

Oscar Cordon

List of Publications by Year in Descending Order

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

227
papers

6,355
citations

39
h-index

74
g-index

248
ext. papers

7,243
ext. citations

4.2
avg, IF

5.97
L-index

#	Paper	IF	Citations
227	Fuzzy Clustering to Encode Contextual Information in Artistic Image Classification. <i>Communications in Computer and Information Science</i> , 2022 , 355-366	0.3	
226	Forensic Identification by Craniofacial Superimposition Using Fuzzy Set Theory. <i>Studies in Fuzziness and Soft Computing</i> , 2021 , 231-242	0.7	
225	A framework of opinion dynamics using fuzzy linguistic 2-tuples. <i>Knowledge-Based Systems</i> , 2021 , 233, 107559	7.3	2
224	Coral reefs optimization algorithms for agent-based model calibration. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 100, 104170	7.2	0
223	Deep architectures for the segmentation of frontal sinuses in X-ray images: Towards an automatic forensic identification system in comparative radiography. <i>Neurocomputing</i> , 2021 , 456, 575-575	5.4	0
222	Evolutionary Multiobjective Optimization for Automatic Agent-Based Model Calibration: A Comparative Study. <i>IEEE Access</i> , 2021 , 9, 55284-55299	3.5	0
221	Simulating the influence of terror management strategies on the voter ideological distance using agent-based modeling. <i>Telematics and Informatics</i> , 2021 , 63, 101656	8.1	1
220	Community detection and social network analysis based on the Italian wars of the 15th century. <i>Future Generation Computer Systems</i> , 2020 , 113, 25-40	7.5	5
219	Marketing analysis of wineries using social collective behavior from users' temporal activity on Twitter. <i>Information Processing and Management</i> , 2020 , 57, 102220	6.3	8
218	MEPROCS Craniofacial Superimposition Framework 2020 , 139-152		
217	Experimental Study of Craniofacial Superimposition Methodologies, Tools, and Criteria 2020 , 105-138		
216	Introduction to Craniofacial Superimposition 2020 , 1-4		0
215	Importance of Craniofacial Superimposition in Forensic Identification: Historical Perspective 2020 , 5-9		
214	Craniofacial Superimposition Techniques 2020 , 51-84		
213	Deep architectures for high-resolution multi-organ chest X-ray image segmentation. <i>Neural Computing and Applications</i> , 2020 , 32, 15949-15963	4.8	7
212	Handbook on Craniofacial Superimposition 2020 ,		3
211	Evolutionary multiobjective optimization to target social network influentials in viral marketing. <i>Expert Systems With Applications</i> , 2020 , 147, 113183	7.8	14

210	Modeling agent-based consumers decision-making with 2-tuple fuzzy linguistic perceptions. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 283-299	8.4	7
209	Performance analysis of real-coded evolutionary algorithms under a computationally expensive optimization scenario: 3D-2D Comparative Radiography. <i>Applied Soft Computing Journal</i> , 2020 , 97, 106793-5	7.5	2
208	2020 ,		1
207	Advanced visualization of Twitter data for its analysis as a communication channel in traditional companies. <i>Progress in Artificial Intelligence</i> , 2019 , 8, 307-323	4	3
206	A multicriteria integral framework for agent-based model calibration using evolutionary multiobjective optimization and network-based visualization. <i>Decision Support Systems</i> , 2019 , 124, 113111-11	5.6	12
205	Improving Comparative Radiography by Multi-resolution 3D-2D Evolutionary Image Registration. <i>Lecture Notes in Computer Science</i> , 2019 , 99-110	0.9	1
204	. <i>IEEE Computational Intelligence Magazine</i> , 2019 , 14, 69-81	5.6	90
203	. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 1481-1494	8	6
202	A Robust and Efficient Method for Skull-Face Overlay in Computerized Craniofacial Superimposition. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 1960-1974	8	6
201	Coral Reef Optimization with substrate layers for medical Image Registration. <i>Swarm and Evolutionary Computation</i> , 2018 , 42, 138-159	9.8	24
200	moGrams: A Network-Based Methodology for Visualizing the Set of Nondominated Solutions in Multiobjective Optimization. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 474-485	10.2	6
199	Hierarchical information fusion for decision making in craniofacial superimposition. <i>Information Fusion</i> , 2018 , 39, 25-40	16.7	16
198	Mono-modal Medical Image Registration with Coral Reef Optimization. <i>Lecture Notes in Computer Science</i> , 2018 , 222-234	0.9	
197	3D-2D silhouette-based image registration for comparative radiography-based forensic identification. <i>Pattern Recognition</i> , 2018 , 83, 469-480	7.7	14
196	New Application of 3D VFH Descriptors in Archaeological Categorization: A Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 229-236	0.4	1
195	Metaheuristics for Medical Image Registration 2018 , 1079-1101		3
194	Improved image registration in skull-face overlay using expert knowledge. <i>Progress in Artificial Intelligence</i> , 2017 , 6, 285-298	4	
193	An agent-based model for understanding the influence of the 11-M terrorist attacks on the 2004 Spanish elections. <i>Knowledge-Based Systems</i> , 2017 , 123, 200-216	7.3	27

