

Soleimanian Gharehchopogh Farhad

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,457
citations

185998

28
h-index

174990

52
g-index

58
all docs

58
docs citations

58
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	African vultures optimization algorithm: A new nature-inspired metaheuristic algorithm for global optimization problems. <i>Computers and Industrial Engineering</i> , 2021, 158, 107408.	3.4	602
2	Artificial gorilla troops optimizer: A new nature-inspired metaheuristic algorithm for global optimization problems. <i>International Journal of Intelligent Systems</i> , 2021, 36, 5887-5958.	3.3	471
3	A comprehensive survey: Whale Optimization Algorithm and its applications. <i>Swarm and Evolutionary Computation</i> , 2019, 48, 1-24.	4.5	428
4	Farmland fertility: A new metaheuristic algorithm for solving continuous optimization problems. <i>Applied Soft Computing Journal</i> , 2018, 71, 728-746.	4.1	258
5	A comprehensive survey on symbiotic organisms search algorithms. <i>Artificial Intelligence Review</i> , 2020, 53, 2265-2312.	9.7	104
6	Chaotic vortex search algorithm: metaheuristic algorithm for feature selection. <i>Evolutionary Intelligence</i> , 2022, 15, 1777-1808.	2.3	83
7	A novel hybrid whale optimization algorithm with flower pollination algorithm for feature selection: Case study Email spam detection. <i>Computational Intelligence</i> , 2021, 37, 176-209.	2.1	74
8	A multi-objective optimization algorithm for feature selection problems. <i>Engineering With Computers</i> , 2022, 38, 1845-1863.	3.5	72
9	An improved artificial bee colony algorithm based on whale optimization algorithm for data clustering. <i>Multimedia Tools and Applications</i> , 2020, 79, 32169-32194.	2.6	63
10	An improved particle swarm optimization with backtracking search optimization algorithm for solving continuous optimization problems. <i>Engineering With Computers</i> , 2022, 38, 2797-2831.	3.5	62
11	A hybrid OBL-based firefly algorithm with symbiotic organisms search algorithm for solving continuous optimization problems. <i>Journal of Supercomputing</i> , 2022, 78, 3998-4031.	2.4	61
12	An Improved Tunicate Swarm Algorithm with Best-random Mutation Strategy for Global Optimization Problems. <i>Journal of Bionic Engineering</i> , 2022, 19, 1177-1202.	2.7	61
13	A Feature Selection Based on the Farmland Fertility Algorithm for Improved Intrusion Detection Systems. <i>Journal of Network and Systems Management</i> , 2022, 30, 1.	3.3	59
14	An improved cuckoo search optimization algorithm with genetic algorithm for community detection in complex networks. <i>Multimedia Tools and Applications</i> , 2022, 81, 25205-25231.	2.6	57
15	A multi-agent system based for solving high-dimensional optimization problems: A case study on email spam detection. <i>International Journal of Communication Systems</i> , 2021, 34, e4670.	1.6	54
16	Advances in Spotted Hyena Optimizer: A Comprehensive Survey. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 1569-1590.	6.0	53
17	Discrete farmland fertility optimization algorithm with metropolis acceptance criterion for traveling salesman problems. <i>International Journal of Intelligent Systems</i> , 2021, 36, 1270-1303.	3.3	47
18	An efficient harris hawk optimization algorithm for solving the travelling salesman problem. <i>Cluster Computing</i> , 2022, 25, 1981-2005.	3.5	47

