

Gary G Yen

List of Publications by Year in descending order

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211
papers

9,157
citations

47006

47
h-index

43889

91
g-index

213
all docs

213
docs citations

213
times ranked

5539
citing authors

#	ARTICLE	IF	CITATIONS
1	Problems with fitting to the power-law distribution. European Physical Journal B, 2004, 41, 255-258.	1.5	494
2	Automatically Designing CNN Architectures Using the Genetic Algorithm for Image Classification. IEEE Transactions on Cybernetics, 2020, 50, 3840-3854.	9.5	473
3	Fuzzy-Based Pareto Optimality for Many-Objective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2014, 18, 269-285.	10.0	445
4	Evolving Deep Convolutional Neural Networks for Image Classification. IEEE Transactions on Evolutionary Computation, 2020, 24, 394-407.	10.0	409
5	IGD Indicator-Based Evolutionary Algorithm for Many-Objective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2019, 23, 173-187.	10.0	325
6	Constraint Handling in Multiobjective Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2009, 13, 514-525.	10.0	284
7	Particle swarm optimization of deep neural networks architectures for image classification. Swarm and Evolutionary Computation, 2019, 49, 62-74.	8.1	256
8	Transfer Learning-Based Dynamic Multiobjective Optimization Algorithms. IEEE Transactions on Evolutionary Computation, 2018, 22, 501-514.	10.0	238
9	Adaptive Multiobjective Particle Swarm Optimization Based on Parallel Cell Coordinate System. IEEE Transactions on Evolutionary Computation, 2015, 19, 1-18.	10.0	194
10	An Adaptive Penalty Formulation for Constrained Evolutionary Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 565-578.	2.9	193
11	Completely Automated CNN Architecture Design Based on Blocks. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1242-1254.	11.3	188
12	A Cluster-Based Differential Evolution With Self-Adaptive Strategy for Multimodal Optimization. IEEE Transactions on Cybernetics, 2014, 44, 1314-1327.	9.5	162
13	Performance Metric Ensemble for Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2014, 18, 131-144.	10.0	161
14	MOMMOP: Multiobjective Optimization for Locating Multiple Optimal Solutions of Multimodal Optimization Problems. IEEE Transactions on Cybernetics, 2015, 45, 830-843.	9.5	157
15	PSO-Based Multiobjective Optimization With Dynamic Population Size and Adaptive Local Archives. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1270-1293.	5.0	154
16	Incorporating Objective Function Information Into the Feasibility Rule for Constrained Evolutionary Optimization. IEEE Transactions on Cybernetics, 2016, 46, 2938-2952.	9.5	153
17	A Multimodal Multiobjective Evolutionary Algorithm Using Two-Archive and Recombination Strategies. IEEE Transactions on Evolutionary Computation, 2019, 23, 660-674.	10.0	150
18	Surrogate-Assisted Evolutionary Deep Learning Using an End-to-End Random Forest-Based Performance Predictor. IEEE Transactions on Evolutionary Computation, 2020, 24, 350-364.	10.0	150

