

Oscar Cordon

List of Publications by Year in descending order

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236
papers

8,082
citations

61857

43
h-index

56606

83
g-index

248
all docs

248
docs citations

248
times ranked

4169
citing authors

#	ARTICLE	IF	CITATIONS
1	Ten years of genetic fuzzy systems: current framework and new trends. <i>Fuzzy Sets and Systems</i> , 2004, 141, 5-31.	1.6	705
2	A proposal on reasoning methods in fuzzy rule-based classification systems. <i>International Journal of Approximate Reasoning</i> , 1999, 20, 21-45.	1.9	336
3	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.	1.9	285
4	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.	3.5	254
5	Generating the knowledge base of a fuzzy rule-based system by the genetic learning of the data base. <i>IEEE Transactions on Fuzzy Systems</i> , 2001, 9, 667-674.	6.5	251
6	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.	6.5	203
7	A three-stage evolutionary process for learning descriptive and approximate fuzzy-logic-controller knowledge bases from examples. <i>International Journal of Approximate Reasoning</i> , 1997, 17, 369-407.	1.9	181
8	Linguistic modeling by hierarchical systems of linguistic rules. <i>IEEE Transactions on Fuzzy Systems</i> , 2002, 10, 2-20.	6.5	177
9	Evolutionary Fuzzy Systems for Explainable Artificial Intelligence: Why, When, What for, and Where to?. <i>IEEE Computational Intelligence Magazine</i> , 2019, 14, 69-81.	3.4	154
10	Applicability of the fuzzy operators in the design of fuzzy logic controllers. <i>Fuzzy Sets and Systems</i> , 1997, 86, 15-41.	1.6	144
11	Human Gait Modeling Using a Genetic Fuzzy Finite State Machine. <i>IEEE Transactions on Fuzzy Systems</i> , 2012, 20, 205-223.	6.5	134
12	A proposal for improving the accuracy of linguistic modeling. <i>IEEE Transactions on Fuzzy Systems</i> , 2000, 8, 335-344.	6.5	127
13	A model of fuzzy linguistic IRS based on multi-granular linguistic information. <i>International Journal of Approximate Reasoning</i> , 2003, 34, 221-239.	1.9	123
14	Genetic feature selection in a fuzzy rule-based classification system learning process for high-dimensional problems. <i>Information Sciences</i> , 2001, 136, 135-157.	4.0	114
15	A fast and accurate approach for 3D image registration using the scatter search evolutionary algorithm. <i>Pattern Recognition Letters</i> , 2006, 27, 1191-1200.	2.6	110
16	MOGUL: A methodology to obtain genetic fuzzy rule-based systems under the iterative rule learning approach. <i>International Journal of Intelligent Systems</i> , 1999, 14, 1123-1153.	3.3	103
17	Analysis and guidelines to obtain a good uniform fuzzy partition granularity for fuzzy rule-based systems using simulated annealing. <i>International Journal of Approximate Reasoning</i> , 2000, 25, 187-215.	1.9	101
18	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.	4.3	100