192	Genetic algorithms for skull-face overlay including mandible articulation. <i>Information Sciences</i> , 2017 , 420, 200-217	7.7	10
191	Coral Reef Optimization for intensity-based medical image registration 2017 ,		1
190	Multimodal optimization: An effective framework for model calibration. <i>Information Sciences</i> , 2017 , 375, 79-97	7.7	20
189	An experimental study on fuzzy distances for skullface overlay in craniofacial superimposition. <i>Fuzzy Sets and Systems</i> , 2017 , 318, 100-119	3.7	5
188	A multiobjective model and evolutionary algorithms for robust time and space assembly line balancing under uncertain demand. <i>Omega</i> , 2016 , 58, 55-68	7.2	48
187	A network-based approach for diversity visualization of fuzzy classifier ensembles 2016 ,		1
186	Experimental study of different aggregation functions for modeling craniofacial correspondence in craniofacial superimposition 2016 ,		1
185	Special Issue on Computational Intelligence Software Guest Editorial. <i>IEEE Computational Intelligence Magazine</i> , 2016 , 11, 13-14	5.6	
184	Deformable models direct supervised guidance: A novel paradigm for automatic image segmentation. <i>Neurocomputing</i> , 2016 , 177, 317-333	5.4	2
183	A survey on image segmentation using metaheuristic-based deformable models: state of the art and critical analysis. <i>Applied Soft Computing Journal</i> , 2016 , 44, 1-29	7.5	51
182	Design of criteria to assess craniofacial correspondence in forensic identification based on computer vision and fuzzy integrals. <i>Applied Soft Computing Journal</i> , 2016 , 46, 596-612	7.5	14
181	Propuesta de rankings de universidades españolas en redes sociales. <i>Profesional De La Informacion</i> , 2016 , 25, 684	3.7	3
180	Metaheuristics for Medical Image Registration 2016 , 1-22		1
179	Incorporating awareness and genetic-based viral marketing strategies to a consumer behavior model 2016 ,		1
178	Evolutionary Image Registration in Craniofacial Superimposition: Modeling and Incorporating Expert Knowledge. <i>Lecture Notes in Computer Science</i> , 2016 , 353-362	0.9	
177	Identimod: Modeling and managing brand value using soft computing. <i>Decision Support Systems</i> , 2016 , 89, 41-55	5.6	9
176	Modeling Facial Soft Tissue Thickness for Automatic Skull-Face Overlay. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 2057-2070	8	14
175	Interactive preferences in multiobjective ant colony optimisation for assembly line balancing. <i>Soft Computing</i> , 2015 , 19, 2891-2903	3.5	13

