Yew Soon Ong

List of Publications by Year
in descending order

284	14,781	20817	22832
papers	citations	60	112
		h-index	g-index
300	300	300	8525
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Meta-Lamarckian Learning in Memetic Algorithms. IEEE Transactions on Evolutionary Computation, 2004, 8, 99-110.	10.0	575
2	Multifactorial Evolution: Toward Evolutionary Multitasking. IEEE Transactions on Evolutionary Computation, 2016, 20, 343-357.	10.0	531
3	A Multi-Facet Survey on Memetic Computation. IEEE Transactions on Evolutionary Computation, 2011, 15, 591-607.	10.0	491
4	Classification of adaptive memetic algorithms: a comparative study. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 141-152.	5.0	424
5	Generalizing Surrogate-Assisted Evolutionary Computation. IEEE Transactions on Evolutionary Computation, 2010, 14, 329-355.	10.0	387
6	Memetic Computationâ€"Past, Present & Future [Research Frontier. IEEE Computational Intelligence Magazine, 2010, 5, 24-31.	3.2	379
7	Markov blanket-embedded genetic algorithm for gene selection. Pattern Recognition, 2007, 40, 3236-3248.	8.1	360
8	Wrapperâ€"Filter Feature Selection Algorithm Using a Memetic Framework. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 70-76.	5.0	353
9	When Gaussian Process Meets Big Data: A Review of Scalable GPs. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4405-4423.	11.3	342
10	Extreme Learning Machines [Trends & Controversies]. IEEE Intelligent Systems, 2013, 28, 30-59.	4.0	329
11	A fast pruned-extreme learning machine for classification problem. Neurocomputing, 2008, 72, 359-366.	5.9	323
12	Combining Global and Local Surrogate Models to Accelerate Evolutionary Optimization. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 66-76.	2.9	319
13	Consistencies and Contradictions of Performance Metrics in Multiobjective Optimization. IEEE Transactions on Cybernetics, 2014, 44, 2391-2404.	9.5	297
14	A survey of adaptive sampling for global metamodeling in support of simulation-based complex engineering design. Structural and Multidisciplinary Optimization, 2018, 57, 393-416.	3.5	268
15	A Simple and Fast Hypervolume Indicator-Based Multiobjective Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2015, 45, 2202-2213.	9.5	256
16	Multiobjective Multifactorial Optimization in Evolutionary Multitasking. IEEE Transactions on Cybernetics, 2017, 47, 1652-1665.	9.5	252
17	Insights on Transfer Optimization: Because Experience is the Best Teacher. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 51-64.	4.9	223
18	Multifactorial Evolutionary Algorithm With Online Transfer Parameter Estimation: MFEA-II. IEEE Transactions on Evolutionary Computation, 2020, 24, 69-83.	10.0	219

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19	Evolutionary Multitasking via Explicit Autoencoding. IEEE Transactions on Cybernetics, 2019, 49, 3457-3470.	9.5	214
20	A Probabilistic Memetic Framework. IEEE Transactions on Evolutionary Computation, 2009, 13, 604-623.	10.0	201
21	A New Decomposition-Based NSGA-II for Many-Objective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1191-1210.	9.3	197
22	The Emerging "Big Dimensionality". IEEE Computational Intelligence Magazine, 2014, 9, 14-26.	3.2	188
23	Evolutionary Multitasking: A Computer Science View of Cognitive Multitasking. Cognitive Computation, 2016, 8, 125-142.	5.2	183
24	Max-min surrogate-assisted evolutionary algorithm for robust design. IEEE Transactions on Evolutionary Computation, 2006, 10, 392-404.	10.0	174
25	Memetic Search With Interdomain Learning: A Realization Between CVRP and CARP. IEEE Transactions on Evolutionary Computation, 2015, 19, 644-658.	10.0	171
26	Efficient Hierarchical Parallel Genetic Algorithms using Grid computing. Future Generation Computer Systems, 2007, 23, 658-670.	7.5	164
27	Remarks on multi-output Gaussian process regression. Knowledge-Based Systems, 2018, 144, 102-121.	7.1	153
28	Computational intelligence in optical remote sensing image processing. Applied Soft Computing Journal, 2018, 64, 75-93.	7.2	153
29	City Vehicle Routing Problem (City VRP): A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1654-1666.	8.0	130
30	Memetic algorithm using multi-surrogates for computationally expensive optimization problems. Soft Computing, 2007, 11, 957-971.	3.6	128
31	Ockhamâ€™s Razor in memetic computing: Three stage optimal memetic exploration. Information Sciences, 2012, 188, 17-43.	6.9	126
32	Diversity-adaptive parallel memetic algorithm for solving large scale combinatorial optimization problems. Soft Computing, 2007, 11, 873-888.	3.6	112
33	A proposition on memes and meta-memes in computing for higher-order learning. Memetic Computing, 2009, 1, 85-100.	4.0	108
34	Survey on Multi-Output Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-21.	11.3	107
35	Adhesive Biocomposite Electrodes on Sweaty Skin for Long-Term Continuous Electrophysiological Monitoring. , 2020, 2, 478-484.		107
36	Linearized domain adaptation in evolutionary multitasking. , 2017, , .		102