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19	Fuzzy Control of HVAC Systems Optimized by Genetic Algorithms. <i>Applied Intelligence</i> , 2003, 18, 155-177.	3.3	97
20	Genetic learning of fuzzy rule-based classification systems cooperating with fuzzy reasoning methods. <i>International Journal of Intelligent Systems</i> , 1998, 13, 1025-1053.	3.3	94
21	A two-stage evolutionary process for designing TSK fuzzy rule-based systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1999, 29, 703-715.	5.5	94
22	A genetic learning process for the scaling factors, granularity and contexts of the fuzzy rule-based system data base. <i>Information Sciences</i> , 2001, 136, 85-107.	4.0	93
23	Hybridizing genetic algorithms with sharing scheme and evolution strategies for designing approximate fuzzy rule-based systems. <i>Fuzzy Sets and Systems</i> , 2001, 118, 235-255.	1.6	92
24	Solving Electrical Distribution Problems Using Hybrid Evolutionary Data Analysis Techniques. <i>Applied Intelligence</i> , 1999, 10, 5-24.	3.3	91
25	Hybrid learning models to get the interpretability-accuracy trade-off in fuzzy modeling. <i>Soft Computing</i> , 2006, 10, 717-734.	2.1	82
26	Medical Image Registration Using Evolutionary Computation: An Experimental Survey. <i>IEEE Computational Intelligence Magazine</i> , 2011, 6, 26-42.	3.4	78
27	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.	3.0	78
28	COR: a methodology to improve ad hoc data-driven linguistic rule learning methods by inducing cooperation among rules. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2002, 32, 526-537.	5.5	77
29	Interpretability Improvements to Find the Balance Interpretability-Accuracy in Fuzzy Modeling: An Overview. <i>Studies in Fuzziness and Soft Computing</i> , 2003, , 3-22.	0.6	74
30	Performance evaluation of memetic approaches in 3D reconstruction of forensic objects. <i>Soft Computing</i> , 2009, 13, 883-904.	2.1	73
31	A review on the application of evolutionary computation to information retrieval. <i>International Journal of Approximate Reasoning</i> , 2003, 34, 241-264.	1.9	71
32	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.	4.1	71
33	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.	4.0	69
34	A multiobjective model and evolutionary algorithms for robust time and space assembly line balancing under uncertain demand. <i>Omega</i> , 2016, 58, 55-68.	3.6	60
35	Feature-based image registration by means of the CHC evolutionary algorithm. <i>Image and Vision Computing</i> , 2006, 24, 525-533.	2.7	55
36	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.	3.3	54

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37	Forensic identification by computer-aided craniofacial superimposition. <i>ACM Computing Surveys</i> , 2011, 43, 1-27.	16.1	54
38	An experimental study on the applicability of evolutionary algorithms to craniofacial superimposition in forensic identification. <i>Information Sciences</i> , 2009, 179, 3998-4028.	4.0	51
39	A new evolutionary algorithm combining simulated annealing and genetic programming for relevance feedback in fuzzy information retrieval systems. <i>Soft Computing</i> , 2002, 6, 308-319.	2.1	50
40	FINGRAMS: Visual Representations of Fuzzy Rule-Based Inference for Expert Analysis of Comprehensibility. <i>IEEE Transactions on Fuzzy Systems</i> , 2013, 21, 1133-1149.	6.5	47
41	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.	3.4	46
42	Evolutionary multi-objective optimization for mesh simplification of 3D open models. <i>Integrated Computer-Aided Engineering</i> , 2013, 20, 375-390.	2.5	46
43	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.	4.1	45
44	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.	5.4	44
45	A scatter search-based technique for pair-wise 3D range image registration in forensic anthropology. <i>Soft Computing</i> , 2007, 11, 819-828.	2.1	41
46	Dispersion assessment in the location of facial landmarks on photographs. <i>International Journal of Legal Medicine</i> , 2015, 129, 227-236.	1.2	41
47	Coral Reef Optimization with substrate layers for medical Image Registration. <i>Swarm and Evolutionary Computation</i> , 2018, 42, 138-159.	4.5	40
48	Learning cooperative linguistic fuzzy rules using the best-worst ant system algorithm. <i>International Journal of Intelligent Systems</i> , 2005, 20, 433-452.	3.3	39
49	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.	4.0	37
50	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.	5.1	36
51	A quick MST-based algorithm to obtain Pathfinder networks ($\hat{\alpha} \leq \alpha \leq 1$). <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 1912-1924.	2.6	34
52	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.	4.4	34
53	Multiobjective memetic algorithms for time and space assembly line balancing. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 254-273.	4.3	34
54	A Genetic Fuzzy Linguistic Combination Method for Fuzzy Rule-Based Multiclassifiers. <i>IEEE Transactions on Fuzzy Systems</i> , 2013, 21, 950-965.	6.5	34