174	Dispersion assessment in the location of facial landmarks on photographs. <i>International Journal of Legal Medicine</i> , 2015 , 129, 227-36	3.1	33
173	Bacterial Foraging Optimization for intensity-based medical image registration 2015 ,		3
172	A comparative study on the application of advanced bacterial foraging models to image registration. <i>Information Sciences</i> , 2015 , 295, 160-181	7.7	30
171	Detecting Key Variables in System Dynamics Modelling by Using Social Network Metrics. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2015 , 207-217	0.4	2
170	Some of My Memories with Enric Trillas during the Last 20 Years: A Small Tribute to an Outstanding Researcher and an Even Better Person. <i>Studies in Fuzziness and Soft Computing</i> , 2015 , 191-205	0.7	
169	Applying Random Linear Oracles with Fuzzy Classifier Ensembles on WiFi Indoor Localization Problem. <i>Studies in Fuzziness and Soft Computing</i> , 2015 , 277-287	0.7	1
168	Three-objective subgraph mining using multiobjective evolutionary programming. <i>Journal of Computer and System Sciences</i> , 2014 , 80, 16-26	1	14
167	Computer vision and soft computing for automatic skull-face overlay in craniofacial superimposition. <i>Forensic Science International</i> , 2014 , 245, 77-86	2.6	19
166	Cost-Sensitive Learning of Fuzzy Rules for Imbalanced Classification Problems Using FURIA. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2014 , 22, 643-675	0.8	8
165	A case study of innovative population-based algorithms in 3D modeling: Artificial bee colony, biogeography-based optimization, harmony search. <i>Expert Systems With Applications</i> , 2014 , 41, 1750-1762	7.8	16
164	Computational intelligence in production and logistics systems: solving vehicle routing, supply chain network, and air-traffic trajectory planning problems [guest editorial]. <i>IEEE Computational Intelligence Magazine</i> , 2014 , 9, 16-17	5.6	
163	Embedding evolutionary multiobjective optimization into fuzzy linguistic combination method for fuzzy rule-based classifier ensembles 2014 ,		1
162	Computer-based craniofacial superimposition in forensic identification using soft computing. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2014 , 5, 683-697	3.7	2
161	A Novel Framework to Design Fuzzy Rule-Based Ensembles Using Diversity Induction and Evolutionary Algorithms-Based Classifier Selection and Fusion. <i>Lecture Notes in Computer Science</i> , 2013 , 36-58	0.9	0
160	A Genetic Fuzzy Linguistic Combination Method for Fuzzy Rule-Based Multiclassifiers. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 950-965	8.3	29
159	Quality time-of-flight range imaging for feature-based registration using bacterial foraging. <i>Applied Soft Computing Journal</i> , 2013 , 13, 3178-3189	7.5	14
158	Extended Topological Active Nets. <i>Image and Vision Computing</i> , 2013 , 31, 905-920	3.7	3
157	A comparative study of Multi-Objective Ant Colony Optimization algorithms for the Time and Space Assembly Line Balancing Problem. <i>Applied Soft Computing Journal</i> , 2013 , 13, 4370-4382	7.5	34

156	Image Segmentation Using Extended Topological Active Nets Optimized by Scatter Search. <i>IEEE Computational Intelligence Magazine</i> , 2013 , 8, 16-32	5.6	12
155	FINGRAMS: Visual Representations of Fuzzy Rule-Based Inference for Expert Analysis of Comprehensibility. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 1133-1149	8.3	38
154	MOSubdue: a Pareto dominance-based multiobjective Subdue algorithm for frequent subgraph mining. <i>Knowledge and Information Systems</i> , 2013 , 34, 75-108	2.4	12
153	A multiobjective evolutionary programming framework for graph-based data mining. <i>Information Sciences</i> , 2013 , 237, 118-136	7.7	12
152	A robustness information and visualization model for time and space assembly line balancing under uncertain demand. <i>International Journal of Production Economics</i> , 2013 , 145, 761-772	9.3	31
151	Multiobjective genetic classifier selection for random oracles fuzzy rule-based classifier ensembles: How beneficial is the additional diversity?. <i>Knowledge-Based Systems</i> , 2013 , 54, 3-21	7.3	19
150	. <i>IEEE Transactions on Evolutionary Computation</i> , 2013 , 17, 545-557	15.6	17
149	Evolutionary multi-objective optimization for mesh simplification of 3D open models. <i>Integrated Computer-Aided Engineering</i> , 2013 , 20, 375-390	5.2	31
148	Random oracles fuzzy rule-based multiclassifiers for high complexity datasets 2013 ,		1
147	Social Network Analysis of Co-fired Fuzzy Rules. <i>Studies in Fuzziness and Soft Computing</i> , 2013 , 113-128	0.7	8
146	Multiobjective memetic algorithms for time and space assembly line balancing. <i>Engineering Applications of Artificial Intelligence</i> , 2012 , 25, 254-273	7.2	29
145	An advanced scatter search design for skull-face overlay in craniofacial superimposition. <i>Expert Systems With Applications</i> , 2012 , 39, 1459-1473	7.8	13
144	Human Gait Modeling Using a Genetic Fuzzy Finite State Machine. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 205-223	8.3	86
143	GRASP and path relinking hybridizations for the point matching-based image registration problem. <i>Journal of Heuristics</i> , 2012 , 18, 169-192	1.9	11
142	A Study on the Use of Multiobjective Genetic Algorithms for Classifier Selection in FURIA-based Fuzzy Multiclassifiers. <i>International Journal of Computational Intelligence Systems</i> , 2012 , 5, 231-253	3.4	20
141	Mesh simplification for 3D modeling using evolutionary multi-objective optimization 2012 ,		2
140	Self-adaptive evolutionary image registration using differential evolution and artificial immune systems. <i>Pattern Recognition Letters</i> , 2012 , 33, 2065-2070	4.7	14
139	A cooperative coevolutionary approach dealing with the skullface overlay uncertainty in forensic identification by craniofacial superimposition. <i>Soft Computing</i> , 2012 , 16, 797-808	3.5	23