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37	Gene Expression Programming: A Survey [Review Article]. IEEE Computational Intelligence Magazine, 2017, 12, 54-72.	3.2	99
38	An Adaptive Multimeme Algorithm for Designing HIV Multidrug Therapies. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2007, 4, 264-278.	3.0	95
39	Online Deep Clustering for Unsupervised Representation Learning. , 2020, , .		95
40	Self-Learning Gene Expression Programming. IEEE Transactions on Evolutionary Computation, 2016, 20, 65-80.	10.0	91
41	Cognizant Multitasking in Multiobjective Multifactorial Evolution: MO-MFEA-II. IEEE Transactions on Cybernetics, 2021, 51, 1784-1796.	9.5	90
42	Autoencoding Evolutionary Search With Learning Across Heterogeneous Problems. IEEE Transactions on Evolutionary Computation, 2017, 21, 760-772.	10.0	89
43	Multifactorial Genetic Programming for Symbolic Regression Problems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4492-4505.	9.3	88
44	Memes as building blocks: a case study on evolutionary optimization + transfer learning for routing problems. Memetic Computing, 2015, 7, 159-180.	4.0	87
45	Learning word dependencies in text by means of a deep recurrent belief network. Knowledge-Based Systems, 2016, 108, 144-154.	7.1	86
46	Multiproblem Surrogates: Transfer Evolutionary Multiobjective Optimization of Computationally Expensive Problems. IEEE Transactions on Evolutionary Computation, 2019, 23, 15-28.	10.0	84
47	Evolutionary multitasking in bi-level optimization. Complex & Intelligent Systems, 2015, 1, 83-95.	6.5	83
48	Solving the Dynamic Vehicle Routing Problem Under Traffic Congestion. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2367-2380.	8.0	82
49	Feasibility Structure Modeling: An Effective Chaperone for Constrained Memetic Algorithms. IEEE Transactions on Evolutionary Computation, 2010, 14, 740-758.	10.0	79
50	An adaptive sampling approach for Kriging metamodeling by maximizing expected prediction error. Computers and Chemical Engineering, 2017, 106, 171-182.	3.8	79
51	Deep learning for fabrication and maturation of 3D bioprinted tissues and organs. Virtual and Physical Prototyping, 2020, 15, 340-358.	10.4	79
52	Lamarckian memetic algorithms: local optimum and connectivity structure analysis. Memetic Computing, 2009, 1, 175-190.	4.0	74
53	Curbing Negative Influences Online for Seamless Transfer Evolutionary Optimization. IEEE Transactions on Cybernetics, 2019, 49, 4365-4378.	9.5	74
54	Objective Reduction in Many-Objective Optimization: Evolutionary Multiobjective Approaches and Comprehensive Analysis. IEEE Transactions on Evolutionary Computation, 2018, 22, 189-210.	10.0	73

