

Gary G Yen

List of Publications by Year in descending order

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211
papers

9,157
citations

46984

47
h-index

43868

91
g-index

213
all docs

213
docs citations

213
times ranked

5539
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.2	3
2	A Survey on Evolutionary Neural Architecture Search. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 550-570.	7.2	139
3	Mission Planning for Energy-Efficient Passive UAV Radar Imaging System Based on Substage Division Collaborative Search. IEEE Transactions on Cybernetics, 2023, 53, 275-288.	6.2	20
4	Solving Expensive Multimodal Optimization Problem by a Decomposition Differential Evolution Algorithm. IEEE Transactions on Cybernetics, 2023, 53, 2236-2246.	6.2	6
5	Automatic Design of Convolutional Neural Network Architectures Under Resource Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3832-3846.	7.2	6
6	An Evolutionary Algorithm With Constraint Relaxation Strategy for Highly Constrained Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3190-3204.	6.2	13
7	Multipopulation-Based Differential Evolution for Large-Scale Many-Objective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 7596-7608.	6.2	4
8	Evolutionary Shallowing Deep Neural Networks at Block Levels. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4635-4647.	7.2	16
9	Robust Multiobjective Optimization for Vehicle Routing Problem With Time Windows. IEEE Transactions on Cybernetics, 2022, 52, 8300-8314.	6.2	16
10	Solving hybrid charging strategy electric vehicle based dynamic routing problem via evolutionary multi-objective optimization. Swarm and Evolutionary Computation, 2022, 68, 100975.	4.5	17
11	An Online Prediction Approach Based on Incremental Support Vector Machine for Dynamic Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 690-703.	7.5	15
12	A novel predictive method based on key points for dynamic multi-objective optimization. Expert Systems With Applications, 2022, 190, 116127.	4.4	10
13	Evolutionary Neural Architecture Search for Automatic Esophageal Lesion Identification and Segmentation. IEEE Transactions on Artificial Intelligence, 2022, 3, 436-450.	3.4	12
14	ArcText: A Unified Text Approach to Describing Convolutional Neural Network Architectures. IEEE Transactions on Artificial Intelligence, 2022, 3, 526-540.	3.4	1
15	Hyperparameter Search using the Genetic Algorithm for Surrogate Modeling of Geophysical Flows. , 2022, , .		1
16	BenchENAS: A Benchmarking Platform for Evolutionary Neural Architecture Search. IEEE Transactions on Evolutionary Computation, 2022, 26, 1473-1485.	7.5	7
17	Snippet Policy Network for Multi-class Varied-length ECG Early Classification. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	4.0	5
18	A decomposition-based evolutionary algorithm using an estimation strategy for multimodal multi-objective optimization. Information Sciences, 2022, 606, 531-548.	4.0	13

