Oscar Cordon

List of Publications by Citations

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	Ten years of genetic fuzzy systems: current framework and new trends. *Fuzzy Sets and Systems*, **2004**, 141, 5-31	3.7	574
226	Genetic Fuzzy Systems. *Advances in Fuzzy Systems*, **2001**,		499
225	A proposal on reasoning methods in fuzzy rule-based classification systems. *International Journal of Approximate Reasoning*, **1999**, 20, 21-45	3.6	281
224	A historical review of evolutionary learning methods for Mamdani-type fuzzy rule-based systems: Designing interpretable genetic fuzzy systems. *International Journal of Approximate Reasoning*, **2011**, 52, 894-913	3.6	227
223	A taxonomy and an empirical analysis of multiple objective ant colony optimization algorithms for the bi-criteria TSP. *European Journal of Operational Research*, **2007**, 180, 116-148	5.6	206
222	Generating the knowledge base of a fuzzy rule-based system by the genetic learning of the data base. *IEEE Transactions on Fuzzy Systems*, **2001**, 9, 667-674	8.3	194
221	Genetic tuning of fuzzy rule deep structures preserving interpretability and its interaction with fuzzy rule set reduction. *IEEE Transactions on Fuzzy Systems*, **2005**, 13, 13-29	8.3	169
220	A three-stage evolutionary process for learning descriptive and approximate fuzzy-logic-controller knowledge bases from examples. *International Journal of Approximate Reasoning*, **1997**, 17, 369-407	3.6	159
219	Linguistic modeling by hierarchical systems of linguistic rules. *IEEE Transactions on Fuzzy Systems*, **2002**, 10, 2-20	8.3	139
218	Applicability of the fuzzy operators in the design of fuzzy logic controllers. *Fuzzy Sets and Systems*, **1997**, 86, 15-41	3.7	120
217	. *IEEE Transactions on Fuzzy Systems*, **2000**, 8, 335-344	8.3	106
216	A model of fuzzy linguistic IRS based on multi-granular linguistic information. *International Journal of Approximate Reasoning*, **2003**, 34, 221-239	3.6	105
215	Genetic feature selection in a fuzzy rule-based classification system learning process for high-dimensional problems. *Information Sciences*, **2001**, 136, 135-157	7.7	99
214	Analysis and guidelines to obtain a good uniform fuzzy partition granularity for fuzzy rule-based systems using simulated annealing. *International Journal of Approximate Reasoning*, **2000**, 25, 187-215	3.6	91
213	. *IEEE Computational Intelligence Magazine*, **2019**, 14, 69-81	5.6	90
212	Human Gait Modeling Using a Genetic Fuzzy Finite State Machine. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 205-223	8.3	86
211	MOGUL: A methodology to obtain genetic fuzzy rule-based systems under the iterative rule learning approach. *International Journal of Intelligent Systems*, **1999**, 14, 1123-1153	8.4	86

210	Fuzzy Control of HVAC Systems Optimized by Genetic Algorithms. *Applied Intelligence*, **2003**, 18, 155-177	4.9	83
209	A genetic rule weighting and selection process for fuzzy control of heating, ventilating and air conditioning systems. *Engineering Applications of Artificial Intelligence*, **2005**, 18, 279-296	7.2	82
208	Genetic learning of fuzzy rule-based classification systems cooperating with fuzzy reasoning methods. *International Journal of Intelligent Systems*, **1998**, 13, 1025-1053	8.4	78
207	Hybridizing genetic algorithms with sharing scheme and evolution strategies for designing approximate fuzzy rule-based systems. *Fuzzy Sets and Systems*, **2001**, 118, 235-255	3.7	78
206	A genetic learning process for the scaling factors, granularity and contexts of the fuzzy rule-based system data base. *Information Sciences*, **2001**, 136, 85-107	7.7	75