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19	A Survey on Evolutionary Neural Architecture Search. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 550-570.	11.3	139
20	Many-Objective Evolutionary Algorithm: Objective Space Reduction and Diversity Improvement. IEEE Transactions on Evolutionary Computation, 2016, 20, 145-160.	10.0	127
21	Dynamic Multiple Swarms in Multiobjective Particle Swarm Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 890-911.	2.9	121
22	Visualization and Performance Metric in Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2016, 20, 386-402.	10.0	119
23	A Dual-Population Differential Evolution With Coevolution for Constrained Optimization. IEEE Transactions on Cybernetics, 2015, 45, 1108-1121.	9.5	118
24	A Many-Objective Evolutionary Algorithm With Enhanced Mating and Environmental Selections. IEEE Transactions on Evolutionary Computation, 2015, 19, 592-605.	10.0	117
25	A Consensus Community-Based Particle Swarm Optimization for Dynamic Community Detection. IEEE Transactions on Cybernetics, 2020, 50, 2502-2513.	9.5	115
26	Dynamic Evolutionary Algorithm With Variable Relocation. IEEE Transactions on Evolutionary Computation, 2009, 13, 500-513.	10.0	111
27	Evolving Unsupervised Deep Neural Networks for Learning Meaningful Representations. IEEE Transactions on Evolutionary Computation, 2019, 23, 89-103.	10.0	110
28	A Particle Swarm Optimization-Based Flexible Convolutional Autoencoder for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2295-2309.	11.3	107
29	Minimum Manhattan Distance Approach to Multiple Criteria Decision Making in Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2016, 20, 972-985.	10.0	104
30	Many-Objective Evolutionary Algorithms Based on Coordinated Selection Strategy. IEEE Transactions on Evolutionary Computation, 2017, 21, 220-233.	10.0	102
31	Knee Point-Based Imbalanced Transfer Learning for Dynamic Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 117-129.	10.0	99
32	Cultural-Based Multiobjective Particle Swarm Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 553-567.	5.0	95
33	A New Two-Stage Evolutionary Algorithm for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 748-761.	10.0	90
34	Online multiple-model-based fault diagnosis and accommodation. IEEE Transactions on Industrial Electronics, 2003, 50, 296-312.	7.9	89
35	Constrained Optimization Via Artificial Immune System. IEEE Transactions on Cybernetics, 2014, 44, 185-198.	9.5	85
36	An Evolutionary Algorithm Based on Minkowski Distance for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2019, 49, 3968-3979.	9.5	85

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37	Utilizing cumulative population distribution information in differential evolution. <i>Applied Soft Computing Journal</i> , 2016, 48, 329-346.	7.2	81
38	A cluster based PSO with leader updating mechanism and ring-topology for multimodal multi-objective optimization. <i>Swarm and Evolutionary Computation</i> , 2019, 50, 100569.	8.1	80
39	A reinforcement learning approach for dynamic multi-objective optimization. <i>Information Sciences</i> , 2021, 546, 815-834.	6.9	70
40	Vaccine-Enhanced Artificial Immune System for Multimodal Function Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010, 40, 218-228.	5.0	67
41	Integration of Global and Local Metrics for Domain Adaptation Learning Via Dimensionality Reduction. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 38-51.	9.5	66
42	Many-Objective Particle Swarm Optimization Using Two-Stage Strategy and Parallel Cell Coordinate System. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 1446-1459.	9.5	65
43	A grid-based adaptive multi-objective differential evolution algorithm. <i>Information Sciences</i> , 2016, 367-368, 890-908.	6.9	61
44	A knee-guided prediction approach for dynamic multi-objective optimization. <i>Information Sciences</i> , 2020, 509, 193-209.	6.9	56
45	Constrained Multiple-Swarm Particle Swarm Optimization Within a Cultural Framework. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012, 42, 475-490.	2.9	55
46	Dynamic Multi-objective Estimation of Distribution Algorithm based on Domain Adaptation and Nonparametric Estimation. <i>Information Sciences</i> , 2018, 435, 203-223.	6.9	52
47	Differential evolution mutation operators for constrained multi-objective optimization. <i>Applied Soft Computing Journal</i> , 2018, 67, 452-466.	7.2	52
48	Multiobjective Evolution Strategy for Dynamic Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2020, 24, 974-988.	10.0	51
49	Crossmaps: Visualization of overlapping relationships in collections of journal papers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5291-5296.	7.1	49
50	A Knee-Guided Evolutionary Algorithm for Compressing Deep Neural Networks. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1626-1638.	9.5	49
51	Brain-Inspired Systems: A Transdisciplinary Exploration on Cognitive Cybernetics, Humanity, and Systems Science Toward Autonomous Artificial Intelligence. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , 2020, 6, 6-13.	1.4	48
52	Minority Oversampling in Kernel Adaptive Subspaces for Class Imbalanced Datasets. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018, 30, 950-962.	5.7	47
53	On the estimation of pareto front and dimensional similarity in many-objective evolutionary algorithm. <i>Information Sciences</i> , 2021, 563, 375-400.	6.9	47
54	Robust Multiobjective Optimization via Evolutionary Algorithms. <i>IEEE Transactions on Evolutionary Computation</i> , 2019, 23, 316-330.	10.0	46