#	ARTICLE	IF	CITATIONS
19	Feature Selection with Binary Symbiotic Organisms Search Algorithm for Email Spam Detection. International Journal of Information Technology and Decision Making, 2021, 20, 469-515.	2.3	46
20	A modified farmland fertility algorithm for solving constrained engineering problems. Concurrency Computation Practice and Experience, 2021, 33, e6310.	1.4	45
21	An improved opposition based learning firefly algorithm with dragonfly algorithm for solving continuous optimization problems. Intelligent Data Analysis, 2020, 24, 309-338.	0.4	44
22	Advances in Tree Seed Algorithm: A Comprehensive Survey. Archives of Computational Methods in Engineering, 2022, 29, 3281-3304.	6.0	44
23	An efficient binary chaotic symbiotic organisms search algorithm approaches for feature selection problems. Journal of Supercomputing, 2021, 77, 9102-9144.	2.4	43
24	A wrapper-based feature selection for improving performance of intrusion detection systems. International Journal of Communication Systems, 2020, 33, e4434.	1.6	42
25	A New Approach in Bloggers Classification with Hybrid of K-Nearest Neighbor and Artificial Neural Network Algorithms. Indian Journal of Science and Technology, 2015, 8, 237.	0.5	38
26	Energy and Cost-Aware Workflow Scheduling in Cloud Computing Data Centers Using a Multi-objective Optimization Algorithm. Journal of Network and Systems Management, 2021, 29, 1.	3.3	38
27	A hybrid multi-objective metaheuristic optimization algorithm for scientific workflow scheduling. Cluster Computing, 2021, 24, 1479-1503.	3.5	37
28	A New Hybrid Based on Long Short-Term Memory Network with Spotted Hyena Optimization Algorithm for Multi-Label Text Classification. Mathematics, 2022, 10, 488.	1.1	32
29	A Hybrid of Ant Colony Optimization and Chaos Optimization Algorithms Approach for Software Cost Estimation. Indian Journal of Science and Technology, 2015, 8, 128.	0.5	30
30	Multi-swarm and chaotic whale-particle swarm optimization algorithm with a selection method based on roulette wheel. Expert Systems, 2021, 38, e12779.	2.9	30
31	Improved chaotic binary grey wolf optimization algorithm for workflow scheduling in green cloud computing. Evolutionary Intelligence, 2021, 14, 1997-2025.	2.3	28
32	A chaotic and hybrid gray wolf-whale algorithm for solving continuous optimization problems. Progress in Artificial Intelligence, 2021, 10, 349-374.	1.5	25
33	Neural networks application in software cost estimation: A case study. , 2011, , .		24
34	Comparison and evaluation of data mining techniques with algorithmic models in software cost estimation. Procedia Technology, 2012, 1, 65-71.	1.1	24
35	Enriched Latent Dirichlet Allocation for Sentiment Analysis. Expert Systems, 2020, 37, e12527.	2.9	20
36	A novel binary farmland fertility algorithm for feature selection in analysis of the text psychology. Applied Intelligence, 2021, 51, 4824-4859.	3.3	19

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37	A novel particle swarm optimization approach for software effort estimation. International Journal of Academic Research, 2014, 6, 69-76.	0.1	18
38	Neural Network application in diagnosis of patient: A case study. , 2011, , .		16
39	Artificial neural network models for diagnosing heart disease: a brief review. International Journal of Academic Research, 2014, 6, 73-78.	0.1	15
40	A Novel PSO based Approach with Hybrid of Fuzzy C-Means and Learning Automata in Software Cost Estimation. Indian Journal of Science and Technology, 2014, 7, 795-803.	0.5	15
41	Chaotic-based divide-and-conquer feature selection method and its application in cardiac arrhythmia classification. Journal of Supercomputing, 2022, 78, 5856-5882.	2.4	14
42	A systematic approach for pre-processing electronic health records for mining: case study of heart disease. International Journal of Data Mining and Bioinformatics, 2020, 24, 97.	0.1	13
43	Sentiment Classification Using Two Effective Optimization Methods Derived From The Artificial Bee Colony Optimization And Imperialist Competitive Algorithm. Computer Journal, 2020, , .	1.5	13
44	A new approach by using Tabu search and genetic algorithms in Software Cost estimation. , 2015, , .		11
45	Toward text psychology analysis using social spider optimization algorithm. Concurrency Computation Practice and Experience, 2021, 33, e6325.	1.4	11
46	Design of a reversible structure for memory in quantumâ€¢cellular automata. International Journal of Circuit Theory and Applications, 2020, 48, 2257-2265.	1.3	10
47	A Novel Approach for Edge Detection in Images Based on Cellular Learning Automata. International Journal of Computer Vision and Image Processing, 2012, 2, 51-61.	0.3	9
48	Using hybrid model of Artificial Bee Colony and Genetic Algorithms in Software Cost Estimation. , 2015, , .		9
49	Approach and review of user oriented interactive data mining. , 2010, , .		8
50	A Survey and Taxonomy of Leader Election Algorithms in Distributed Systems. Indian Journal of Science and Technology, 2014, 7, 815-830.	0.5	8
51	A fixed structure learning automataâ€¢based optimization algorithm for structure learning of Bayesian networks. Expert Systems, 2021, 38, e12734.	2.9	7
52	Cluster-Based Routing Schema Using Harris Hawks Optimization in the Vehicular Ad Hoc Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-15.	0.8	5
53	A multiobjective Cuckoo Search Algorithm for community detection in social networks. , 2022, , 177-193.		4
54	A Novel Hybrid Binary Farmland Fertility Algorithm with Naïve Bayes for Diagnosis of Heart Disease. Sakarya University Journal of Computer and Information Sciences, 2022, 5, 90-103.	0.6	2

#	ARTICLE	IF	CITATIONS
55	A Bee Colony Optimization Algorithm Approach for Software Cost Estimation. International Journal of Computer Applications, 2014, 104, 41-44.	0.2	1
56	A systematic approach for pre-processing electronic health records for mining: case study of heart disease. International Journal of Data Mining and Bioinformatics, 2020, 24, 97.	0.1	1
57	Diagnosis of Heart Disease Using Binary Grasshopper Optimization Algorithm and K-Nearest Neighbors. Journal of Health Administration, 2020, 23, 42-54.	0.1	1