205	Solving Electrical Distribution Problems Using Hybrid Evolutionary Data Analysis Techniques. *Applied Intelligence*, **1999**, 10, 5-24	4.9	74
204	A fast and accurate approach for 3D image registration using the scatter search evolutionary algorithm. *Pattern Recognition Letters*, **2006**, 27, 1191-1200	4.7	72
203	Hybrid learning models to get the interpretability accuracy trade-off in fuzzy modeling. *Soft Computing*, **2006**, 10, 717-734	3.5	71
202	A two-stage evolutionary process for designing TSK fuzzy rule-based systems. *IEEE Transactions on Systems, Man, and Cybernetics*, **1999**, 29, 703-15		71
201	COR: a methodology to improve ad hoc data-driven linguistic rule learning methods by inducing cooperation among rules. *IEEE Transactions on Systems, Man, and Cybernetics*, **2002**, 32, 526-37		66
200	Performance evaluation of memetic approaches in 3D reconstruction of forensic objects. *Soft Computing*, **2009**, 13, 883-904	3.5	64
199	Medical Image Registration Using Evolutionary Computation: An Experimental Survey. *IEEE Computational Intelligence Magazine*, **2011**, 6, 26-42	5.6	63
198	A review on the application of evolutionary computation to information retrieval. *International Journal of Approximate Reasoning*, **2003**, 34, 241-264	3.6	59
197	A comparative study of state-of-the-art evolutionary image registration methods for 3D modeling. *Computer Vision and Image Understanding*, **2011**, 115, 1340-1354	4.3	57
196	Multiobjective constructive heuristics for the 1/3 variant of the time and space assembly line balancing problem: ACO and random greedy search. *Information Sciences*, **2010**, 180, 3465-3487	7.7	57
195	A survey on image segmentation using metaheuristic-based deformable models: state of the art and critical analysis. *Applied Soft Computing Journal*, **2016**, 44, 1-29	7.5	51
194	Feature-based image registration by means of the CHC evolutionary algorithm. *Image and Vision Computing*, **2006**, 24, 525-533	3.7	49
193	A multiobjective model and evolutionary algorithms for robust time and space assembly line balancing under uncertain demand. *Omega*, **2016**, 58, 55-68	7.2	48

192	An experimental study on the applicability of evolutionary algorithms to craniofacial superimposition in forensic identification. *Information Sciences*, **2009**, 179, 3998-4028	7.7	48
191	Forensic identification by computer-aided craniofacial superimposition. *ACM Computing Surveys*, **2011**, 43, 1-27	13.4	43
190	A new evolutionary algorithm combining simulated annealing and genetic programming for relevance feedback in fuzzy information retrieval systems. *Soft Computing*, **2002**, 6, 308-319	3.5	42
189	Interpretability Improvements to Find the Balance Interpretability-Accuracy in Fuzzy Modeling: An Overview. *Studies in Fuzziness and Soft Computing*, **2003**, 3-22	0.7	40
188	Local identification of prototypes for genetic learning of accurate TSK fuzzy rule-based systems. *International Journal of Intelligent Systems*, **2007**, 22, 909-941	8.4	39
187	FINGRAMS: Visual Representations of Fuzzy Rule-Based Inference for Expert Analysis of Comprehensibility. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 1133-1149	8.3	38
186	An advanced multiobjective genetic algorithm design for the time and space assembly line balancing problem. *Computers and Industrial Engineering*, **2011**, 61, 103-117	6.4	36
185	A scatter search-based technique for pair-wise 3D range image registration in forensic anthropology. *Soft Computing*, **2007**, 11, 819-828	3.5	36
184	A comparative study of Multi-Objective Ant Colony Optimization algorithms for the Time and Space Assembly Line Balancing Problem. *Applied Soft Computing Journal*, **2013**, 13, 4370-4382	7.5	34