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55	Pruning Deep Convolutional Neural Networks Architectures with Evolution Strategy. Information Sciences, 2021, 552, 29-47.	6.9	45
56	Knee-Based Decision Making and Visualization in Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 292-306.	10.0	43
57	Evolutionary Multiobjective Optimization With Robustness Enhancement. IEEE Transactions on Evolutionary Computation, 2020, 24, 494-507.	10.0	42
58	A Sorting System for Hierarchical Grading of Diabetic Fundus Images: A Preliminary Study. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 118-130.	3.2	40
59	Evolutionary Compression of Deep Neural Networks for Biomedical Image Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2916-2929.	11.3	40
60	A grey prediction-based evolutionary algorithm for dynamic multiobjective optimization. Swarm and Evolutionary Computation, 2020, 56, 100695.	8.1	38
61	A knee-guided differential evolution algorithm for unmanned aerial vehicle path planning in disaster management. Applied Soft Computing Journal, 2021, 98, 106857.	7.2	36
62	Multi-objective evolution strategy for multimodal multi-objective optimization. Applied Soft Computing Journal, 2021, 101, 107004.	7.2	35
63	An Experimental Study on Hyper-parameter Optimization for Stacked Auto-Encoders. , 2018, , .		32
64	Knee based multimodal multi-objective evolutionary algorithm for decision making. Information Sciences, 2021, 544, 39-55.	6.9	32
65	Adaptive neural control for space structure vibration suppression. Smart Materials and Structures, 1999, 8, 753-766.	3.5	31
66	Evolutionary Algorithm for Knee-Based Multiple Criteria Decision Making. IEEE Transactions on Cybernetics, 2021, 51, 722-735.	9.5	31
67	Pattern classification by a neurofuzzy network: application to vibration monitoring. ISA Transactions, 2000, 39, 293-308.	5.7	29
68	Improved Regularity Model-Based EDA for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2018, 22, 662-678.	10.0	29
69	Adaptive Multiobjective Particle Swarm Optimization Based on Evolutionary State Estimation. IEEE Transactions on Cybernetics, 2021, 51, 3738-3751.	9.5	29
70	Group-based Yule model for bipartite author-paper networks. Physical Review E, 2005, 71, 026108.	2.1	28
71	Constraint handling in multi-objective evolutionary optimization. , 2007, , .		28
72	Automatic Searching and Pruning of Deep Neural Networks for Medical Imaging Diagnostic. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5664-5674.	11.3	26

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73	Two-Stage Double Niche Evolution Strategy for Multimodal Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 754-768.	10.0	26
74	Reinforcement learning algorithms for robotic navigation in dynamic environments. ISA Transactions, 2004, 43, 217-230.	5.7	25
75	DIVERSITY-BASED INFORMATION EXCHANGE AMONG MULTIPLE SWARMS IN PARTICLE SWARM OPTIMIZATION. International Journal of Computational Intelligence and Applications, 2008, 07, 57-75.	0.8	25
76	A Novel Training Protocol for Performance Predictors of Evolutionary Neural Architecture Search Algorithms. IEEE Transactions on Evolutionary Computation, 2021, 25, 524-536.	10.0	24
77	Dynamic optimization using cultural based PSO. , 2011, , .		23
78	Reference line-based Estimation of Distribution Algorithm for many-objective optimization. Knowledge-Based Systems, 2017, 132, 129-143.	7.1	23
79	A cluster-based clonal selection algorithm for optimization in dynamic environment. Swarm and Evolutionary Computation, 2019, 50, 100454.	8.1	23
80	Health monitoring of vibration signatures in rotorcraft wings. Neural Processing Letters, 1996, 4, 127-137.	3.2	22
81	Acoustic emission data assisted process monitoring. ISA Transactions, 2002, 41, 273-282.	5.7	22
82	Ranked Centroid Projection: A Data Visualization Approach With Self-Organizing Maps. IEEE Transactions on Neural Networks, 2008, 19, 245-259.	4.2	22
83	A Meta-Objective Approach for Many-Objective Evolutionary Optimization. Evolutionary Computation, 2020, 28, 1-25.	3.0	21
84	A Polar-Metric-Based Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 3429-3440.	9.5	21
85	Masked GAN for Unsupervised Depth and Pose Prediction With Scale Consistency. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5392-5403.	11.3	21
86	HIERARCHICAL GENETIC ALGORITHM FOR NEAR-OPTIMAL FEEDFORWARD NEURAL NETWORK DESIGN. International Journal of Neural Systems, 2002, 12, 31-43.	5.2	20
87	Evolution Strategy-Based Many-Objective Evolutionary Algorithm Through Vector Equilibrium. IEEE Transactions on Cybernetics, 2021, 51, 5455-5467.	9.5	20
88	Mission Planning for Energy-Efficient Passive UAV Radar Imaging System Based on Substage Division Collaborative Search. IEEE Transactions on Cybernetics, 2023, 53, 275-288.	9.5	20
89	Hybrid bi-objective portfolio optimization with pre-selection strategy. Information Sciences, 2017, 417, 401-419.	6.9	19
90	Pruning of generative adversarial neural networks for medical imaging diagnostics with evolution strategy. Information Sciences, 2021, 558, 91-102.	6.9	19