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55	Evolutionary multitasking in permutation-based combinatorial optimization problems: Realization with TSP, QAP, LOP, and JSP. , 2016, , .		70
56	A New Machine Learning Paradigm for Terrain Reconstruction. IEEE Geoscience and Remote Sensing Letters, 2006, 3, 382-386.	3.1	69
57	Hybrid ant colony algorithms for path planning in sparse graphs. Soft Computing, 2008, 12, 981-994.	3.6	69
58	Co-evolutionary multi-task learning with predictive recurrence for multi-step chaotic time series prediction. Neurocomputing, 2017, 243, 21-34.	5.9	68
59	DEVDAN: Deep evolving denoising autoencoder. Neurocomputing, 2020, 390, 297-314.	5.9	68
60	Handling Constrained Many-Objective Optimization Problems via Problem Transformation. IEEE Transactions on Cybernetics, 2021, 51, 4834-4847.	9.5	68
61	On Scalable Multiobjective Test Problems With Hardly Dominated Boundaries. IEEE Transactions on Evolutionary Computation, 2019, 23, 217-231.	10.0	67
62	A study on metamodeling techniques, ensembles, and multi-surrogates in evolutionary computation. , 2007, , .		66
63	A direct first principles study on the structure and electronic properties of $BexZn1\hat{a}^{x}O$. Applied Physics Letters, 2007, 91, 121121.	3.3	64
64	A Fast Reduced Kernel Extreme Learning Machine. Neural Networks, 2016, 76, 29-38.	5.9	64
65	Evolutionary Optimization of Expensive Multiobjective Problems With Co-Sub-Pareto Front Gaussian Process Surrogates. IEEE Transactions on Cybernetics, 2019, 49, 1708-1721.	9.5	64
66	Evolution by Adapting Surrogates. Evolutionary Computation, 2013, 21, 313-340.	3.0	62
67	Multilabel Prediction via Cross-View Search. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4324-4338.	11.3	61
68	Hybrid evolutionary algorithm with Hermite radial basis function interpolants for computationally expensive adjoint solvers. Computational Optimization and Applications, 2008, 39, 97-119.	1.6	59
69	Coevolutionary multitasking for concurrent global optimization: With case studies in complex engineering design. Engineering Applications of Artificial Intelligence, 2017, 64, 13-24.	8.1	59
70	An Evolutionary Transfer Reinforcement Learning Framework for Multiagent Systems. IEEE Transactions on Evolutionary Computation, 2017, 21, 601-615.	10.0	58
71	Evolutionary Multitasking Sparse Reconstruction: Framework and Case Study. IEEE Transactions on Evolutionary Computation, 2019, 23, 733-747.	10.0	58
72	A Hierarchical Approach to Study the Thermal Behavior of Protonated Water Clusters $H^{+}(H_2O)_n$. Journal of Chemical Theory and Computation, 2009, 5, 2629-2639.	5.3	57

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73	CAN-PINN: A fast physics-informed neural network based on coupled-automatic–numerical differentiation method. Computer Methods in Applied Mechanics and Engineering, 2022, 395, 114909.	6.6	57
74	A Generator for Multiobjective Test Problems With Difficult-to-Approximate Pareto Front Boundaries. IEEE Transactions on Evolutionary Computation, 2019, 23, 556-571.	10.0	55
75	Special Issue on Memetic Algorithms. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 2-5.	5.0	54
76	Adaptive Cellular Memetic Algorithms. Evolutionary Computation, 2009, 17, 231-256.	3.0	53
77	Cope with diverse data structures in multi-fidelity modeling: A Gaussian process method. Engineering Applications of Artificial Intelligence, 2018, 67, 211-225.	8.1	53
78	Dynamic conditional value-at-risk model for routing and scheduling of hazardous material transportation networks. Annals of Operations Research, 2016, 247, 715-734.	4.1	51
79	Knowledge Transfer Through Machine Learning in Aircraft Design. IEEE Computational Intelligence Magazine, 2017, 12, 48-60.	3.2	51
80	QuickVina: Accelerating AutoDock Vina Using Gradient-Based Heuristics for Global Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1266-1272.	3.0	49
81	Indicator-Based Evolutionary Algorithm for Solving Constrained Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 379-391.	10.0	48
82	A Layered Spiking Neural System for Classification Problems. International Journal of Neural Systems, 2022, 32, 2250023.	5.2	44
83	Co-evolutionary multi-task learning for dynamic time series prediction. Applied Soft Computing Journal, 2018, 70, 576-589.	7.2	43
84	Identification of Full and Partial Class Relevant Genes. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2010, 7, 263-277.	3.0	42
85	A Study on Polynomial Regression and Gaussian Process Global Surrogate Model in Hierarchical Surrogate-Assisted Evolutionary Algorithm. , 0, , .		41
86	MIML-FCN+: Multi-Instance Multi-Label Learning via Fully Convolutional Networks with Privileged Information. , 2017, , .		41
87	Combating Negative Transfer From Predictive Distribution Differences. IEEE Transactions on Cybernetics, 2013, 43, 1153-1165.	9.5	39
88	Half a Dozen Real-World Applications of Evolutionary Multitasking, and More. IEEE Computational Intelligence Magazine, 2022, 17, 49-66.	3.2	38
89	Contextual Correlation Preserving Multiview Featured Graph Clustering. IEEE Transactions on Cybernetics, 2020, 50, 4318-4331.	9.5	37
90	Extreme learning machine for multi-categories classification applications. , 2008, , .		36