183	Dispersion assessment in the location of facial landmarks on photographs. *International Journal of Legal Medicine*, **2015**, 129, 227-36	3.1	33
182	A new variant of the Pathfinder algorithm to generate large visual science maps in cubic time. *Information Processing and Management*, **2008**, 44, 1611-1623	6.3	32
181	Learning cooperative linguistic fuzzy rules using the best-worst ant system algorithm. *International Journal of Intelligent Systems*, **2005**, 20, 433-452	8.4	32
180	A robustness information and visualization model for time and space assembly line balancing under uncertain demand. *International Journal of Production Economics*, **2013**, 145, 761-772	9.3	31
179	Evolutionary multi-objective optimization for mesh simplification of 3D open models. *Integrated Computer-Aided Engineering*, **2013**, 20, 375-390	5.2	31
178	A comparative study on the application of advanced bacterial foraging models to image registration. *Information Sciences*, **2015**, 295, 160-181	7.7	30
177	Multiobjective memetic algorithms for time and space assembly line balancing. *Engineering Applications of Artificial Intelligence*, **2012**, 25, 254-273	7.2	29
176	A Genetic Fuzzy Linguistic Combination Method for Fuzzy Rule-Based Multiclassifiers. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 950-965	8.3	29
175	A Multiobjective Evolutionary Conceptual Clustering Methodology for Gene Annotation Within Structural Databases: A Case of Study on the Gene Ontology Database. *IEEE Transactions on Evolutionary Computation*, **2008**, 12, 679-701	15.6	29

156	Embedding HILK in a three-objective evolutionary algorithm with the aim of modeling highly interpretable fuzzy rule-based classifiers **2010**,		19
155	Body posture recognition by means of a genetic fuzzy finite state machine **2011**,		19
154	An Empirical Analysis of Multiple Objective Ant Colony Optimization Algorithms for the Bi-criteria TSP. *Lecture Notes in Computer Science*, **2004**, 61-72	0.9	19
153	Accuracy Improvements to Find the Balance Interpretability-Accuracy in Linguistic Fuzzy Modeling: An Overview. *Studies in Fuzziness and Soft Computing*, **2003**, 3-24	0.7	19
152	Genetic learning of fuzzy rule-based classification systems cooperating with fuzzy reasoning methods **1998**, 13, 1025		19
151	A quick MST-based algorithm to obtain Pathfinder networks ($\square$n $\square$). *Journal of the Association for Information Science and Technology*, **2008**, 59, 1912-1924		18
150	Genetic fuzzy systems. New developments. *Fuzzy Sets and Systems*, **2004**, 141, 1-3	3.7	18
149	. *IEEE Transactions on Evolutionary Computation*, **2013**, 17, 545-557	15.6	17
148	Hierarchical information fusion for decision making in craniofacial superimposition. *Information Fusion*, **2018**, 39, 25-40	16.7	16
147	A case study of innovative population-based algorithms in 3D modeling: Artificial bee colony, biogeography-based optimization, harmony search. *Expert Systems With Applications*, **2014**, 41, 1750-1762	7.8	16
146	Debugging complex software systems by means of pathfinder networks. *Information Sciences*, **2010**, 180, 561-583	7.7	16
145	Guest Editorial Genetic Fuzzy Systems: What's Next? An Introduction to the Special Section. *IEEE Transactions on Fuzzy Systems*, **2007**, 15, 533-535	8.3	16
144	A Multiobjective Genetic Learning Process for joint Feature Selection and Granularity and Contexts Learning in Fuzzy Rule-Based Classification Systems. *Studies in Fuzziness and Soft Computing*, **2003**, 79-99	0.7	16
143	Linguistic modeling with weighted double-consequent fuzzy rules based on cooperative coevolutionary learning. *Integrated Computer-Aided Engineering*, **2003**, 10, 343-355	5.2	15