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91	Dynamic multiobjective optimization driven by inverse reinforcement learning. Information Sciences, 2021, 575, 468-484.	6.9	18
92	Hierarchical Rank Density Genetic Algorithm for Radial-Basis Function Neural Network Design. International Journal of Computational Intelligence and Applications, 2003, 03, 213-232.	0.8	17
93	Fault classification on vibration data with wavelet based feature selection scheme. ISA Transactions, 2006, 45, 141-151.	5.7	17
94	Solving hybrid charging strategy electric vehicle based dynamic routing problem via evolutionary multi-objective optimization. Swarm and Evolutionary Computation, 2022, 68, 100975.	8.1	17
95	Job shop scheduling optimization through multiple independent particle swarms. International Journal of Intelligent Computing and Cybernetics, 2009, 2, 5-33.	2.7	16
96	Evolutionary Shallowing Deep Neural Networks at Block Levels. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4635-4647.	11.3	16
97	Robust Multiobjective Optimization for Vehicle Routing Problem With Time Windows. IEEE Transactions on Cybernetics, 2022, 52, 8300-8314.	9.5	16
98	RECONFIGURABLE CONTROL SYSTEM DESIGN FOR FAULT DIAGNOSIS AND ACCOMMODATION. International Journal of Neural Systems, 2002, 12, 497-520.	5.2	15
99	A Multiobjective Particle Swarm Optimizer for Constrained Optimization. International Journal of Swarm Intelligence Research, 2011, 2, 1-23.	0.7	15
100	Handling Imbalance Between Convergence and Diversity in the Decision Space in Evolutionary Multi-Modal Multi-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2019, , 1-1.	10.0	15
101	When Autonomous Systems Meet Accuracy and Transferability through AI: A Survey. Patterns, 2020, 1, 100050.	5.9	15
102	An Online Prediction Approach Based on Incremental Support Vector Machine for Dynamic Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 690-703.	10.0	15
103	On-Line Signature Partitioning Using a Population Based Algorithm. Journal of Artificial Intelligence and Soft Computing Research, 2020, 10, 5-13.	4.3	15
104	CONSTRUCTING A FUZZY RULE-BASED SYSTEM USING THE ILFN NETWORK AND GENETIC ALGORITHM. International Journal of Neural Systems, 2001, 11, 427-443.	5.2	14
105	On the Normalization in Evolutionary Multi-Modal Multi-Objective Optimization. , 2020, , .		14
106	Adaptive user interfaces in complex supervisory tasks. ISA Transactions, 2009, 48, 196-205.	5.7	13
107	An Evolutionary Algorithm With Constraint Relaxation Strategy for Highly Constrained Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3190-3204.	9.5	13
108	A decomposition-based evolutionary algorithm using an estimation strategy for multimodal multi-objective optimization. Information Sciences, 2022, 606, 531-548.	6.9	13

