Jianyong Sun

List of Publications by Year
in descending order

		759233	610901
37 papers	767 citations	12 h-index	24 g-index
37 all docs	37 docs citations	37 times ranked	673 citing authors

#	Article	IF	Citations
1	RL-CSL: A Combinatorial Optimization Method Using Reinforcement Learning and Contrastive Self-Supervised Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 1010-1024.	4.9	6
2	Offline and Online Objective Reduction via Gaussian Mixture Model Clustering. IEEE Transactions on Evolutionary Computation, 2023, 27, 341-354.	10.0	11
3	IAGS: Inferring Ancestor Genome Structure under a Wide Range of Evolutionary Scenarios. Molecular Biology and Evolution, 2022, 39, .	8.9	5
4	Learning to Mutate for Differential Evolution. , 2021, , .		2
5	Continuous Encoding for Community Detection in Attribute Networks with Preserving Node Information. , 2021, , .		0
6	Learning Adaptive Differential Evolution Algorithm From Optimization Experiences by Policy Gradient. IEEE Transactions on Evolutionary Computation, 2021, 25, 666-680.	10.0	50
7	Three chromosome-scale Papaver genomes reveal punctuated patchwork evolution of the morphinan and noscapine biosynthesis pathway. Nature Communications, 2021, 12, 6030.	12.8	51
8	Adaptive Structural Hyper-Parameter Configuration by Q-Learning. , 2020, , .		6
9	MSIsensor-pro: Fast, Accurate, and Matched-normal-sample-free Detection of Microsatellite Instability. Genomics, Proteomics and Bioinformatics, 2020, 18, 65-71.	6.9	53
10	Radial Basis Function Assisted Optimization Method with Batch Infill Sampling Criterion for Expensive Optimization. , 2019, , .		13
11	Gaussian Belief Propagation for Solving Network Utility Maximization with Delivery Contracts. Entropy, 2019, 21, 708.	2.2	0
12	A Multiobjective Approach Based on Gaussian Mixture Clustering for Sparse Reconstruction. IEEE Access, 2019, 7, 22684-22697.	4.2	6
13	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
14	Reference-Inspired Many-Objective Evolutionary Algorithm Based on Decomposition. Computer Journal, 2018, 61, 1015-1037.	2.4	1
15	Simultaneous Bayesian Clustering and Feature Selection Through Student's ${t}$ Mixtures Model. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1187-1199.	11.3	16
16	Image Reconstruction with Smoothed Mixtures of Regressions. , 2018, , .		0
17	MOEA/D with chain-based random local search for sparse optimization. Soft Computing, 2018, 22, 7087-7102.	3.6	2
18	Combining mutual information and stable matching strategy for dynamic evolutionary multi-objective optimization. Engineering Optimization, 2018, 50, 1434-1452.	2.6	0

#	Article	IF	Citations
19	A multi-cycled sequential memetic computing approach for constrained optimisation. Information Sciences, 2016, 340-341, 175-190.	6.9	7
20	An Estimation of Distribution Algorithm With Cheap and Expensive Local Search Methods. IEEE Transactions on Evolutionary Computation, 2015, 19, 807-822.	10.0	79
21	Estimates on compressed neural networks regression. Neural Networks, 2015, 63, 10-17.	5.9	4
22	Robust Bayesian Clustering for Replicated Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1504-1514.	3.0	7
23	Two-stage EDA-based approach for all optical WDM mesh network survivability under SRLG constraints. Applied Soft Computing Journal, 2011, 11, 916-926.	7.2	1
24	Robust Dirichlet Process mixtures. , 2011, , .		0
25	Robust mixture clustering using Pearson type VII distribution. Pattern Recognition Letters, 2010, 31, 2447-2454.	4.2	29
26	Robust mixture modeling using the Pearson type VII distribution. , 2010, , .		5
27	A novel memetic algorithm for constrained optimization. , 2010, , .		6
28	A Fast Algorithm for Robust Mixtures in the Presence of Measurement Errors. IEEE Transactions on Neural Networks, 2010, 21, 1206-1220.	4.2	13
29	An Evolutionary Approach for Survivable Network under SRLG Constraints. , 2009, , .		1
30	A HYBRID ESTIMATION OF DISTRIBUTION ALGORITHM FOR CDMA CELLULAR SYSTEM DESIGN. International Journal of Computational Intelligence and Applications, 2008, 07, 187-200.	0.8	10
31	Robust mixtures in the presence of measurement errors. , 2007, , .		12
32	Evolutionary Algorithms Refining a Heuristic: A Hybrid Method for Shared-Path Protections in WDM Networks Under SRLG Constraints. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 51-61.	5.0	30
33	Combinations of estimation of distribution algorithms and other techniques. International Journal of Automation and Computing, 2007, 4, 273-280.	4.5	28
34	Robust Visual Mining of Data with Error Information. Lecture Notes in Computer Science, 2007, , 573-580.	1.3	3
35	A Hybrid Estimation of Distribution Algorithm for CDMA Cellular System Design. Lecture Notes in Computer Science, 2006, , 905-912.	1.3	0
36	An Evolutionary Algorithm With Guided Mutation for the Maximum Clique Problem. IEEE Transactions on Evolutionary Computation, 2005, 9, 192-200.	10.0	179

#	ARTICLE	IF	CITATIONS
37	Hybrid estimation of distribution algorithm for global optimization. Engineering Computations, 2004, 21, 91-107.	1.4	76