142	A Study on the Evolutionary Adaptive Defuzzification Methods in Fuzzy Modeling. *International Journal of Hybrid Intelligent Systems*, **2004**, 1, 36-48	0.9	15
141	Modeling Facial Soft Tissue Thickness for Automatic Skull-Face Overlay. *IEEE Transactions on Information Forensics and Security*, **2015**, 10, 2057-2070	8	14
140	Design of criteria to assess craniofacial correspondence in forensic identification based on computer vision and fuzzy integrals. *Applied Soft Computing Journal*, **2016**, 46, 596-612	7.5	14
139	Three-objective subgraph mining using multiobjective evolutionary programming. *Journal of Computer and System Sciences*, **2014**, 80, 16-26	1	14

138	Quality time-of-flight range imaging for feature-based registration using bacterial foraging. *Applied Soft Computing Journal*, **2013**, 13, 3178-3189	7.5	14
137	Self-adaptive evolutionary image registration using differential evolution and artificial immune systems. *Pattern Recognition Letters*, **2012**, 33, 2065-2070	4.7	14
136	Comparing two genetic overproduce-and-choose strategies for fuzzy rule-based multiclassification systems generated by bagging and mutual information-based feature selection. *International Journal of Hybrid Intelligent Systems*, **2010**, 7, 45-64	0.9	14
135	Searching for basic properties obtaining robust implication operators in fuzzy control. *Fuzzy Sets and Systems*, **2000**, 111, 237-251	3.7	14
134	3D-2D silhouette-based image registration for comparative radiography-based forensic identification. *Pattern Recognition*, **2018**, 83, 469-480	7.7	14
133	Evolutionary multiobjective optimization to target social network influentials in viral marketing. *Expert Systems With Applications*, **2020**, 147, 113183	7.8	14
132	Interactive preferences in multiobjective ant colony optimisation for assembly line balancing. *Soft Computing*, **2015**, 19, 2891-2903	3.5	13
131	An advanced scatter search design for skull-face overlay in craniofacial superimposition. *Expert Systems With Applications*, **2012**, 39, 1459-1473	7.8	13
130	Graph-based data mining: A new tool for the analysis and comparison of scientific domains represented as scientograms. *Journal of Informetrics*, **2010**, 4, 291-312	3.1	13
129	Recent advances in genetic fuzzy systems. *Information Sciences*, **2001**, 136, 1-5	7.7	13
128	A multicriteria integral framework for agent-based model calibration using evolutionary multiobjective optimization and network-based visualization. *Decision Support Systems*, **2019**, 124, 113111	5.6	12
127	Image Segmentation Using Extended Topological Active Nets Optimized by Scatter Search. *IEEE Computational Intelligence Magazine*, **2013**, 8, 16-32	5.6	12
126	MOSubdue: a Pareto dominance-based multiobjective Subdue algorithm for frequent subgraph mining. *Knowledge and Information Systems*, **2013**, 34, 75-108	2.4	12
125	A multiobjective evolutionary programming framework for graph-based data mining. *Information Sciences*, **2013**, 237, 118-136	7.7	12
124	GRASP and path relinking hybridizations for the point matching-based image registration problem. *Journal of Heuristics*, **2012**, 18, 169-192	1.9	11
123	A new diversity induction mechanism for a multi-objective ant colony algorithm to solve a real-world time and space assembly line balancing problem. *Memetic Computing*, **2011**, 3, 15-24	3.4	11
122	NectaRSS, an intelligent RSS feed reader. *Journal of Network and Computer Applications*, **2008**, 31, 793-806	5.9	11
121	Fuzzy modeling by hierarchically built fuzzy rule bases. *International Journal of Approximate Reasoning*, **2001**, 27, 61-93	3.6	11