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91	Transductive Ordinal Regression. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1074-1086.	11.3	36
92	Memetic Music Composition. IEEE Transactions on Evolutionary Computation, 2016, 20, 1-15.	10.0	36
93	Solving Dynamic Multiobjective Problem via Autoencoding Evolutionary Search. IEEE Transactions on Cybernetics, 2022, 52, 2649-2662.	9.5	36
94	A domain knowledge based search advisor for design problem solving environments. Engineering Applications of Artificial Intelligence, 2002, 15, 105-116.	8.1	35
95	Deep transfer learning for classification of time-delayed Gaussian networks. Signal Processing, 2015, 110, 250-262.	3.7	35
96	Evolutionary Multi-task Learning for Modular Knowledge Representation in Neural Networks. Neural Processing Letters, 2018, 47, 993-1009.	3.2	35
97	Concurrently searching branches in software tests generation through multitask evolution. , 2016, , .		33
98	AIR$_5$: Five Pillars of Artificial Intelligence Research. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 411-415.	4.9	33
99	Inverse multi-objective robust evolutionary design. Genetic Programming and Evolvable Machines, 2006, 7, 383-404.	2.2	32
100	Discovering Unique, Low-Energy Pure Water Isomers: Memetic Exploration, Optimization, and Landscape Analysis. IEEE Transactions on Evolutionary Computation, 2010, 14, 419-437.	10.0	32
101	Data-driven risk assessment and multicriteria optimization of UAV operations. Aerospace Science and Technology, 2018, 77, 510-523.	4.8	32
102	Two-type weight adjustments in MOEA/D for highly constrained many-objective optimization. Information Sciences, 2021, 578, 592-614.	6.9	32
103	A Conceptual Modeling of Meme Complexes in Stochastic Search. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 612-625.	2.9	31
104	Evolutionary Optimization-based Mission Planning for UAS Traffic Management (UTM). , 2019, , .		31
105	Learnable Evolutionary Search Across Heterogeneous Problems via Kernelized Autoencoding. IEEE Transactions on Evolutionary Computation, 2021, 25, 567-581.	10.0	31
106	Discrete Network Embedding. , 2018, , .		31
107	Multiscale Approach to Explore the Potential Energy Surface of Water Clusters $(H_2O)_n$ $n \approx 8$. Journal of Physical Chemistry A, 2008, 112, 6257-6261.	2.5	30
108	Evolutionary multitasking across single and multi-objective formulations for improved problem solving. , 2016, , .		30

