0	15
40	Leveraging IT2 Input Fuzzy Sets in Non-Singleton Fuzzy Logic Systems to Dynamically Adapt to Varying Uncertainty Levels. , 2019, , .		2
41	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
42	Identifying Heavy Goods Vehicle Driving Styles in the United Kingdom. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3324-3336.	8.0	16
43	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
44	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
45	A Direct Approach for Determining the Switch Points in the Karnik's Mendel Algorithm. IEEE Transactions on Fuzzy Systems, 2018, 26, 1079-1085.	9.8	20
46	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
47	Direct Application of Convolutional Neural Network Features to Image Quality Assessment. , 2018, , .		0
48	Exploring Constrained Type-2 Fuzzy Sets. , 2018, , .		6
49	Interpretability and Complexity of Design in the Creation of Fuzzy Logic Systems – A User Study. , 2018, , .		15
50	Performance Optimization of a Fuzzy Entropy Based Feature Selection and Classification Framework. , 2018, , .		6
51	Exploring Subsethood to Determine Firing Strength in Non-Singleton Fuzzy Logic Systems. , 2018, , .		9
52	A Comment on “A Direct Approach for Determining the Switch Points in the Karnik's Mendel Algorithm” IEEE Transactions on Fuzzy Systems, 2018, 26, 3905-3907.	9.8	14
53	Noise Parameter Estimation for Non-Singleton Fuzzy Logic Systems. , 2018, , .		5
54	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

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55	Vehicle Incident Hot Spots Identification: An Approach for Big Data. , 2017, , .		7
56	Type-1 and interval type-2 ANFIS: A comparison. , 2017, , .		4
57	An improved game-theoretic approach to uncover overlapping communities. International Journal of Modern Physics C, 2017, 28, 1750112.	1.7	12
58	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
59	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
60	Similarity-based non-singleton fuzzy logic control for improved performance in UAVs. , 2017, , .		5
61	On Using Genetic Algorithm for Initialising Semi-supervised Fuzzy c-Means Clustering. Advances in Intelligent Systems and Computing, 2017, , 3-14.	0.6	0
62	Can machine-learning improve cardiovascular risk prediction using routine clinical data?. PLoS ONE, 2017, 12, e0174944.	2.5	814
63	A new dynamic approach for non-singleton fuzzification in noisy time-series prediction. , 2017, , .		8
64	A new accuracy measure based on bounded relative error for time series forecasting. PLoS ONE, 2017, 12, e0174202.	2.5	127
65	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
66	Determining Firing Strengths Through a Novel Similarity Measure to Enhance Uncertainty Handling in Non-singleton Fuzzy Logic Systems. , 2017, , .		7
67	Validation of a Quantifier-Based Fuzzy Classification System for Breast Cancer Patients on External Independent Cohorts. , 2016, , .		1
68	Contrasting singleton type-1 and interval type-2 non-singleton type-1 fuzzy logic systems. , 2016, , .		5
69	A similarity-based inference engine for non-singleton fuzzy logic systems. , 2016, , .		17
70	Improved Uncertainty Capture for Nonsingleton Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1513-1524.	9.8	30
71	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
72	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

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73	Modelling cyber-security experts' decision making processes using aggregation operators. Computers and Security, 2016, 62, 229-245.	6.0	14
74	An extended ANFIS architecture and its learning properties for type-1 and interval type-2 models. , 2016, , .		11
75	An exploration of issues and limitations in current methods of TOPSIS and fuzzy TOPSIS. , 2016, , .		15
76	A comparative study on the control of quadcopter UAVs by using singleton and non-singleton fuzzy logic controllers. , 2016, , .		8
77	KI67 and DLX2 predict increased risk of metastasis formation in prostate cancerâ€“a targeted molecular approach. British Journal of Cancer, 2016, 115, 236-242.	6.4	43
78	A multi-cycled sequential memetic computing approach for constrained optimisation. Information Sciences, 2016, 340-341, 175-190.	6.9	7
79	Leaf classification using multiple feature analysis based on semi-supervised clustering. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1465-1477.	1.4	7
80	On transitioning from type-1 to interval type-2 fuzzy logic systems. , 2015, , .		4
81	Semi-Supervised Fuzzy Clustering with Feature Discrimination. PLoS ONE, 2015, 10, e0131160.	2.5	8
82	Ensemble fuzzy classifiers design using weighted aggregation criteria. , 2015, , .		3
83	A Simplified Method of FOU Design Utilising Simulated Annealing. , 2015, , .		2
84	A Comparison between Two Types of Fuzzy TOPSIS Method. , 2015, , .		1
85	Adaptive Data Communication Interface: A User-Centric Visual Data Interpretation Framework. , 2015, , .		0
86	A Data Analysis Framework to Rank HGV Drivers. , 2015, , .		6
87	Automatic detection of protected health information from clinic narratives. Journal of Biomedical Informatics, 2015, 58, S30-S38.	4.3	69
88	A supervised adverse drug reaction signalling framework imitating Bradford Hillâ€™s causality considerations. Journal of Biomedical Informatics, 2015, 56, 356-368.	4.3	19
89	From Interval-Valued Data to General Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2015, 23, 248-269.	9.8	99
90	A hybrid model for automatic identification of risk factors for heart disease. Journal of Biomedical Informatics, 2015, 58, S171-S182.	4.3	64