120	A Multiobjective GRASP for the 1/3 Variant of the Time and Space Assembly Line Balancing Problem. *Lecture Notes in Computer Science*, **2010**, 656-665	0.9	11
119	Analysis of the Best-Worst Ant System and Its Variants on the QAP. *Lecture Notes in Computer Science*, **2002**, 228-234	0.9	11
118	Genetic algorithms for skull-face overlay including mandible articulation. *Information Sciences*, **2017**, 420, 200-217	7.7	10
117	Identimod: Modeling and managing brand value using soft computing. *Decision Support Systems*, **2016**, 89, 41-55	5.6	9
116	A CHC Evolutionary Algorithm for 3D Image Registration. *Lecture Notes in Computer Science*, **2003**, 404-411	0.9	9
115	Evolutionary Learning of Boolean Queries by Multiobjective Genetic Programming. *Lecture Notes in Computer Science*, **2002**, 710-719	0.9	9
114	Marketing analysis of wineries using social collective behavior from users temporal activity on Twitter. *Information Processing and Management*, **2020**, 57, 102220	6.3	8
113	Cost-Sensitive Learning of Fuzzy Rules for Imbalanced Classification Problems Using FURIA. *International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems*, **2014**, 22, 643-675	0.8	8
112	A first study on bagging fuzzy rule-based classification systems with multicriteria genetic selection of the component classifiers **2008**,		8
111	. *IEEE International Conference on Fuzzy Systems*, **2007**,		8
110	**2007**,		8
109	Social Network Analysis of Co-fired Fuzzy Rules. *Studies in Fuzziness and Soft Computing*, **2013**, 113-128	0.7	8
108	The impact of soft computing for the progress of artificial intelligence. *Applied Soft Computing Journal*, **2011**, 11, 1491-1492	7.5	7
107	Comments on the benchmarks in "A proposal for improving the accuracy of Linguistic Modeling" and related articles. *IEEE Transactions on Fuzzy Systems*, **2003**, 11, 861-865	8.3	7
106	Deep architectures for high-resolution multi-organ chest X-ray image segmentation. *Neural Computing and Applications*, **2020**, 32, 15949-15963	4.8	7
105	Modeling agent-based consumers decision-making with 2-tuple fuzzy linguistic perceptions. *International Journal of Intelligent Systems*, **2020**, 35, 283-299	8.4	7
104	. *IEEE Transactions on Information Forensics and Security*, **2018**, 13, 1481-1494	8	6
103	A Robust and Efficient Method for Skull-Face Overlay in Computerized Craniofacial Superimposition. *IEEE Transactions on Information Forensics and Security*, **2018**, 13, 1960-1974	8	6

102	moGrams: A Network-Based Methodology for Visualizing the Set of Nondominated Solutions in Multiobjective Optimization. *IEEE Transactions on Cybernetics*, **2018**, 48, 474-485	10.2	6
101	A multiobjective variant of the Subdue graph mining algorithm based on the NSGA-II selection mechanism **2010**,		6
100	Tackling the coplanarity problem in 3D camera calibration by means of fuzzy landmarks: a performance study in forensic craniofacial superimposition **2009**,		6
99	Author's reply [to Comments on 'A proposal to improve the accuracy of linguistic modelling']. *IEEE Transactions on Fuzzy Systems*, **2003**, 11, 866-869	8.3	6
98	Fuzzy logic and multiobjective evolutionary algorithms as soft computing tools for persistent query learning in text retrieval environments		6
97	A GRASP Algorithm for Clustering. *Lecture Notes in Computer Science*, **2002**, 214-223	0.9	6
96	Cooperative Coevolution for Learning Fuzzy Rule-Based Systems. *Lecture Notes in Computer Science*, **2002**, 311-322	0.9	6
95	Community detection and social network analysis based on the Italian wars of the 15th century. *Future Generation Computer Systems*, **2020**, 113, 25-40	7.5	5