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109	Domain Adaption via Feature Selection on Explicit Feature Map. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1180-1190.	11.3	30
110	An improved CUDA-based implementation of differential evolution on GPU. , 2012, , .		28
111	Genetic transfer or population diversification? Deciphering the secret ingredients of evolutionary multitask optimization. , 2016, , .		28
112	Online sequential reduced kernel extreme learning machine. Neurocomputing, 2016, 174, 72-84.	5.9	28
113	Back to the Roots: Multi-X Evolutionary Computation. Cognitive Computation, 2019, 11, 1-17.	5.2	28
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115	Special issue on emerging trends in soft computing: memetic algorithms. Soft Computing, 2009, 13, 739-740.	3.6	27
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117	Evolutionary Multi-task Learning for Modular Training of Feedforward Neural Networks. Lecture Notes in Computer Science, 2016, , 37-46.	1.3	26
118	Non-linear Domain Adaptation in Transfer Evolutionary Optimization. Cognitive Computation, 2021, 13, 290-307.	5.2	26
119	Influence-Aware Attention Networks for Anomaly Detection in Surveillance Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5427-5437.	8.3	26
120	A self-adaptive memeplexes robust search scheme for solving stochastic demands vehicle routing problem. International Journal of Systems Science, 2012, 43, 1347-1366.	5.5	25
121	Choose Appropriate Subproblems for Collaborative Modeling in Expensive Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 483-496.	9.5	25
122	Editorial to the first issue. Memetic Computing, 2009, 1, 1-2.	4.0	24
123	A Unified Framework for Symbiosis of Evolutionary Mechanisms with Application to Water Clusters Potential Model Design. IEEE Computational Intelligence Magazine, 2012, 7, 20-35.	3.2	23
124	Inverse multi-objective robust evolutionary design optimization in the presence of uncertainty. , 2005, , .		22
125	A hybrid agent architecture integrating desire, intention and reinforcement learning. Expert Systems With Applications, 2011, 38, 8477-8487.	7.6	22
126	Extreme learning machine terrain-based navigation for unmanned aerial vehicles. Neural Computing and Applications, 2013, 22, 469-477.	5.6	22

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128	Evolutionary multitasking in combinatorial search spaces: A case study in capacitated vehicle routing problem. , 2016, , .		22
129	Agent-Based Modeling and Simulation for Supply Chain Risk Management - A Survey of the State-of-the-Art. , 2013, , .		21
130	Structured Memetic Automation for Online Human-Like Social Behavior Learning. IEEE Transactions on Evolutionary Computation, 2017, 21, 102-115.	10.0	21
131	What do people think about this monument? Understanding negative reviews via deep learning, clustering and descriptive rules. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 39-52.	4.9	21
132	An adaptive RBF-HDMR modeling approach under limited computational budget. Structural and Multidisciplinary Optimization, 2018, 57, 1233-1250.	3.5	20
133	Towards human-like social multi-agents with memetic automaton. , 2011, , .		19
134	Fast transfer Gaussian process regression with large-scale sources. Knowledge-Based Systems, 2019, 165, 208-218.	7.1	19
135	Evolutionary Machine Learning With Minions: A Case Study in Feature Selection. IEEE Transactions on Evolutionary Computation, 2022, 26, 130-144.	10.0	18
136	Evolutionary Optimization with Dynamic Fidelity Computational Models. Lecture Notes in Computer Science, 2008, , 235-242.	1.3	18
137	Non-genetic transmission of memes by diffusion. , 2008, , .		17
138	Understanding and comparing scalable Gaussian process regression for big data. Knowledge-Based Systems, 2019, 164, 324-335.	7.1	17
139	Minimalistic Attacks: How Little It Takes to Fool Deep Reinforcement Learning Policies. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 806-817.	3.8	17
140	Memetic Algorithms for Feature Selection on Microarray Data. Lecture Notes in Computer Science, 2007, , 1327-1335.	1.3	16
141	An empirical study of Genetic Programming generated trading rules in computerized stock trading service system. , 2008, , .		16
142	Towards probabilistic memetic algorithm: An initial study on capacitated arc routing problem. , 2010, , .		16
143	Temperature dependent structural variations of $OH^-(H_2O)_n$, n = 4–7: effects on vibrational and photoelectron spectra. Physical Chemistry Chemical Physics, 2015, 17, 19162-19172.	2.8	16
144	Towards Evolutionary Multitasking: A New Paradigm in Evolutionary Computation. Advances in Intelligent Systems and Computing, 2016, , 25-26.	0.6	16