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55	Evolutionary multiobjective optimization to target social network influentials in viral marketing. <i>Expert Systems With Applications</i> , 2020, 147, 113183.	4.4	34
56	A hierarchical knowledge-based environment for linguistic modeling: models and iterative methodology. <i>Fuzzy Sets and Systems</i> , 2003, 138, 307-341.	1.6	33
57	A Multiobjective Evolutionary Conceptual Clustering Methodology for Gene Annotation Within Structural Databases: A Case of Study on the <i>Gene Ontology</i> Database. <i>IEEE Transactions on Evolutionary Computation</i> , 2008, 12, 679-701.	7.5	33
58	Modeling the Skullâ€™Face Overlay Uncertainty Using Fuzzy Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2011, 19, 946-959.	6.5	32
59	A comparative study on the application of advanced bacterial foraging models to image registration. <i>Information Sciences</i> , 2015, 295, 160-181.	4.0	32
60	Accuracy Improvements to Find the Balance Interpretability-Accuracy in Linguistic Fuzzy Modeling: An Overview. <i>Studies in Fuzziness and Soft Computing</i> , 2003, , 3-24.	0.6	31
61	Multimodal optimization: An effective framework for model calibration. <i>Information Sciences</i> , 2017, 375, 79-97.	4.0	30
62	Image registration with iterated local search. <i>Journal of Heuristics</i> , 2006, 12, 73-94.	1.1	29
63	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.	0.9	29
64	Scatter Search for the Point-Matching Problem in 3D Image Registration. <i>INFORMS Journal on Computing</i> , 2008, 20, 55-68.	1.0	28
65	Linguistic modeling with hierarchical systems of weighted linguistic rules. <i>International Journal of Approximate Reasoning</i> , 2003, 32, 187-215.	1.9	27
66	Genetic fuzzy systems. New developments. <i>Fuzzy Sets and Systems</i> , 2004, 141, 1-3.	1.6	27
67	Computer vision and soft computing for automatic skullâ€™face overlay in craniofacial superimposition. <i>Forensic Science International</i> , 2014, 245, 77-86.	1.3	27
68	Hierarchical information fusion for decision making in craniofacial superimposition. <i>Information Fusion</i> , 2018, 39, 25-40.	11.7	27
69	Marketing analysis of wineries using social collective behavior from usersâ€™ temporal activity on Twitter. <i>Information Processing and Management</i> , 2020, 57, 102220.	5.4	26
70	Some relationships between fuzzy and random set-based classifiers and models. <i>International Journal of Approximate Reasoning</i> , 2002, 29, 175-213.	1.9	25
71	Improving the learning of Boolean queries by means of a multiobjective IQBE evolutionary algorithm. <i>Information Processing and Management</i> , 2006, 42, 615-632.	5.4	25
72	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.	6.5	25

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73	A cooperative coevolutionary approach dealing with the skull-face overlay uncertainty in forensic identification by craniofacial superimposition. <i>Soft Computing</i> , 2012, 16, 797-808.	2.1	25
74	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.	6.5	24
75	Body posture recognition by means of a genetic fuzzy finite state machine. , 2011, , .		24
76	Genetic learning of fuzzy rule-based classification systems cooperating with fuzzy reasoning methods. <i>International Journal of Intelligent Systems</i> , 1998, 13, 1025-1053.	3.3	24
77	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.	1.0	24
78	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.	1.3	23
79	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.	1.6	23
80	Searching for basic properties obtaining robust implication operators in fuzzy control. <i>Fuzzy Sets and Systems</i> , 2000, 111, 237-251.	1.6	22
81	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.	4.0	22
82	Analysis of the Best-Worst Ant System and Its Variants on the QAP. <i>Lecture Notes in Computer Science</i> , 2002, , 228-234.	1.0	22
83	Embedding HILK in a three-objective evolutionary algorithm with the aim of modeling highly interpretable fuzzy rule-based classifiers. , 2010, , .		21
84	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.	4.4	21
85	Deep architectures for high-resolution multi-organ chest X-ray image segmentation. <i>Neural Computing and Applications</i> , 2020, 32, 15949-15963.	3.2	21
86	Self-adaptive evolutionary image registration using differential evolution and artificial immune systems. <i>Pattern Recognition Letters</i> , 2012, 33, 2065-2070.	2.6	20
87	Modeling Facial Soft Tissue Thickness for Automatic Skull-Face Overlay. <i>IEEE Transactions on Information Forensics and Security</i> , 2015, 10, 2057-2070.	4.5	20
88	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.	3.5	20
89	3D-2D silhouette-based image registration for comparative radiography-based forensic identification. <i>Pattern Recognition</i> , 2018, 83, 469-480.	5.1	20
90	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.	0.6	19