94	An experimental study on fuzzy distances for skull–face overlay in craniofacial superimposition. *Fuzzy Sets and Systems*, **2017**, 318, 100-119	3.7	5
93	Combining Rule Weight Learning and Rule Selection to Obtain Simpler and More Accurate Linguistic Fuzzy Models. *Lecture Notes in Computer Science*, **2003**, 44-63	0.9	5
92	A Prediction System for Cardiovascularity Diseases Using Genetic Fuzzy Rule-Based Systems. *Lecture Notes in Computer Science*, **2002**, 381-391	0.9	5
91	Craniofacial Superimposition Based on Genetic Algorithms and Fuzzy Location of Cephalometric Landmarks. *Lecture Notes in Computer Science*, **2008**, 599-607	0.9	5
90	Integration of an EMO-based preference elicitation scheme into a multi-objective ACO algorithm for time and Space Assembly Line Balancing **2009**,		4
89	On the Use of Bagging, Mutual Information-Based Feature Selection and Multicriteria Genetic Algorithms to Design Fuzzy Rule-Based Classification Ensembles **2008**,		4
88	Different Approaches to Induce Cooperation in Fuzzy Linguistic Models Under the COR Methodology. *Studies in Fuzziness and Soft Computing*, **2002**, 321-334	0.7	4
87	Evolutionary Approaches for Automatic 3D Modeling of Skulls in Forensic Identification **2007**, 415-422		4
86	MOGUL: A methodology to obtain genetic fuzzy rule-based systems under the iterative rule learning approach **1999**, 14, 1123		4
85	Advanced visualization of Twitter data for its analysis as a communication channel in traditional companies. *Progress in Artificial Intelligence*, **2019**, 8, 307-323	4	3

84	Extended Topological Active Nets. *Image and Vision Computing*, **2013**, 31, 905-920	3.7	3
83	Bacterial Foraging Optimization for intensity-based medical image registration **2015**,		3
82	Special Issue on Hybrid and Ensemble Methods in Machine Learning. *New Generation Computing*, **2011**, 29, 241-244	0.9	3
81	MOEP-SO: A multiobjective evolutionary programming algorithm for graph mining **2011**,		3
80	On the Combination of Accuracy and Diversity Measures for Genetic Selection of Bagging Fuzzy Rule-Based Multiclassification Systems **2009**,		3
79	A Scatter Search Algorithm for the 3D Image Registration Problem. *Lecture Notes in Computer Science*, **2004**, 471-480	0.9	3
78	Modeling the consistency between the bony and facial chin outline in craniofacial superimposition		3
77	Propuesta de rankings de universidades españolas en redes sociales. *Profesional De La Informacion*, **2016**, 25, 684	3.7	3
76	COR Methodology: A Simple Way to Obtain Linguistic Fuzzy Models with Good Interpretability and Accuracy. *Studies in Fuzziness and Soft Computing*, **2003**, 27-45	0.7	3
75	Incorporating Preferences to a Multi-objective Ant Colony Algorithm for Time and Space Assembly Line Balancing. *Lecture Notes in Computer Science*, **2008**, 331-338	0.9	3
74	Automatic 3D Modeling of Skulls by Scatter Search and Heuristic Features. *Advances in Soft Computing*, **2009**, 149-158		3
73	A Review on the Application of Hybrid Artificial Intelligence Systems to Optimization Problems in Operations Management. *Lecture Notes in Computer Science*, **2009**, 360-367	0.9	3
72	Handbook on Craniofacial Superimposition **2020**,		3
71	Metaheuristics for Medical Image Registration **2018**, 1079-1101		3
70	Analyzing the Performance of a Multiobjective GA-P Algorithm for Learning Fuzzy Queries in a Machine Learning Environment. *Lecture Notes in Computer Science*, **2003**, 611-619	0.9	3
69	Deformable models direct supervised guidance: A novel paradigm for automatic image segmentation. *Neurocomputing*, **2016**, 177, 317-333	5.4	2