138	A Historical Review of Mamdani-Type Genetic Fuzzy Systems. <i>Studies in Fuzziness and Soft Computing</i> , 2012 , 73-90	0.7	2
137	Medical Image Registration Using Evolutionary Computation: An Experimental Survey. <i>IEEE Computational Intelligence Magazine</i> , 2011 , 6, 26-42	5.6	63
136	Modeling the SkullFace Overlay Uncertainty Using Fuzzy Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 946-959	8.3	25
135	Special Issue on Hybrid and Ensemble Methods in Machine Learning. <i>New Generation Computing</i> , 2011 , 29, 241-244	0.9	3
134	A comparative study of state-of-the-art evolutionary image registration methods for 3D modeling. <i>Computer Vision and Image Understanding</i> , 2011 , 115, 1340-1354	4.3	57
133	A new diversity induction mechanism for a multi-objective ant colony algorithm to solve a real-world time and space assembly line balancing problem. <i>Memetic Computing</i> , 2011 , 3, 15-24	3.4	11
132	An advanced multiobjective genetic algorithm design for the time and space assembly line balancing problem. <i>Computers and Industrial Engineering</i> , 2011 , 61, 103-117	6.4	36
131	MOEP-SO: A multiobjective evolutionary programming algorithm for graph mining 2011 ,		3
130	Evaluation of various evolutionary methods for medical image registration 2011 ,		1
129	Body posture recognition by means of a genetic fuzzy finite state machine 2011 ,		19
128	The impact of soft computing for the progress of artificial intelligence. <i>Applied Soft Computing Journal</i> , 2011 , 11, 1491-1492	7.5	7
127	Including different kinds of preferences in a multi-objective ant algorithm for time and space assembly line balancing on different Nissan scenarios. <i>Expert Systems With Applications</i> , 2011 , 38, 709-720	7.8	28
126	A historical review of evolutionary learning methods for Mamdani-type fuzzy rule-based systems: Designing interpretable genetic fuzzy systems. <i>International Journal of Approximate Reasoning</i> , 2011 , 52, 894-913	3.6	227
125	Subgraph mining in graph-based data using multiobjective evolutionary programming 2011 ,		2
124	ON DESIGNING FUZZY RULE-BASED MULTICLASSIFICATION SYSTEMS BY COMBINING FURIA WITH BAGGING AND FEATURE SELECTION. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2011 , 19, 589-633	0.8	25
123	Forensic identification by computer-aided craniofacial superimposition. <i>ACM Computing Surveys</i> , 2011 , 43, 1-27	13.4	43
122	A Study of the Suitability of Evolutionary Computation in 3D Modeling of Forensic Remains. <i>Lecture Notes in Computer Science</i> , 2011 , 293-302	0.9	
121	A multiobjective variant of the Subdue graph mining algorithm based on the NSGA-II selection mechanism 2010 ,		6