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19	Adaptive Multiobjective Particle Swarm Optimization Based on Evolutionary State Estimation. IEEE Transactions on Cybernetics, 2021, 51, 3738-3751.	6.2	29
20	Automatic Searching and Pruning of Deep Neural Networks for Medical Imaging Diagnostic. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5664-5674.	7.2	26
21	A Polar-Metric-Based Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 3429-3440.	6.2	21
22	Evolution Strategy-Based Many-Objective Evolutionary Algorithm Through Vector Equilibrium. IEEE Transactions on Cybernetics, 2021, 51, 5455-5467.	6.2	20
23	Knee Point-Based Imbalanced Transfer Learning for Dynamic Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 117-129.	7.5	99
24	A knee-guided differential evolution algorithm for unmanned aerial vehicle path planning in disaster management. Applied Soft Computing Journal, 2021, 98, 106857.	4.1	36
25	Knee based multimodal multi-objective evolutionary algorithm for decision making. Information Sciences, 2021, 544, 39-55.	4.0	32
26	A reinforcement learning approach for dynamic multi-objective optimization. Information Sciences, 2021, 546, 815-834.	4.0	70
27	Knee-Based Decision Making and Visualization in Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 292-306.	7.5	43
28	Pruning Deep Convolutional Neural Networks Architectures with Evolution Strategy. Information Sciences, 2021, 552, 29-47.	4.0	45
29	Multi-objective evolution strategy for multimodal multi-objective optimization. Applied Soft Computing Journal, 2021, 101, 107004.	4.1	35
30	A Knee-Guided Evolutionary Algorithm for Compressing Deep Neural Networks. IEEE Transactions on Cybernetics, 2021, 51, 1626-1638.	6.2	49
31	Evolutionary Algorithm for Knee-Based Multiple Criteria Decision Making. IEEE Transactions on Cybernetics, 2021, 51, 722-735.	6.2	31
32	Masked GAN for Unsupervised Depth and Pose Prediction With Scale Consistency. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5392-5403.	7.2	21
33	Pruning of generative adversarial neural networks for medical imaging diagnostics with evolution strategy. Information Sciences, 2021, 558, 91-102.	4.0	19
34	A Novel Training Protocol for Performance Predictors of Evolutionary Neural Architecture Search Algorithms. IEEE Transactions on Evolutionary Computation, 2021, 25, 524-536.	7.5	24
35	On the estimation of pareto front and dimensional similarity in many-objective evolutionary algorithm. Information Sciences, 2021, 563, 375-400.	4.0	47
36	Two-Stage Double Niche Evolution Strategy for Multimodal Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 754-768.	7.5	26

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37	Guest Editorial Evolutionary Computation Meets Deep Learning. IEEE Transactions on Evolutionary Computation, 2021, 25, 810-814.	7.5	1
38	Dynamic multiobjective optimization driven by inverse reinforcement learning. Information Sciences, 2021, 575, 468-484.	4.0	18
39	A cluster-based immune-inspired algorithm using manifold learning for multimodal multi-objective optimization. Information Sciences, 2021, 581, 304-326.	4.0	10
40	Multi-Modal Multi-Objective Traveling Salesman Problem and its Evolutionary Optimizer. , 2021, , .		2
41	A Meta-Objective Approach for Many-Objective Evolutionary Optimization. Evolutionary Computation, 2020, 28, 1-25.	2.3	21
42	Evolving Deep Convolutional Neural Networks for Image Classification. IEEE Transactions on Evolutionary Computation, 2020, 24, 394-407.	7.5	409
43	Completely Automated CNN Architecture Design Based on Blocks. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1242-1254.	7.2	188
44	Evolutionary Compression of Deep Neural Networks for Biomedical Image Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2916-2929.	7.2	40
45	A Consensus Community-Based Particle Swarm Optimization for Dynamic Community Detection. IEEE Transactions on Cybernetics, 2020, 50, 2502-2513.	6.2	115
46	A knee-guided prediction approach for dynamic multi-objective optimization. Information Sciences, 2020, 509, 193-209.	4.0	56
47	Soft constraint handling for a real-world multiobjective energy distribution problem. International Journal of Production Research, 2020, 58, 6061-6077.	4.9	2
48	Surrogate-Assisted Evolutionary Deep Learning Using an End-to-End Random Forest-Based Performance Predictor. IEEE Transactions on Evolutionary Computation, 2020, 24, 350-364.	7.5	150
49	Evolutionary Multiobjective Optimization With Robustness Enhancement. IEEE Transactions on Evolutionary Computation, 2020, 24, 494-507.	7.5	42
50	When Autonomous Systems Meet Accuracy and Transferability through AI: A Survey. Patterns, 2020, 1, 100050.	3.1	15
51	On the Normalization in Evolutionary Multi-Modal Multi-Objective Optimization. , 2020, , .		14
52	Knee Points based Transfer Dynamic Multi-objective optimization Evolutionary Algorithm. , 2020, , .		4
53	Guest Editorial: Special Issue on Computational Intelligence for Communications and Sensing. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 1-4.	3.4	1
54	Brain-Inspired Systems: A Transdisciplinary Exploration on Cognitive Cybernetics, Humanity, and Systems Science Toward Autonomous Artificial Intelligence. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 6-13.	1.2	48