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91	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.	1.4	19
92	Debugging complex software systems by means of pathfinder networks. <i>Information Sciences</i> , 2010, 180, 561-583.	4.0	19
93	Self-Adaptive Evolution Toward New Parameter Free Image Registration Methods. <i>IEEE Transactions on Evolutionary Computation</i> , 2013, 17, 545-557.	7.5	19
94	Linguistic modeling with weighted double-consequent fuzzy rules based on cooperative coevolutionary learning. <i>Integrated Computer-Aided Engineering</i> , 2003, 10, 343-355.	2.5	18
95	Three-objective subgraph mining using multiobjective evolutionary programming. <i>Journal of Computer and System Sciences</i> , 2014, 80, 16-26.	0.9	18
96	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.	4.1	18
97	Modeling agent-based consumers decision-making with 2-tuple fuzzy linguistic perceptions. <i>International Journal of Intelligent Systems</i> , 2020, 35, 283-299.	3.3	18
98	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	17
99	Recent advances in genetic fuzzy systems. <i>Information Sciences</i> , 2001, 136, 1-5.	4.0	16
100	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	16
101	Fuzzy logic and multiobjective evolutionary algorithms as soft computing tools for persistent query learning in text retrieval environments. , 0, , .		16
102	An advanced scatter search design for skull-face overlay in craniofacial superimposition. <i>Expert Systems With Applications</i> , 2012, 39, 1459-1473.	4.4	16
103	Quality time-of-flight range imaging for feature-based registration using bacterial foraging. <i>Applied Soft Computing Journal</i> , 2013, 13, 3178-3189.	4.1	16
104	NectaRSS, an intelligent RSS feed reader. <i>Journal of Network and Computer Applications</i> , 2008, 31, 793-806.	5.8	15
105	Image Segmentation Using Extended Topological Active Nets Optimized by Scatter Search. <i>IEEE Computational Intelligence Magazine</i> , 2013, 8, 16-32.	3.4	15
106	A multiobjective evolutionary programming framework for graph-based data mining. <i>Information Sciences</i> , 2013, 237, 118-136.	4.0	15
107	A CHC Evolutionary Algorithm for 3D Image Registration. <i>Lecture Notes in Computer Science</i> , 2003, , 404-411.	1.0	15
108	Fuzzy modeling by hierarchically built fuzzy rule bases. <i>International Journal of Approximate Reasoning</i> , 2001, 27, 61-93.	1.9	14