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91	A Data-Centric Strategy for Modern Biobanking. <i>Advances in Experimental Medicine and Biology</i> , 2015, 864, 165-169.	1.6	8
92	Juxtaposition of System Dynamics and Agent-Based Simulation for a Case Study in Immunosenescence. <i>PLoS ONE</i> , 2015, 10, e0118359.	2.5	6
93	A Data Mining Framework to Model Consumer Indebtedness with Psychological Factors. , 2014, , .		1
94	Context-Dependent Fuzzy Systems With Application to Time-Series Prediction. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 778-790.	9.8	17
95	Tuning a multiple classifier system for side effect discovery using genetic algorithms. , 2014, , .		1
96	Nottingham Prognostic Index Plus (NPI+): a modern clinical decision making tool in breast cancer. <i>British Journal of Cancer</i> , 2014, 110, 1688-1697.	6.4	84
97	A general type-II similarity based model for breast cancer grading with FTIR spectral data. , 2014, , .		2
98	Exploring statistical attributes obtained from fuzzy agreement models. , 2014, , .		3
99	Investigating distance metric learning in semi-supervised fuzzy c-means clustering. , 2014, , .		7
100	Personalising Mobile Advertising Based on Users' Installed Apps. , 2014, , .		3
101	Automatic Generation of ANFIS Rules in Modelling Breast Cancer Survival. , 2014, , .		1
102	Identifying stable breast cancer subgroups using semi-supervised fuzzy c-means on a reduced panel of biomarkers. , 2014, , .		0
103	Type-1 or interval type-2 fuzzy logic systems &#x2014; On the relationship of the amount of uncertainty and FOU size. , 2014, , .		28
104	L-fuzzy inference. , 2014, , .		0
105	Augmented Neural Networks for modelling consumer indebttness. , 2014, , .		2
106	A methodology for automatic classification of breast cancer immunohistochemical data using semi-supervised Fuzzy c-means. <i>Central European Journal of Operations Research</i> , 2014, 22, 475-499.	1.8	3
107	Signalling Paediatric Side Effects using an Ensemble of Simple Study Designs. <i>Drug Safety</i> , 2014, 37, 163-170.	3.2	13
108	Neural networks and AdaBoost algorithm based ensemble models for enhanced forecasting of nonlinear time series. , 2014, , .		2

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109	A Novel Semisupervised Algorithm for Rare Prescription Side Effect Discovery. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 537-547.	6.3	12
110	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
111	A quantifier-based fuzzy classification system for breast cancer patients. Artificial Intelligence in Medicine, 2013, 58, 175-184.	6.5	24
112	Comparison of algorithms that detect drug side effects using electronic healthcare databases. Soft Computing, 2013, 17, 2381-2397.	3.6	22
113	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
114	Modelling distributions of the temporal membership grades for non-stationary fuzzy sets. , 2013, , .		0
115	Improving semi-supervised fuzzy c-means classification of Breast Cancer data using feature selection. , 2013, , .		5
116	An improved optimisation framework for fuzzy time-series prediction. , 2013, , .		1
117	Evolving OWA operators for cyber security decision making problems. , 2013, , .		4
118	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
119	Characteristics of basal cytokeratin expression in breast cancer. Breast Cancer Research and Treatment, 2013, 139, 23-37.	2.5	32
120	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
121	Interval type-2 fuzzy logic based robotic sailing. , 2013, , .		0
122	Attributes for causal inference in electronic healthcare databases. , 2013, , .		5
123	Similarity based applications for data-driven concept and word models based on type-1 and type-2 fuzzy sets. , 2013, , .		21
124	Towards a method of identifying the causes of poor user experience on websites. , 2013, , .		2
125	An Intelligent Multi-Restart Memetic Algorithm for Box Constrained Global Optimisation. Evolutionary Computation, 2013, 21, 107-147.	3.0	84
126	Investigating Distance Metrics in Semi-supervised Fuzzy c-Means for Breast Cancer Classification. Lecture Notes in Computer Science, 2013, , 147-157.	1.3	1