120	Comparing two genetic overproduce-and-choose strategies for fuzzy rule-based multiclassification systems generated by bagging and mutual information-based feature selection. <i>International Journal of Hybrid Intelligent Systems</i> , 2010 , 7, 45-64	0.9	14
119	Screening of <i>Trypanosoma brucei gambiense</i> in domestic livestock and tsetse flies from an insular endemic focus (Luba, Equatorial Guinea). <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e704	4.8	19
118	Introducing a genetic fuzzy linguistic combination method for bagging fuzzy rule-based multiclassification systems 2010 ,		1
117	Multiple Ant Colony System for Substructure Discovery. <i>Lecture Notes in Computer Science</i> , 2010 , 472-479.	0.9	
116	GRASP & evolutionary path relinking for medical image registration based on point matching 2010 ,		1
115	Embedding HILK in a three-objective evolutionary algorithm with the aim of modeling highly interpretable fuzzy rule-based classifiers 2010 ,		19
114	Graph-based data mining: A new tool for the analysis and comparison of scientific domains represented as scientograms. <i>Journal of Informetrics</i> , 2010 , 4, 291-312	3.1	13
113	Debugging complex software systems by means of pathfinder networks. <i>Information Sciences</i> , 2010 , 180, 561-583	7.7	16
112	Multiobjective constructive heuristics for the 1/3 variant of the time and space assembly line balancing problem: ACO and random greedy search. <i>Information Sciences</i> , 2010 , 180, 3465-3487	7.7	57
111	A Multiobjective GRASP for the 1/3 Variant of the Time and Space Assembly Line Balancing Problem. <i>Lecture Notes in Computer Science</i> , 2010 , 656-665	0.9	11
110	Vmap-Layout, a Layout Algorithm for Drawing Scientograms. <i>Computer Communications and Networks</i> , 2010 , 241-266	0.5	
109	Analysis of the Time Evolution of Scientograms Using the Subdue Graph Mining Algorithm. <i>Lecture Notes in Computer Science</i> , 2010 , 310-319	0.9	
108	Adding Diversity to Two Multiobjective Constructive Metaheuristics for Time and Space Assembly Line Balancing 2010 , 211-226		
107	Adding diversity to a Multiobjective Ant Colony algorithm for time and Space Assembly Line Balancing 2009 ,		2
106	Tackling the coplanarity problem in 3D camera calibration by means of fuzzy landmarks: a performance study in forensic craniofacial superimposition 2009 ,		6
105	Performance evaluation of memetic approaches in 3D reconstruction of forensic objects. <i>Soft Computing</i> , 2009 , 13, 883-904	3.5	64
104	An experimental study on the applicability of evolutionary algorithms to craniofacial superimposition in forensic identification. <i>Information Sciences</i> , 2009 , 179, 3998-4028	7.7	48
103	On the Combination of Accuracy and Diversity Measures for Genetic Selection of Bagging Fuzzy Rule-Based Multiclassification Systems 2009 ,		3

102	Integration of an EMO-based preference elicitation scheme into a multi-objective ACO algorithm for time and Space Assembly Line Balancing 2009 ,		4
101	2009 ,		1
100	Automatic 3D Modeling of Skulls by Scatter Search and Heuristic Features. <i>Advances in Soft Computing</i> , 2009 , 149-158		3
99	A Review on the Application of Hybrid Artificial Intelligence Systems to Optimization Problems in Operations Management. <i>Lecture Notes in Computer Science</i> , 2009 , 360-367	0.9	3
98	A new variant of the Pathfinder algorithm to generate large visual science maps in cubic time. <i>Information Processing and Management</i> , 2008 , 44, 1611-1623	6.3	32
97	Automatic Tuning of a Fuzzy Visual System Using Evolutionary Algorithms: Single-Objective Versus Multiobjective Approaches. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 485-501	8.3	24
96	On the Use of Bagging, Mutual Information-Based Feature Selection and Multicriteria Genetic Algorithms to Design Fuzzy Rule-Based Classification Ensembles 2008 ,		4
95	A Multiobjective Evolutionary Conceptual Clustering Methodology for Gene Annotation Within Structural Databases: A Case of Study on the Gene Ontology Database. <i>IEEE Transactions on Evolutionary Computation</i> , 2008 , 12, 679-701	15.6	29
94	Scatter Search for the Point-Matching Problem in 3D Image Registration. <i>INFORMS Journal on Computing</i> , 2008 , 20, 55-68	2.4	27
93	A first study on bagging fuzzy rule-based classification systems with multicriteria genetic selection of the component classifiers 2008 ,		8
92	A quick MST-based algorithm to obtain Pathfinder networks (Πn Π). <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 1912-1924		18
91	NectarRSS, an intelligent RSS feed reader. <i>Journal of Network and Computer Applications</i> , 2008 , 31, 793-806		11
90	Automatic Feature Extraction from 3D Range Images of Skulls. <i>Lecture Notes in Computer Science</i> , 2008 , 58-69	0.9	1
89	Incorporating Preferences to a Multi-objective Ant Colony Algorithm for Time and Space Assembly Line Balancing. <i>Lecture Notes in Computer Science</i> , 2008 , 331-338	0.9	3
88	Craniofacial Superimposition Based on Genetic Algorithms and Fuzzy Location of Cephalometric Landmarks. <i>Lecture Notes in Computer Science</i> , 2008 , 599-607	0.9	5
87	Local identification of prototypes for genetic learning of accurate TSK fuzzy rule-based systems. <i>International Journal of Intelligent Systems</i> , 2007 , 22, 909-941	8.4	39
86	A scatter search-based technique for pair-wise 3D range image registration in forensic anthropology. <i>Soft Computing</i> , 2007 , 11, 819-828	3.5	36
85	A taxonomy and an empirical analysis of multiple objective ant colony optimization algorithms for the bi-criteria TSP. <i>European Journal of Operational Research</i> , 2007 , 180, 116-148	5.6	206