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55	A grey prediction-based evolutionary algorithm for dynamic multiobjective optimization. Swarm and Evolutionary Computation, 2020, 56, 100695.	4.5	38
56	Multiobjective Evolution Strategy for Dynamic Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2020, 24, 974-988.	7.5	51
57	Automatically Designing CNN Architectures Using the Genetic Algorithm for Image Classification. IEEE Transactions on Cybernetics, 2020, 50, 3840-3854.	6.2	473
58	On-Line Signature Partitioning Using a Population Based Algorithm. Journal of Artificial Intelligence and Soft Computing Research, 2020, 10, 5-13.	3.5	15
59	Robust Multiobjective Optimization via Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2019, 23, 316-330.	7.5	46
60	An Evolutionary Algorithm Based on Minkowski Distance for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2019, 49, 3968-3979.	6.2	85
61	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.	7.5	15
62	A cluster based PSO with leader updating mechanism and ring-topology for multimodal multi-objective optimization. Swarm and Evolutionary Computation, 2019, 50, 100569.	4.5	80
63	Particle swarm optimization of deep neural networks architectures for image classification. Swarm and Evolutionary Computation, 2019, 49, 62-74.	4.5	256
64	IEEE Access Special Section Editorial: Data Mining and Granular Computing in Big Data and Knowledge Processing. IEEE Access, 2019, 7, 47682-47686.	2.6	4
65	A Multimodal Multiobjective Evolutionary Algorithm Using Two-Archive and Recombination Strategies. IEEE Transactions on Evolutionary Computation, 2019, 23, 660-674.	7.5	150
66	A New Two-Stage Evolutionary Algorithm for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 748-761.	7.5	90
67	A cluster-based clonal selection algorithm for optimization in dynamic environment. Swarm and Evolutionary Computation, 2019, 50, 100454.	4.5	23
68	A Particle Swarm Optimization-Based Flexible Convolutional Autoencoder for Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2295-2309.	7.2	107
69	IGD Indicator-Based Evolutionary Algorithm for Many-Objective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2019, 23, 173-187.	7.5	325
70	Evolving Unsupervised Deep Neural Networks for Learning Meaningful Representations. IEEE Transactions on Evolutionary Computation, 2019, 23, 89-103.	7.5	110
71	Improved Regularity Model-Based EDA for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2018, 22, 662-678.	7.5	29
72	Minority Oversampling in Kernel Adaptive Subspaces for Class Imbalanced Datasets. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 950-962.	4.0	47

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73	Dynamic Multi-objective Estimation of Distribution Algorithm based on Domain Adaptation and Nonparametric Estimation. Information Sciences, 2018, 435, 203-223.	4.0	52
74	Transfer Learning-Based Dynamic Multiobjective Optimization Algorithms. IEEE Transactions on Evolutionary Computation, 2018, 22, 501-514.	7.5	238
75	Differential evolution mutation operators for constrained multi-objective optimization. Applied Soft Computing Journal, 2018, 67, 452-466.	4.1	52
76	An Experimental Study on Hyper-parameter Optimization for Stacked Auto-Encoders. , 2018, , .		32
77	Evolving Deep Neural Networks for Movie Box-Office Revenues Prediction. , 2018, , .		6
78	A Many-Objective Particle Swarm Optimization Based On Virtual Pareto Front. , 2018, , .		7
79	State-of-the-art evolutionary algorithms for dynamic multiobjective optimization. , 2018, , .		0
80	Integration of Global and Local Metrics for Domain Adaptation Learning Via Dimensionality Reduction. IEEE Transactions on Cybernetics, 2017, 47, 38-51.	6.2	66
81	Many-Objective Particle Swarm Optimization Using Two-Stage Strategy and Parallel Cell Coordinate System. IEEE Transactions on Cybernetics, 2017, 47, 1446-1459.	6.2	65
82	Conference Report on 2016 IEEE World Congress on Computational Intelligence (IEEE WCCI 2016) [Conference Reports]. IEEE Computational Intelligence Magazine, 2017, 12, 9-12.	3.4	1
83	Hybrid bi-objective portfolio optimization with pre-selection strategy. Information Sciences, 2017, 417, 401-419.	4.0	19
84	Reference line-based Estimation of Distribution Algorithm for many-objective optimization. Knowledge-Based Systems, 2017, 132, 129-143.	4.0	23
85	Comparison of visualization approaches in many-objective optimization. , 2017, , .		4
86	Global view-based selection mechanism for many-objective evolutionary algorithms. , 2017, , .		2
87	Many-Objective Evolutionary Algorithms Based on Coordinated Selection Strategy. IEEE Transactions on Evolutionary Computation, 2017, 21, 220-233.	7.5	102
88	An improved visualization approach in many-objective optimization. , 2016, , .		7
89	An immune inspired framework for optimization in dynamic environment. , 2016, , .		2
90	Manifold dimension reduction based clustering for multi-objective evolutionary algorithm. , 2016, , .		4