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127	Towards a More Systematic Approach to Secure Systems Design and Analysis. International Journal of Secure Software Engineering, 2013, 4, 11-30.	0.4	9
128	A framework for automatic modelling of survival using fuzzy inference. , 2012, , .		1
129	Measuring healthcare decision aid effectiveness. , 2012, , .		0
130	An investigation into the relationship between type-2 FOU size and environmental uncertainty in robotic control. , 2012, , .		5
131	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
132	Constructing General Type-2 fuzzy sets from interval-valued data. , 2012, , .		36
133	A comparative study of novel robust clustering algorithms. Intelligent Data Analysis, 2012, 16, 969-992.	0.9	1
134	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
135	Robust Bayesian Clustering for Replicated Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1504-1514.	3.0	7
136	Context modelling in fuzzy systems. , 2012, , .		3
137	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
138	MysiRNA: Improving siRNA efficacy prediction using a machine-learning model combining multi-tools and whole stacking energy (I <sup>2</sup> G). Journal of Biomedical Informatics, 2012, 45, 528-534.	4.3	23
139	Discovering sequential patterns in a UK general practice database. , 2012, , .		8
140	Comparing data-mining algorithms developed for longitudinal observational databases. , 2012, , .		5
141	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
142	A fuzzy logic based Multi-criteria Group Decision Making system for the assesement of umbilical cord acid-base balance. , 2012, , .		2
143	Interval type-2 fuzzy modelling and stochastic search for real-world inventory management. Soft Computing, 2012, 16, 1447-1459.	3.6	9
144	Constrained type-2 fuzzy sets. , 2011, , .		18

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145	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
146	The complexities involved in the analysis of Fourier Transform Infrared Spectroscopy of breast cancer data with clustering algorithms. , 2011, , .		1
147	A fuzzy toolbox for the R programming language. , 2011, , .		24
148	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
149	Clustering of protein expression data: a benchmark of statistical and neural approaches. Soft Computing, 2011, 15, 1459-1469.	3.6	4
150	A "non-parametric"™ version of the naive Bayes classifier. Knowledge-Based Systems, 2011, 24, 775-784.	7.1	113
151	A comparison of distance-based semi-supervised fuzzy c-means clustering algorithms. , 2011, , .		7
152	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
153	Robust Dirichlet Process mixtures. , 2011, , .		0
154	A comparison of non-stationary, type-2 and dual surface fuzzy control. , 2011, , .		7
155	Fuzzification of the OWA Operators for Aggregating Uncertain Information with Uncertain Weights. Studies in Fuzziness and Soft Computing, 2011, , 91-109.	0.8	2
156	MysiRNA-Designer: A Workflow for Efficient siRNA Design. PLoS ONE, 2011, 6, e25642.	2.5	35
157	Two-timescale learning using idiotypic behaviour mediation for a navigating mobile robot. Applied Soft Computing Journal, 2010, 10, 876-887.	7.2	8
158	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
159	GP challenge: evolving energy function for protein structure prediction. Genetic Programming and Evolvable Machines, 2010, 11, 61-88.	2.2	15
160	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
161	Robust mixture clustering using Pearson type VII distribution. Pattern Recognition Letters, 2010, 31, 2447-2454.	4.2	29
162	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

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163	A novel framework to elucidate core classes in a dataset. , 2010, , .		2
164	Adaptive neuro-fuzzy inference system (ANFIS) in modelling breast cancer survival. , 2010, , .		22
165	A novel dual-surface type-2 controller for micro robots. , 2010, , .		7
166	Robust mixture modeling using the Pearson type VII distribution. , 2010, , .		5
167	A novel memetic algorithm for constrained optimization. , 2010, , .		6
168	Classifying in the Presence of Uncertainty: A DCA Perspective. Lecture Notes in Computer Science, 2010, , 75-87.	1.3	6
169	vrmngen: AnRPackage for 3D Data Visualization on the Web. Journal of Statistical Software, 2010, 36, .	3.7	7
170	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
171	Evolutionary design of the energy function for protein structure prediction. , 2009, , .		3
172	Methods of interpretation of a non-stationary fuzzy system for the treatment of breast cancer. , 2009, , .		3
173	A comparison of Type-1 and Type-2 fuzzy controllers in a micro-robot context. , 2009, , .		17
174	Geometrical insights into the dendritic cell algorithm. , 2009, , .		16
175	Global Histone Modifications in Breast Cancer Correlate with Tumor Phenotypes, Prognostic Factors, and Patient Outcome. Cancer Research, 2009, 69, 3802-3809.	0.9	417
176	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
177	Automated self-assembly programming paradigm: The impact of network topology. International Journal of Intelligent Systems, 2009, 24, 793-817.	5.7	5
178	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
179	Shared Potential Fields and their place in a multi-robot co-ordination taxonomy. Robotics and Autonomous Systems, 2009, 57, 1048-1055.	5.1	19
180	Supervised machine learning algorithms for protein structure classification. Computational Biology and Chemistry, 2009, 33, 216-223.	2.3	77