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109	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.	2.7	14
110	MOSubdue: a Pareto dominance-based multiobjective Subdue algorithm for frequent subgraph mining. <i>Knowledge and Information Systems</i> , 2013, 34, 75-108.	2.1	14
111	Interactive preferences in multiobjective ant colony optimisation for assembly line balancing. <i>Soft Computing</i> , 2015, 19, 2891-2903.	2.1	14
112	Modeling Skull-Face Anatomical/Morphological Correspondence for Craniofacial Superimposition-Based Identification. <i>IEEE Transactions on Information Forensics and Security</i> , 2018, 13, 1481-1494.	4.5	14
113	Evolutionary Learning of Boolean Queries by Multiobjective Genetic Programming. <i>Lecture Notes in Computer Science</i> , 2002, , 710-719.	1.0	14
114	GRASP and path relinking hybridizations for the point matching-based image registration problem. <i>Journal of Heuristics</i> , 2012, 18, 169-192.	1.1	12
115	Identimod: Modeling and managing brand value using soft computing. <i>Decision Support Systems</i> , 2016, 89, 41-55.	3.5	12
116	Genetic algorithms for skull-face overlay including mandible articulation. <i>Information Sciences</i> , 2017, 420, 200-217.	4.0	12
117	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.	4.5	12
118	Handbook on Craniofacial Superimposition. , 2020, , .		12
119	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.	4.9	12
120	Highly Interpretable Linguistic Knowledge Bases Optimization: Genetic Tuning versus Solis-Wetts. Looking for a good interpretability-accuracy trade-off. <i>IEEE International Conference on Fuzzy Systems</i> , 2007, , .	0.0	11
121	A GRASP Algorithm for Clustering. <i>Lecture Notes in Computer Science</i> , 2002, , 214-223.	1.0	10
122	Craniofacial Superimposition in Forensic Identification using Genetic Algorithms. , 2007, , .		10
123	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.	0.9	10
124	A first study on bagging fuzzy rule-based classification systems with multicriteria genetic selection of the component classifiers. , 2008, , .		9
125	Social Network Analysis of Co-fired Fuzzy Rules. <i>Studies in Fuzziness and Soft Computing</i> , 2013, , 113-128.	0.6	9
126	A framework of opinion dynamics using fuzzy linguistic 2-tuples. <i>Knowledge-Based Systems</i> , 2021, 233, 107559.	4.0	9

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127	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.	6.5	8
128	moGrams: A Network-Based Methodology for Visualizing the Set of Nondominated Solutions in Multiobjective Optimization. IEEE Transactions on Cybernetics, 2018, 48, 474-485.	6.2	8
129	Propuesta de rankings de universidades españolas en redes sociales. Profesional De La Informacion, 2016, 25, 684.	2.7	8
130	COR Methodology: A Simple Way to Obtain Linguistic Fuzzy Models with Good Interpretability and Accuracy. Studies in Fuzziness and Soft Computing, 2003, , 27-45.	0.6	8
131	Tackling the coplanarity problem in 3D camera calibration by means of fuzzy landmarks: a performance study in forensic craniofacial superimposition. , 2009, , .		7
132	A multiobjective variant of the Subdue graph mining algorithm based on the NSGA-II selection mechanism. , 2010, , .		7
133	The impact of soft computing for the progress of artificial intelligence. Applied Soft Computing Journal, 2011, 11, 1491-1492.	4.1	7
134	An experimental study on fuzzy distances for skullâ€“face overlay in craniofacial superimposition. Fuzzy Sets and Systems, 2017, 318, 100-119.	1.6	7
135	A quick GRASP-based method for influence maximization in social networks. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 3767-3779.	3.3	7
136	Cooperative Coevolution for Learning Fuzzy Rule-Based Systems. Lecture Notes in Computer Science, 2002, , 311-322.	1.0	7
137	Evolutionary Approaches for Automatic 3D Modeling of Skulls in Forensic Identification. , 2007, , 415-422.		7
138	Craniofacial Superimposition Based on Genetic Algorithms and Fuzzy Location of Cephalometric Landmarks. Lecture Notes in Computer Science, 2008, , 599-607.	1.0	7
139	A Prediction System for Cardiovascularity Diseases Using Genetic Fuzzy Rule-Based Systems. Lecture Notes in Computer Science, 2002, , 381-391.	1.0	6
140	Combining Rule Weight Learning and Rule Selection to Obtain Simpler and More Accurate Linguistic Fuzzy Models. Lecture Notes in Computer Science, 2003, , 44-63.	1.0	6
141	On the Use of Bagging, Mutual Information-Based Feature Selection and Multicriteria Genetic Algorithms to Design Fuzzy Rule-Based Classification Ensembles. , 2008, , .		6
142	Integration of an EMO-based preference elicitation scheme into a multi-objective ACO algorithm for time and Space Assembly Line Balancing. , 2009, , .		6
143	Coral reefs optimization algorithms for agent-based model calibration. Engineering Applications of Artificial Intelligence, 2021, 100, 104170.	4.3	6
144	MOGUL: A methodology to obtain genetic fuzzy ruleâ€“based systems under the iterative rule learning approach. International Journal of Intelligent Systems, 1999, 14, 1123-1153.	3.3	6