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145	Solving dynamic vehicle routing problem via evolutionary search with learning capability. , 2017, , .		16
146	Solution Representation Learning in Multi-Objective Transfer Evolutionary Optimization. IEEE Access, 2021, 9, 41844-41860.	4.2	16
147	Transfer Ordinal Label Learning. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1863-1876.	11.3	15
148	Specialization of a UCT-Based General Game Playing Program to Single-Player Games. IEEE Transactions on Games, 2016, 8, 218-228.	1.4	15
149	Memetic Computation. Adaptation, Learning, and Optimization, 2019, , .	0.6	15
150	A Collaborative Multiagent Reinforcement Learning Method Based on Policy Gradient Potential. IEEE Transactions on Cybernetics, 2021, 51, 1015-1027.	9.5	15
151	Optinformatics for schema analysis of binary genetic algorithms. , 2008, , .		14
152	Towards Faster Vehicle Routing by Transferring Knowledge From Customer Representation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 952-965.	8.0	14
153	Generalizing Transfer Bayesian Optimization to Source-Target Heterogeneity. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1754-1765.	5.2	14
154	Single/Multi-objective Inverse Robust Evolutionary Design Methodology in the Presence of Uncertainty. Studies in Computational Intelligence, 2007, , 437-456.	0.9	14
155	Adaptation for parallel memetic algorithm based on population entropy. , 2006, , .		13
156	A GA-ACO-local search hybrid algorithm for solving quadratic assignment problem. , 2006, , .		13
157	Pareto Rank Learning in Multi-objective Evolutionary Algorithms. , 2012, , .		13
158	Multi co-objective evolutionary optimization: Cross surrogate augmentation for computationally expensive problems. , 2012, , .		13
159	Adaptive and scalable load balancing for metadata server cluster in cloud-scale file systems. Frontiers of Computer Science, 2015, 9, 904-918.	2.4	13
160	Compressed representation for higher-level meme space evolution: a case study on big knapsack problems. Memetic Computing, 2019, 11, 3-17.	4.0	13
161	Multi-task gradient descent for multi-task learning. Memetic Computing, 2020, 12, 355-369.	4.0	13
162	Evolutionary Multiagent Transfer Learning With Model-Based Opponent Behavior Prediction. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5962-5976.	9.3	13

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163	From Multitask Gradient Descent to Gradient-Free Evolutionary Multitasking: A Proof of Faster Convergence. IEEE Transactions on Cybernetics, 2022, 52, 8561-8573.	9.5	13
164	On the effects of basis-set in studying the hydration and dissociation of HF in cubic HF(H2O)7 clusters. Chemical Physics Letters, 2008, 453, 13-17.	2.6	12
165	RELIEF-C: Efficient Feature Selection for Clustering over Noisy Data. , 2011, , .		12
166	EVOLUTIONARY DISCOVERY OF TRANSITION STATES IN WATER CLUSTERS. Journal of Theoretical and Computational Chemistry, 2012, 11, 965-995.	1.8	12
167	An evolutionary algorithm with adaptive scalarization for multiobjective bilevel programs. , 2015, , .		12
168	GrpAvoid: Multigroup Collision-Avoidance Control and Optimization for UAV Swarm. IEEE Transactions on Cybernetics, 2023, 53, 1776-1789.	9.5	12
169	Feature Selection Using Single/Multi-Objective Memetic Frameworks. Studies in Computational Intelligence, 2009, , 111-131.	0.9	11
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171	Asymmetric Pareto-adaptive Scheme for Multiobjective Optimization. Lecture Notes in Computer Science, 2011, , 351-360.	1.3	11
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174	Extreme learning machine for indoor location fingerprinting. Multidimensional Systems and Signal Processing, 2017, 28, 867-883.	2.6	11
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176	Classification-Assisted Memetic Algorithms for Equality-Constrained Optimization Problems. Lecture Notes in Computer Science, 2009, , 391-400.	1.3	11
177	Towards adaptive weight vectors for multiobjective evolutionary algorithm based on decomposition. , 2016, , .		10
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179	A parallel hybrid GA for combinatorial optimization using grid technology. , 0, , .		9
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184	Domination landscape in evolutionary algorithms and its applications. Soft Computing, 2019, 23, 3563-3570.	3.6	9
185	Large-Scale Heteroscedastic Regression via Gaussian Process. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 708-721.	11.3	9
186	Vicinal Vertex Allocation for Matrix Factorization in Networks. IEEE Transactions on Cybernetics, 2022, 52, 8047-8060.	9.5	9
187	A Multi-cluster Grid Enabled Evolution Framework for Aerodynamic Airfoil Design Optimization. Lecture Notes in Computer Science, 2005, , 1112-1121.	1.3	9
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