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91	Minimum Manhattan Distance Approach to Multiple Criteria Decision Making in Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2016, 20, 972-985.	7.5	104
92	A grid-based adaptive multi-objective differential evolution algorithm. Information Sciences, 2016, 367-368, 890-908.	4.0	61
93	Utilizing cumulative population distribution information in differential evolution. Applied Soft Computing Journal, 2016, 48, 329-346.	4.1	81
94	Many-Objective Evolutionary Algorithm: Objective Space Reduction and Diversity Improvement. IEEE Transactions on Evolutionary Computation, 2016, 20, 145-160.	7.5	127
95	Visualization and Performance Metric in Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2016, 20, 386-402.	7.5	119
96	Incorporating Objective Function Information Into the Feasibility Rule for Constrained Evolutionary Optimization. IEEE Transactions on Cybernetics, 2016, 46, 2938-2952.	6.2	153
97	Adaptive Multiobjective Particle Swarm Optimization Based on Parallel Cell Coordinate System. IEEE Transactions on Evolutionary Computation, 2015, 19, 1-18.	7.5	194
98	A Many-Objective Evolutionary Algorithm With Enhanced Mating and Environmental Selections. IEEE Transactions on Evolutionary Computation, 2015, 19, 592-605.	7.5	117
99	MOMMOP: Multiobjective Optimization for Locating Multiple Optimal Solutions of Multimodal Optimization Problems. IEEE Transactions on Cybernetics, 2015, 45, 830-843.	6.2	157
100	A Dual-Population Differential Evolution With Coevolution for Constrained Optimization. IEEE Transactions on Cybernetics, 2015, 45, 1108-1121.	6.2	118
101	A Particle Swarm Optimizer for Constrained Multiobjective Optimization. Advances in Computational Intelligence and Robotics Book Series, 2015, , 128-159.	0.4	1
102	Many-Objective Evolutionary Algorithms and Hybrid Performance Metrics. , 2014, , 335-364.		0
103	Sensitivity analysis of Parallel Cell Coordinate System in Many-objective Particle Swarm Optimization. , 2014, , .		2
104	A many-objective evolutionary algorithm based on directional diversity and favorable convergence. , 2014, , .		6
105	A Cluster-Based Differential Evolution With Self-Adaptive Strategy for Multimodal Optimization. IEEE Transactions on Cybernetics, 2014, 44, 1314-1327.	6.2	162
106	Performance Metric Ensemble for Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2014, 18, 131-144.	7.5	161
107	Diversity improvement in Decomposition-Based Multi-Objective Evolutionary Algorithm for many-objective optimization problems. , 2014, , .		8
108	Fuzzy multiobjective differential evolution using performance metrics feedback. , 2014, , .		3