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181	Type-1 OWA operator based non-stationary fuzzy decision support systems for breast cancer treatments. , 2009, , .		3
182	The implementation of a novel, bio-inspired, robotic security system. , 2009, , .		2
183	A framework for the application of decision trees to the analysis of SNPs data. , 2009, , .		2
184	Linguistic rulesets extracted from a quantifier-based fuzzy classification system. , 2009, , .		7
185	On Constructing Parsimonious Type-2 Fuzzy Logic Systems via Influential Rule Selection. IEEE Transactions on Fuzzy Systems, 2009, 17, 654-667.	9.8	59
186	The 2007 IEEE CEC simulated car racing competition. Genetic Programming and Evolvable Machines, 2008, 9, 295-329.	2.2	31
187	Frequency analysis for dendritic cell population tuning. Evolutionary Intelligence, 2008, 1, 145-157.	3.6	30
188	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
189	A Comparison of Three Different Methods for Classification of Breast Cancer Data. , 2008, , .		18
190	Nonstationary Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2008, 16, 1072-1086.	9.8	80
191	Type-2 OWA operators - aggregating type-2 fuzzy sets in soft decision making. , 2008, , .		2
192	Generalisations of the concept of a non-stationary fuzzy set - a starting point to a formal discussion. , 2008, , .		3
193	A fuzzy approach for the 2007 CIG simulated car racing competition. , 2008, , .		10
194	Compact fuzzy rules induction and feature extraction using SVM with particle swarms for breast cancer treatments. , 2008, , .		7
195	A novel fuzzy inferencing methodology for simulated car racing. , 2008, , .		1
196	Search Strategies in Structural Bioinformatics. Current Protein and Peptide Science, 2008, 9, 260-274.	1.4	13
197	An Idiotypic Immune Network as a Short-Term Learning Architecture for Mobile Robots. Lecture Notes in Computer Science, 2008, , 266-278.	1.3	13
198	A Practical Approach to Type-1 OWA Operation for Soft Decision Making. , 2008, , .		4

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199	New Concepts Related to Non-Stationary Fuzzy Sets. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	11
200	Fuzzy Grid Scheduling Using Tabu Search. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	20
201	Idiotypic Immune Networks in Mobile-Robot Control. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1581-1598.	5.0	65
202	Uncertain Fuzzy Reasoning: A Case Study in Modelling Expert Decision Making. IEEE Transactions on Fuzzy Systems, 2007, 15, 16-30.	9.8	140
203	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
204	A novel fuzzy clustering algorithm for the analysis of axillary lymph node tissue sections. Applied Intelligence, 2007, 27, 237-248.	5.3	12
205	The Application of a Dendritic Cell Algorithm to a Robotic Classifier. Lecture Notes in Computer Science, 2007, , 204-215.	1.3	38
206	A Novel Fuzzy Approach to Evaluate the Quality of Examination Timetabling. , 2006, , 327-346.		6
207	Lattice models of peptide aggregation: Evaluation of conformational search algorithms. Journal of Computational Chemistry, 2005, 26, 1638-1646.	3.3	9
208	Fuzzy Multiple Heuristic Orderings for Examination Timetabling. Lecture Notes in Computer Science, 2005, , 334-353.	1.3	50
209	FUZZY METHODS FOR MEDICAL DIAGNOSIS. Applied Artificial Intelligence, 2004, 19, 69-98.	3.2	16
210	Real-Time Correlation-Based Stereo Vision with Reduced Border Errors. International Journal of Computer Vision, 2002, 47, 229-246.	15.6	359
211	The fuzzy medical group in the centre for computational Intelligence. Artificial Intelligence in Medicine, 2001, 21, 163-170.	6.5	7
212	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
213	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
214	The evaluation of an expert system for the analysis of umbilical cord blood. Artificial Intelligence in Medicine, 1999, 17, 109-130.	6.5	24
215	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
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