84	Guest Editorial Genetic Fuzzy Systems: What's Next? An Introduction to the Special Section. <i>IEEE Transactions on Fuzzy Systems</i> , 2007 , 15, 533-535	8.3	16
83	. <i>IEEE International Conference on Fuzzy Systems</i> , 2007 ,		8
82	2007 ,		8
81	Modeling Genetic Networks: Comparison of Static and Dynamic Models 2007 , 78-89		1
80	Promoting the Use of ICT for Education in a Traditional University. <i>Journal of Cases on Information Technology</i> , 2007 , 9, 90-107	1.6	1
79	Evolutionary Approaches for Automatic 3D Modeling of Skulls in Forensic Identification 2007 , 415-422		4
78	Improving the learning of Boolean queries by means of a multiobjective IQBE evolutionary algorithm. <i>Information Processing and Management</i> , 2006 , 42, 615-632	6.3	20
77	3D Forensic Model Reconstruction by Scatter Search-based Pair-wise Image Registration 2006 ,		1
76	Feature-based image registration by means of the CHC evolutionary algorithm. <i>Image and Vision Computing</i> , 2006 , 24, 525-533	3.7	49
75	A fast and accurate approach for 3D image registration using the scatter search evolutionary algorithm. <i>Pattern Recognition Letters</i> , 2006 , 27, 1191-1200	4.7	72
74	Image registration with iterated local search. <i>Journal of Heuristics</i> , 2006 , 12, 73-94	1.9	25
73	Hybrid learning models to get the interpretability-accuracy trade-off in fuzzy modeling. <i>Soft Computing</i> , 2006 , 10, 717-734	3.5	71
72	A Multi-Objective Genetic Algorithm for Learning Linguistic Persistent Queries in Text Retrieval Environments 2006 , 601-627		
71	Mining Structural Databases: An Evolutionary Multi-Objective Conceptual Clustering Methodology. <i>Lecture Notes in Computer Science</i> , 2006 , 159-171	0.9	2
70	Optimal Selection of Microarray Analysis Methods Using a Conceptual Clustering Algorithm. <i>Lecture Notes in Computer Science</i> , 2006 , 172-183	0.9	2
69	Decision Making Association Rules for Recognition of Differential Gene Expression Profiles. <i>Lecture Notes in Computer Science</i> , 2006 , 1137-1149	0.9	0
68	A Multi-Objective Genetic Algorithm for Learning Linguistic Persistent Queries in Text Retrieval Environments 2006 , 601-627		
67	Genetic tuning of fuzzy rule deep structures preserving interpretability and its interaction with fuzzy rule set reduction. <i>IEEE Transactions on Fuzzy Systems</i> , 2005 , 13, 13-29	8.3	169