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109	Constrained Optimization Via Artificial Immune System. IEEE Transactions on Cybernetics, 2014, 44, 185-198.	6.2	85
110	Fuzzy-Based Pareto Optimality for Many-Objective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2014, 18, 269-285.	7.5	445
111	A novel differential evolution for constrained optimization. , 2014, , .		1
112	Ranking many-objective Evolutionary Algorithms using performance metrics ensemble. , 2013, , .		8
113	A quasi-gradient and cluster-based artificial immune system for dynamic optimization. , 2013, , .		1
114	Density estimation for selecting leaders and mantaining archive in MOPSO. , 2013, , .		0
115	A Multiobjective Particle Swarm Optimizer for Constrained Optimization. , 2013, , 71-95.		0
116	Cultural-based particle swarm for dynamic optimisation problems. International Journal of Systems Science, 2012, 43, 1284-1304.	3.7	6
117	A new fitness evaluation method based on fuzzy logic in multiobjective evolutionary algorithms. , 2012, , .		1
118	Immune-inspired evolutionary algorithm for constrained optimization. , 2012, , .		1
119	A Culture-Based Particle Swarm Optimization Framework for Dynamic, Constrained Multi-Objective Optimization. International Journal of Swarm Intelligence Research, 2012, 3, 1-29.	0.5	10
120	Constrained Multiple-Swarm Particle Swarm Optimization Within a Cultural Framework. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 475-490.	3.4	55
121	An ensemble method for performance metrics in multiobjective evolutionary algorithms. , 2011, , .		2
122	Dynamic optimization using cultural based PSO. , 2011, , .		23
123	Cultural-Based Multiobjective Particle Swarm Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 553-567.	5.5	95
124	A Multiobjective Particle Swarm Optimizer for Constrained Optimization. International Journal of Swarm Intelligence Research, 2011, 2, 1-23.	0.5	15
125	Spirit of Volunteering [President's Message]. IEEE Computational Intelligence Magazine, 2011, 6, 3-4.	3.4	0
126	Global Outreach [President's Message]. IEEE Computational Intelligence Magazine, 2011, 6, 3-11.	3.4	0

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127	Time for Celebration! [President's Message]. IEEE Computational Intelligence Magazine, 2011, 6, 3-3.	3.4	0
128	CULTURAL MULTIOBJECTIVE PSO WITH SENSITIVITY ANALYSIS FOR PARAMETERS USING ADDITIVE BINARY EPSILON INDICATOR. International Journal of Computational Intelligence and Applications, 2011, 10, 121-139.	0.6	5
129	We are CISer... [President's Message. IEEE Computational Intelligence Magazine, 2010, 5, 3-3.	3.4	0
130	Call for Volunteersâ€“Part 1 [President's Message. IEEE Computational Intelligence Magazine, 2010, 5, 3-4.	3.4	0
131	Call for Volunteersâ€”Part 2 [President's Message. IEEE Computational Intelligence Magazine, 2010, 5, 3-8.	3.4	0
132	What a Year! [President's Message]. IEEE Computational Intelligence Magazine, 2010, 5, 3-4.	3.4	0
133	Constraint Handling in Particle Swarm Optimization. International Journal of Swarm Intelligence Research, 2010, 1, 42-63.	0.5	3
134	Constraint handling procedure for multiobjective particle swarm optimization. , 2010, , .		7
135	Solving constrained optimization using multiple swarm cultural PSO with inter-swarm communication. , 2010, , .		3
136	Vaccine-Enhanced Artificial Immune System for Multimodal Function Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 218-228.	5.5	67
137	Constrained optimization using artificial immune system. , 2010, , .		3
138	Facial Feature Tracking via Evolutionary Multiobjective Optimization. International Journal of Applied Evolutionary Computation, 2010, 1, 57-71.	0.7	2
139	Evolutionary Based Adaptive User Interfaces in Complex Supervisory Tasks. , 2010, , 150-172.		0
140	GA-BASED TIME SERIES MODELS WITH THRESHOLD IN TWO DOMAINS. Journal of Circuits, Systems and Computers, 2009, 18, 801-823.	1.0	0
141	Job shop scheduling optimization through multiple independent particle swarms. International Journal of Intelligent Computing and Cybernetics, 2009, 2, 5-33.	1.6	16
142	3-D Retinal Curvature Estimation. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 997-1005.	3.6	5
143	Dynamic Evolutionary Algorithm With Variable Relocation. IEEE Transactions on Evolutionary Computation, 2009, 13, 500-513.	7.5	111
144	Constraint Handling in Multiobjective Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2009, 13, 514-525.	7.5	284