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145	Improving Simple Linguistic Fuzzy Models by Means of the Weighted COR Methodology. Lecture Notes in Computer Science, 2002, , 294-302.	1.0	6
146	Different Approaches to Induce Cooperation in Fuzzy Linguistic Models Under the COR Methodology. Studies in Fuzziness and Soft Computing, 2002, , 321-334.	0.6	6
147	Special Issue on Hybrid and Ensemble Methods in Machine Learning. New Generation Computing, 2011, 29, 241-244.	2.5	5
148	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.	1.0	5
149	Bacterial Foraging Optimization for intensity-based medical image registration. , 2015, , .		5
150	Evolutionary Multiobjective Optimization for Automatic Agent-Based Model Calibration: A Comparative Study. IEEE Access, 2021, 9, 55284-55299.	2.6	5
151	Deep architectures for the segmentation of frontal sinuses in X-ray images: Towards an automatic forensic identification system in comparative radiography. Neurocomputing, 2021, 456, 575-585.	3.5	5
152	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.	1.0	5
153	Detecting Key Variables in System Dynamics Modelling by Using Social Network Metrics. Lecture Notes in Economics and Mathematical Systems, 2015, , 207-217.	0.3	5
154	Incorporating Preferences to a Multi-objective Ant Colony Algorithm for Time and Space Assembly Line Balancing. Lecture Notes in Computer Science, 2008, , 331-338.	1.0	5
155	A Three-stage method for designing Genetic Fuzzy Systems by learning from examples. Lecture Notes in Computer Science, 1996, , 720-729.	1.0	5
156	On the Combination of Accuracy and Diversity Measures for Genetic Selection of Bagging Fuzzy Rule-Based Multiclassification Systems. , 2009, , .		4
157	Extended Topological Active Nets. Image and Vision Computing, 2013, 31, 905-920.	2.7	4
158	Computer-based craniofacial superimposition in forensic identification using soft computing. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 683-697.	3.3	4
159	Advanced visualization of Twitter data for its analysis as a communication channel in traditional companies. Progress in Artificial Intelligence, 2019, 8, 307-323.	1.5	4
160	Simulating the influence of terror management strategies on the voter ideological distance using agent-based modeling. Telematics and Informatics, 2021, 63, 101656.	3.5	4
161	Automatic 3D Modeling of Skulls by Scatter Search and Heuristic Features. Advances in Soft Computing, 2009, , 149-158.	0.4	4
162	A Review on the Application of Hybrid Artificial Intelligence Systems to Optimization Problems in Operations Management. Lecture Notes in Computer Science, 2009, , 360-367.	1.0	4

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163	A Scatter Search Algorithm for the 3D Image Registration Problem. Lecture Notes in Computer Science, 2004, , 471-480.	1.0	3
164	MOEP-SO: A multiobjective evolutionary programming algorithm for graph mining. , 2011, , .		3
165	Mesh simplification for 3D modeling using evolutionary multi-objective optimization. , 2012, , .		3
166	Metaheuristics for Medical Image Registration. , 2018, , 1079-1101.		3
167	Performance analysis of real-coded evolutionary algorithms under a computationally expensive optimization scenario: 3Dâ€“2D Comparative Radiography. Applied Soft Computing Journal, 2020, 97, 106793.	4.1	3
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