66	Learning cooperative linguistic fuzzy rules using the best/worst ant system algorithm. <i>International Journal of Intelligent Systems</i> , 2005 , 20, 433-452	8.4	32
65	A genetic rule weighting and selection process for fuzzy control of heating, ventilating and air conditioning systems. <i>Engineering Applications of Artificial Intelligence</i> , 2005 , 18, 279-296	7.2	82
64	A Realistic Information Retrieval Environment to Validate a Multiobjective GA-P Algorithm for Learning Fuzzy Queries 2005 , 299-309		
63	3D Inter-subject Medical Image Registration by Scatter Search. <i>Lecture Notes in Computer Science</i> , 2005 , 90-103	0.9	2
62	A Study on the Evolutionary Adaptive Defuzzification Methods in Fuzzy Modeling. <i>International Journal of Hybrid Intelligent Systems</i> , 2004 , 1, 36-48	0.9	15
61	Genetic fuzzy systems. New developments. <i>Fuzzy Sets and Systems</i> , 2004 , 141, 1-3	3.7	18
60	Ten years of genetic fuzzy systems: current framework and new trends. <i>Fuzzy Sets and Systems</i> , 2004 , 141, 5-31	3.7	574
59	A Scatter Search Algorithm for the 3D Image Registration Problem. <i>Lecture Notes in Computer Science</i> , 2004 , 471-480	0.9	3
58	An Empirical Analysis of Multiple Objective Ant Colony Optimization Algorithms for the Bi-criteria TSP. <i>Lecture Notes in Computer Science</i> , 2004 , 61-72	0.9	19
57	Linguistic modeling with weighted double-consequent fuzzy rules based on cooperative coevolutionary learning. <i>Integrated Computer-Aided Engineering</i> , 2003 , 10, 343-355	5.2	15
56	Fuzzy Control of HVAC Systems Optimized by Genetic Algorithms. <i>Applied Intelligence</i> , 2003 , 18, 155-177	4.9	83
55	A model of fuzzy linguistic IRS based on multi-granular linguistic information. <i>International Journal of Approximate Reasoning</i> , 2003 , 34, 221-239	3.6	105
54	A review on the application of evolutionary computation to information retrieval. <i>International Journal of Approximate Reasoning</i> , 2003 , 34, 241-264	3.6	59
53	A hierarchical knowledge-based environment for linguistic modeling: models and iterative methodology. <i>Fuzzy Sets and Systems</i> , 2003 , 138, 307-341	3.7	28
52	Linguistic modeling with hierarchical systems of weighted linguistic rules. <i>International Journal of Approximate Reasoning</i> , 2003 , 32, 187-215	3.6	26
51	Multicriteria Genetic Tuning for the Optimization and Control of HVAC Systems. <i>Studies in Fuzziness and Soft Computing</i> , 2003 , 308-345	0.7	
50	A Multiobjective Genetic Algorithm for Feature Selection and Data Base Learning in Fuzzy-Rule Based Classification Systems 2003 , 315-326		2
49	Combining Rule Weight Learning and Rule Selection to Obtain Simpler and More Accurate Linguistic Fuzzy Models. <i>Lecture Notes in Computer Science</i> , 2003 , 44-63	0.9	5

48	A Multiobjective Genetic Learning Process for joint Feature Selection and Granularity and Contexts Learning in Fuzzy Rule-Based Classification Systems. <i>Studies in Fuzziness and Soft Computing</i> , 2003 , 79-99	0.7	16
47	Comments on the benchmarks in "A proposal for improving the accuracy of Linguistic Modeling" and related articles. <i>IEEE Transactions on Fuzzy Systems</i> , 2003 , 11, 861-865	8.3	7
46	Author's reply [to Comments on 'A proposal to improve the accuracy of linguistic modelling']. <i>IEEE Transactions on Fuzzy Systems</i> , 2003 , 11, 866-869	8.3	6
45	COR Methodology: A Simple Way to Obtain Linguistic Fuzzy Models with Good Interpretability and Accuracy. <i>Studies in Fuzziness and Soft Computing</i> , 2003 , 27-45	0.7	3
44	An Iterative Learning Methodology to Design Hierarchical Systems of Linguistic Rules for Linguistic Modeling. <i>Studies in Fuzziness and Soft Computing</i> , 2003 , 277-301	0.7	
43	Interpretability Improvements to Find the Balance Interpretability-Accuracy in Fuzzy Modeling: An Overview. <i>Studies in Fuzziness and Soft Computing</i> , 2003 , 3-22	0.7	40
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