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145	Focus on education [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.4	0
146	Learning and Intelligence [Editor's remarks]. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.4	3
147	Evolutionary multiobjective optimization [Editor's remarks]. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.4	2
148	When one door closes, another door opens... [Editor's Remarks. IEEE Computational Intelligence Magazine, 2009, 4, 2-2.	3.4	3
149	Adaptive user interfaces in complex supervisory tasks. ISA Transactions, 2009, 48, 196-205.	3.1	13
150	An Adaptive Penalty Formulation for Constrained Evolutionary Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 565-578.	3.4	193
151	Dynamic Multiple Swarms in Multiobjective Particle Swarm Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 890-911.	3.4	121
152	Information Fusion for Scientific Literature Classification. , 2009, , 1023-1033.		0
153	Tuning of fault tolerant control design parameters. ISA Transactions, 2008, 47, 127-142.	3.1	4
154	CI-based Cyber Security applications [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2008, 3, 2-2.	3.4	0
155	Fuzzy Intelligence [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2008, 3, 2-10.	3.4	0
156	Computational Finance and Economics [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2008, 3, 2-14.	3.4	0
157	A Sorting System for Hierarchical Grading of Diabetic Fundus Images: A Preliminary Study. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 118-130.	3.6	40
158	PSO-Based Multiobjective Optimization With Dynamic Population Size and Adaptive Local Archives. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1270-1293.	5.5	154
159	Vaccine enhanced artificial immune system for multimodal function optimization. , 2008, , .		2
160	Cultural MOPSO: A cultural framework to adapt parameters of multiobjective particle swarm optimization. , 2008, , .		12
161	Impact of tuning parameters on dynamic swarms in PSO-based multiobjective optimization. , 2008, , .		0
162	A two-tiered, agent based approach for autonomous, evolutionary texture generation. , 2008, , .		1

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163	Ranked Centroid Projection: A Data Visualization Approach With Self-Organizing Maps. IEEE Transactions on Neural Networks, 2008, 19, 245-259.	4.8	22
164	DIVERSITY-BASED INFORMATION EXCHANGE AMONG MULTIPLE SWARMS IN PARTICLE SWARM OPTIMIZATION. International Journal of Computational Intelligence and Applications, 2008, 07, 57-75.	0.6	25
165	Facial feature analysis in dynamic bandwidth environments: A genetic approach. , 2008, , .		0
166	Job shop optimization through multiple independent particle swarms. , 2007, , .		9
167	Dynamic evolutionary algorithm with variable relocation vectors. , 2007, , .		2
168	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
169	Constraint handling in multi-objective evolutionary optimization. , 2007, , .		28
170	Dynamic swarms in PSO-based multiobjective optimization. , 2007, , .		2
171	Biomarker identification and sorting for diabetic retinopathy. , 2007, , .		0
172	Editor's remarks - We need you.... IEEE Computational Intelligence Magazine, 2007, 2, 2-2.	3.4	0
173	Better is Yet to Come [Editor's Remarks]. IEEE Computational Intelligence Magazine, 2007, 2, 2-2.	3.4	0
174	High-Level Cognitive Functions [Editors Remarks]. IEEE Computational Intelligence Magazine, 2007, 2, 2-2.	3.4	0
175	Fault classification on vibration data with wavelet based feature selection scheme. ISA Transactions, 2006, 45, 141-151.	3.1	17
176	Multi-Objective Evolutionary Algorithm for Radial Basis Function Neural Network Design. , 2006, , 221-239.		1
177	Year-End Review. IEEE Computational Intelligence Magazine, 2006, 1, 2-2.	3.4	1
178	Multi-objective Evolutionary Algorithm for Temporal Linguistic Rule Extraction. , 2006, , 365-383.		0
179	Multi-objective Evolutionary Algorithm for Temporal Linguistic Rule Extraction. , 2006, , 365-383.		0
180	Multiple objective evolutionary algorithm for temporal linguistic rule extraction. ISA Transactions, 2005, 44, 315-327.	3.1	7