68	Computer-based craniofacial superimposition in forensic identification using soft computing. *Journal of Ambient Intelligence and Humanized Computing*, **2014**, 5, 683-697	3.7	2
67	Mesh simplification for 3D modeling using evolutionary multi-objective optimization **2012**,		2

66	Adding diversity to a Multiobjective Ant Colony algorithm for time and Space Assembly Line Balancing **2009**,		2
65	Subgraph mining in graph-based data using multiobjective evolutionary programming **2011**,		2
64	A Historical Review of Mamdani-Type Genetic Fuzzy Systems. *Studies in Fuzziness and Soft Computing*, **2012**, 73-90	0.7	2
63	A Multiobjective Genetic Algorithm for Feature Selection and Data Base Learning in Fuzzy-Rule Based Classification Systems **2003**, 315-326		2
62	Multimodal Genetic Algorithms for Craniofacial Superimposition119-143		2
61	A framework of opinion dynamics using fuzzy linguistic 2-tuples. *Knowledge-Based Systems*, **2021**, 233, 107559	7.3	2
60	Mining Structural Databases: An Evolutionary Multi-Objetive Conceptual Clustering Methodology. *Lecture Notes in Computer Science*, **2006**, 159-171	0.9	2
59	Optimal Selection of Microarray Analysis Methods Using a Conceptual Clustering Algorithm. *Lecture Notes in Computer Science*, **2006**, 172-183	0.9	2
58	Detecting Key Variables in System Dynamics Modelling by Using Social Network Metrics. *Lecture Notes in Economics and Mathematical Systems*, **2015**, 207-217	0.4	2
57	A Three-stage method for designing Genetic Fuzzy Systems by learning from examples. *Lecture Notes in Computer Science*, **1996**, 720-729	0.9	2
56	Performance analysis of real-coded evolutionary algorithms under a computationally expensive optimization scenario: 3D2D Comparative Radiography. *Applied Soft Computing Journal*, **2020**, 97, 106793	7.5	2
55	A quick GRASP-based method for influence maximization in social networks. *Journal of Ambient Intelligence and Humanized Computing*,1	3.7	2
54	3D Inter-subject Medical Image Registration by Scatter Search. *Lecture Notes in Computer Science*, **2005**, 90-103	0.9	2
53	2D Image registration with iterated local search **2003**, 233-242		2
52	A network-based approach for diversity visualization of fuzzy classifier ensembles **2016**,		1
51	Experimental study of different aggregation functions for modeling craniofacial correspondence in craniofacial superimposition **2016**,		1
50	Coral Reef Optimization for intensity-based medical image registration **2017**,		1
49	Embedding evolutionary multiobjective optimization into fuzzy linguistic combination method for fuzzy rule-based classifier ensembles **2014**,		1

48	Random oracles fuzzy rule-based multiclassifiers for high complexity datasets **2013**,		1
47	Introducing a genetic fuzzy linguistic combination method for bagging fuzzy rule-based multiclassification systems **2010**,		1
46	GRASP & evolutionary path relinking for medical image registration based on point matching **2010**,		1
45	Evaluation of various evolutionary methods for medical image registration **2011**,		1
44	**2009**,		1
43	3D Forensic Model Reconstruction by Scatter Search-based Pair-wise Image Registration **2006**,		1
42	Modeling Genetic Networks: Comparison of Static and Dynamic Models **2007**, 78-89		1
41	Improving Simple Linguistic Fuzzy Models by Means of the Weighted COR Methodology. *Lecture Notes in Computer Science*, **2002**, 294-302	0.9	1
40	Promoting the Use of ICT for Education in a Traditional University. *Journal of Cases on Information Technology*, **2007**, 9, 90-107	1.6	1
39	Improving Comparative Radiography by Multi-resolution 3D-2D Evolutionary Image Registration. *Lecture Notes in Computer Science*, **2019**, 99-110	0.9	1