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109	Cultural MOPSO: A cultural framework to adapt parameters of multiobjective particle swarm optimization. , 2008, , .		12
110	Evolutionary Neural Architecture Search for Automatic Esophageal Lesion Identification and Segmentation. IEEE Transactions on Artificial Intelligence, 2022, 3, 436-450.	4.7	12
111	A SOM PROJECTION TECHNIQUE WITH THE GROWING STRUCTURE FOR VISUALIZING HIGH-DIMENSIONAL DATA. International Journal of Neural Systems, 2003, 13, 353-365.	5.2	11
112	Dendrogram Seriation Using Simulated Annealing. Information Visualization, 2003, 2, 95-104.	1.9	11
113	A Culture-Based Particle Swarm Optimization Framework for Dynamic, Constrained Multi-Objective Optimization. International Journal of Swarm Intelligence Research, 2012, 3, 1-29.	0.7	10
114	A cluster-based immune-inspired algorithm using manifold learning for multimodal multi-objective optimization. Information Sciences, 2021, 581, 304-326.	6.9	10
115	A novel predictive method based on key points for dynamic multi-objective optimization. Expert Systems With Applications, 2022, 190, 116127.	7.6	10
116	ACCURACY, COMPREHENSIBILITY AND COMPLETENESS EVALUATION OF A FUZZY EXPERT SYSTEM. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 445-466.	1.9	9
117	Job shop optimization through multiple independent particle swarms. , 2007, , .		9
118	Ranking many-objective Evolutionary Algorithms using performance metrics ensemble. , 2013, , .		8
119	Diversity improvement in Decomposition-Based Multi-Objective Evolutionary Algorithm for many-objective optimization problems. , 2014, , .		8
120	Coordination of Exploration and Exploitation in a Dynamic Environment. International Journal of Smart Engineering System Design, 2002, 4, 177-182.	0.2	7
121	Intelligent on-line fault tolerant control for unanticipated catastrophic failures. ISA Transactions, 2004, 43, 549-569.	5.7	7
122	Multiple objective evolutionary algorithm for temporal linguistic rule extraction. ISA Transactions, 2005, 44, 315-327.	5.7	7
123	Constraint handling procedure for multiobjective particle swarm optimization. , 2010, , .		7
124	An improved visualization approach in many-objective optimization. , 2016, , .		7
125	A Many-Objective Particle Swarm Optimization Based On Virtual Pareto Front. , 2018, , .		7
126	BenchENAS: A Benchmarking Platform for Evolutionary Neural Architecture Search. IEEE Transactions on Evolutionary Computation, 2022, 26, 1473-1485.	10.0	7