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181	Group-based Yule model for bipartite author-paper networks. Physical Review E, 2005, 71, 026108.	0.8	28
182	Fault-Tolerant Control. , 2005, , 1085-1105.		1
183	Crossmaps: Visualization of overlapping relationships in collections of journal papers. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5291-5296.	3.3	49
184	Problems with fitting to the power-law distribution. European Physical Journal B, 2004, 41, 255-258.	0.6	494
185	Reinforcement learning algorithms for robotic navigation in dynamic environments. ISA Transactions, 2004, 43, 217-230.	3.1	25
186	Intelligent on-line fault tolerant control for unanticipated catastrophic failures. ISA Transactions, 2004, 43, 549-569.	3.1	7
187	Online multiple-model-based fault diagnosis and accommodation. IEEE Transactions on Industrial Electronics, 2003, 50, 296-312.	5.2	89
188	AUTOMATIC FACIAL FEATURE EXTRACTION USING EDGE DISTRIBUTION AND GENETIC SEARCH. International Journal of Computational Intelligence and Applications, 2003, 03, 89-100.	0.6	3
189	ACCURACY, COMPREHENSIBILITY AND COMPLETENESS EVALUATION OF A FUZZY EXPERT SYSTEM. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2003, 11, 445-466.	0.9	9
190	A SOM PROJECTION TECHNIQUE WITH THE GROWING STRUCTURE FOR VISUALIZING HIGH-DIMENSIONAL DATA. International Journal of Neural Systems, 2003, 13, 353-365.	3.2	11
191	Hierarchical Rank Density Genetic Algorithm for Radial-Basis Function Neural Network Design. International Journal of Computational Intelligence and Applications, 2003, 03, 213-232.	0.6	17
192	Dendrogram Seriation Using Simulated Annealing. Information Visualization, 2003, 2, 95-104.	1.2	11
193	Bridging the gap between data acquisition and inference ontologies: toward ontology-based link discovery. , 2003, 5071, 116.		3
194	RECONFIGURABLE CONTROL SYSTEM DESIGN FOR FAULT DIAGNOSIS AND ACCOMMODATION. International Journal of Neural Systems, 2002, 12, 497-520.	3.2	15
195	HIERARCHICAL GENETIC ALGORITHM FOR NEAR-OPTIMAL FEEDFORWARD NEURAL NETWORK DESIGN. International Journal of Neural Systems, 2002, 12, 31-43.	3.2	20
196	<title>Automatic frog call monitoring system: a machine learning approach</title>. , 2002, 4739, 188.		5
197	<title>Combined numerical and linguistic knowledge representation and its application to medical diagnosis</title>. , 2002, , .		0
198	Coordination of Exploration and Exploitation in a Dynamic Environment. International Journal of Smart Engineering System Design, 2002, 4, 177-182.	0.2	7

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199	Acoustic emission data assisted process monitoring. ISA Transactions, 2002, 41, 273-282.	3.1	22
200	<title>On-line intelligent fault-tolerant control for catastrophic system failures</title>. , 2001, , .		2
201	<title>Development of a neuro-fuzzy expert system for predictive maintenance</title>. , 2001, , .		0
202	CONSTRUCTING A FUZZY RULE-BASED SYSTEM USING THE ILFN NETWORK AND GENETIC ALGORITHM. International Journal of Neural Systems, 2001, 11, 427-443.	3.2	14
203	AUTOMATIC FROG CALLS MONITORING SYSTEM: A MACHINE LEARNING APPROACH. International Journal of Computational Intelligence and Applications, 2001, 01, 165-186.	0.6	6
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