38	Automatic Feature Extraction from 3D Range Images of Skulls. *Lecture Notes in Computer Science*, **2008**, 58-69	0.9	1
37	Computing the spanish medium electrical line maintenance costs by means of evolution-based learning processes. *Lecture Notes in Computer Science*, **1998**, 478-486	0.9	1
36	Applying Random Linear Oracles with Fuzzy Classifier Ensembles on WiFi Indoor Localization Problem. *Studies in Fuzziness and Soft Computing*, **2015**, 277-287	0.7	1
35	Metaheuristics for Medical Image Registration **2016**, 1-22		1
34	New Application of 3D VFH Descriptors in Archaeological Categorization: A Case Study. *Advances in Intelligent Systems and Computing*, **2018**, 229-236	0.4	1
33	**2020**,		1
32	Incorporating awareness and genetic-based viral marketing strategies to a consumer behavior model **2016**,		1
31	Simulating the influence of terror management strategies on the voter ideological distance using agent-based modeling. *Telematics and Informatics*, **2021**, 63, 101656	8.1	1

30	A Novel Framework to Design Fuzzy Rule-Based Ensembles Using Diversity Induction and Evolutionary Algorithms-Based Classifier Selection and Fusion. *Lecture Notes in Computer Science*, **2013**, 36-58	0.9	0
29	Different Proposals to Improve the Accuracy of Fuzzy Linguistic Modeling **2000**, 189-221		0
28	Decision Making Association Rules for Recognition of Differential Gene Expression Profiles. *Lecture Notes in Computer Science*, **2006**, 1137-1149	0.9	0
27	Introduction to Craniofacial Superimposition **2020**, 1-4		0
26	Coral reefs optimization algorithms for agent-based model calibration. *Engineering Applications of Artificial Intelligence*, **2021**, 100, 104170	7.2	0
25	Deep architectures for the segmentation of frontal sinuses in X-ray images: Towards an automatic forensic identification system in comparative radiography. *Neurocomputing*, **2021**, 456, 575-575	5.4	0
24	Evolutionary Multiobjective Optimization for Automatic Agent-Based Model Calibration: A Comparative Study. *IEEE Access*, **2021**, 9, 55284-55299	3.5	0
23	Improved image registration in skull-face overlay using expert knowledge. *Progress in Artificial Intelligence*, **2017**, 6, 285-298	4	
22	Special Issue on Computational Intelligence Software Guest Editorial. *IEEE Computational Intelligence Magazine*, **2016**, 11, 13-14	5.6	
21	Mono-modal Medical Image Registration with Coral Reef Optimization. *Lecture Notes in Computer Science*, **2018**, 222-234	0.9	
20	Computational intelligence in production and logistics systems: solving vehicle routing, supply chain network, and air-traffic trajectory planning problems [guest editorial]. *IEEE Computational Intelligence Magazine*, **2014**, 9, 16-17	5.6	
19	Multiple Ant Colony System for Substructure Discovery. *Lecture Notes in Computer Science*, **2010**, 472-470	0.9	
18	Multicriteria Genetic Tuning for the Optimization and Control of HVAC Systems. *Studies in Fuzziness and Soft Computing*, **2003**, 308-345	0.7	
17	ALM: A Methodology for Designing Accurate Linguistic Models for Intelligent Data Analysis. *Lecture Notes in Computer Science*, **1999**, 15-26	0.9	
16	A Realistic Information Retrieval Environment to Validate a Multiobjective GA-P Algorithm for Learning Fuzzy Queries **2005**, 299-309		
15	A Multi-Objective Genetic Algorithm for Learning Linguistic Persistent Queries in Text Retrieval Environments **2006**, 601-627		
14	Forensic Identification by Craniofacial Superimposition Using Fuzzy Set Theory. *Studies in Fuzziness and Soft Computing*, **2021**, 231-242	0.7	
13	An Iterative Learning Methodology to Design Hierarchical Systems of Linguistic Rules for Linguistic Modeling. *Studies in Fuzziness and Soft Computing*, **2003**, 277-301	0.7	