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127	AUTOMATIC FROG CALLS MONITORING SYSTEM: A MACHINE LEARNING APPROACH. International Journal of Computational Intelligence and Applications, 2001, 01, 165-186.	0.8	6
128	Cultural-based particle swarm for dynamic optimisation problems. International Journal of Systems Science, 2012, 43, 1284-1304.	5.5	6
129	A many-objective evolutionary algorithm based on directional diversity and favorable convergence. , 2014, , .		6
130	Evolving Deep Neural Networks for Movie Box-Office Revenues Prediction. , 2018, , .		6
131	Solving Expensive Multimodal Optimization Problem by a Decomposition Differential Evolution Algorithm. IEEE Transactions on Cybernetics, 2023, 53, 2236-2246.	9.5	6
132	Automatic Design of Convolutional Neural Network Architectures Under Resource Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3832-3846.	11.3	6
133	<title>Automatic frog call monitoring system: a machine learning approach</title>. , 2002, 4739, 188.		5
134	3-D Retinal Curvature Estimation. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 997-1005.	3.2	5
135	CULTURAL MULTIOBJECTIVE PSO WITH SENSITIVITY ANALYSIS FOR PARAMETERS USING ADDITIVE BINARY EPSILON INDICATOR. International Journal of Computational Intelligence and Applications, 2011, 10, 121-139.	0.8	5
136	Snippet Policy Network for Multi-class Varied-length ECG Early Classification. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	5
137	Tuning of fault tolerant control design parameters. ISA Transactions, 2008, 47, 127-142.	5.7	4
138	Manifold dimension reduction based clustering for multi-objective evolutionary algorithm. , 2016, , .		4
139	Comparison of visualization approaches in many-objective optimization. , 2017, , .		4
140	IEEE Access Special Section Editorial: Data Mining and Granular Computing in Big Data and Knowledge Processing. IEEE Access, 2019, 7, 47682-47686.	4.2	4
141	Knee Points based Transfer Dynamic Multi-objective optimization Evolutionary Algorithm. , 2020, , .		4
142	Multipopulation-Based Differential Evolution for Large-Scale Many-Objective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 7596-7608.	9.5	4
143	AUTOMATIC FACIAL FEATURE EXTRACTION USING EDGE DISTRIBUTION AND GENETIC SEARCH. International Journal of Computational Intelligence and Applications, 2003, 03, 89-100.	0.8	3
144	Bridging the gap between data acquisition and inference ontologies: toward ontology-based link discovery. , 2003, 5071, 116.		3

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145	Learning and Intelligence [Editor's remarks]. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.2	3
146	When one door closes, another door opens... [Editor's Remarks. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.2	3
147	Constraint Handling in Particle Swarm Optimization. International Journal of Swarm Intelligence Research, 2010, 1, 42-63.	0.7	3
148	Solving constrained optimization using multiple swarm cultural PSO with inter-swarm communication. , 2010, , .		3
149	Constrained optimization using artificial immune system. , 2010, , .		3
150	Fuzzy multiobjective differential evolution using performance metrics feedback. , 2014, , .		3
151	Snippet Policy Network V2: Knee-Guided Neuroevolution for Multi-Lead ECG Early Classification. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 2167-2181.	11.3	3
152	Direct optimal control: A hybrid approach. International Journal of Control, 1997, 67, 193-212.	1.9	2
153	<title>On-line intelligent fault-tolerant control for catastrophic system failures</title>. , 2001, , .		2
154	Dynamic evolutionary algorithm with variable relocation vectors. , 2007, , .		2
155	Dynamic swarms in PSO-based multiobjective optimization. , 2007, , .		2
156	Vaccine enhanced artificial immune system for multimodal function optimization. , 2008, , .		2
157	Evolutionary multiobjective optimization [Editor's remarks]. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.2	2
158	An ensemble method for performance metrics in multiobjective evolutionary algorithms. , 2011, , .		2
159	Sensitivity analysis of Parallel Cell Coordinate System in Many-objective Particle Swarm Optimization. , 2014, , .		2
160	An immune inspired framework for optimization in dynamic environment. , 2016, , .		2
161	Global view-based selection mechanism for many-objective evolutionary algorithms. , 2017, , .		2
162	Soft constraint handling for a real-world multiobjective energy distribution problem. International Journal of Production Research, 2020, 58, 6061-6077.	7.5	2

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163	Facial Feature Tracking via Evolutionary Multiobjective Optimization. International Journal of Applied Evolutionary Computation, 2010, 1, 57-71.	1.0	2
164	Multi-Modal Multi-Objective Traveling Salesman Problem and its Evolutionary Optimizer. , 2021, , .		2
165	A two-tiered, agent based approach for autonomous, evolutionary texture generation. , 2008, , .		1
166	A new fitness evaluation method based on fuzzy logic in multiobjective evolutionary algorithms. , 2012, , .		1
167	Immune-inspired evolutionary algorithm for constrained optimization. , 2012, , .		1
168	A quasi-gradient and cluster-based artificial immune system for dynamic optimization. , 2013, , .		1
169	A novel differential evolution for constrained optimization. , 2014, , .		1
170	Conference Report on 2016 IEEE World Congress on Computational Intelligence (IEEE WCCI 2016) [Conference Reports]. IEEE Computational Intelligence Magazine, 2017, 12, 9-12.	3.2	1
171	Guest Editorial: Special Issue on Computational Intelligence for Communications and Sensing. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 1-4.	4.9	1
172	Guest Editorial Evolutionary Computation Meets Deep Learning. IEEE Transactions on Evolutionary Computation, 2021, 25, 810-814.	10.0	1
173	Multi-Objective Evolutionary Algorithm for Radial Basis Function Neural Network Design. , 2006, , 221-239.		1
174	Fault-Tolerant Control. , 2005, , 1085-1105.		1
175	Year-End Review. IEEE Computational Intelligence Magazine, 2006, 1, 2-2.	3.2	1
176	A Particle Swarm Optimizer for Constrained Multiobjective Optimization. Advances in Computational Intelligence and Robotics Book Series, 2015, , 128-159.	0.4	1
177	ArcText: A Unified Text Approach to Describing Convolutional Neural Network Architectures. IEEE Transactions on Artificial Intelligence, 2022, 3, 526-540.	4.7	1
178	Hyperparameter Search using the Genetic Algorithm for Surrogate Modeling of Geophysical Flows. , 2022, , .		1
179	<title>Adaptive time-delay neural control in large space structures</title>. , 1994, 2243, 420.		0
180	Knowledge representation based on vibration monitoring. , 1998, 3390, 262.		0

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181	<title>Development of a neuro-fuzzy expert system for predictive maintenance</title>. , 2001, , .		0
182	<title>Combined numerical and linguistic knowledge representation and its application to medical diagnosis</title>. , 2002, , .		0
183	Local Signal based Supplementary Excitation Controller for Damping Inter-area Oscillations through Recurrent Neural Networks. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	0
184	Biomarker identification and sorting for diabetic retinopathy. , 2007, , .		0
185	Editor's remarks - We need you.... IEEE Computational Intelligence Magazine, 2007, 2, 2-2.	3.2	0
186	Better is Yet to Come [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2007, 2, 2-2.	3.2	0
187	High-Level Cognitive Functions [Editors Remarks]. IEEE Computational Intelligence Magazine, 2007, 2, 2-2.	3.2	0
188	CI-based Cyber Security applications [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2008, 3, 2-2.	3.2	0
189	Fuzzy Intelligence [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2008, 3, 2-10.	3.2	0
190	Computational Finance and Economics [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2008, 3, 2-14.	3.2	0
191	Impact of tuning parameters on dynamic swarms in PSO-based multiobjective optimization. , 2008, , .		0
192	Facial feature analysis in dynamic bandwidth environments: A genetic approach. , 2008, , .		0
193	GA-BASED TIME SERIES MODELS WITH THRESHOLD IN TWO DOMAINS. Journal of Circuits, Systems and Computers, 2009, 18, 801-823.	1.5	0
194	Focus on education [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.2	0
195	We are CISer... [President's Message. IEEE Computational Intelligence Magazine, 2010, 5, 3-3.	3.2	0
196	Call for Volunteersâ€”Part 1 [President's Message. IEEE Computational Intelligence Magazine, 2010, 5, 3-4.	3.2	0
197	Call for Volunteersâ€”Part 2 [President's Message. IEEE Computational Intelligence Magazine, 2010, 5, 3-8.	3.2	0
198	What a Year! [President's Message]. IEEE Computational Intelligence Magazine, 2010, 5, 3-4.	3.2	0

#	ARTICLE	IF	CITATIONS
199	Spirit of Volunteering [President's Message]. IEEE Computational Intelligence Magazine, 2011, 6, 3-4.	3.2	0
200	Global Outreach [President's Message]. IEEE Computational Intelligence Magazine, 2011, 6, 3-11.	3.2	0
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204	Information Fusion for Scientific Literature Classification. , 2009, , 1023-1033.		0
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206	A Multiobjective Particle Swarm Optimizer for Constrained Optimization. , 2013, , 71-95.		0
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210	Multi-objective Evolutionary Algorithm for Temporal Linguistic Rule Extraction. , 2006, , 365-383.		0
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