

Yongquan Zhou

List of Publications by Year in descending order

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papers

2,147
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236612

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57
all docs

57
docs citations

57
times ranked

1536
citing authors

#	ARTICLE	IF	CITATIONS
1	LÃ©vy Flight Trajectory-Based Whale Optimization Algorithm for Global Optimization. IEEE Access, 2017, 5, 6168-6186.	2.6	302
2	An enhanced fast non-dominated solution sorting genetic algorithm for multi-objective problems. Information Sciences, 2022, 585, 441-453.	4.0	261
3	Elite opposition-based flower pollination algorithm. Neurocomputing, 2016, 188, 294-310.	3.5	114
4	An improved quantum-inspired cooperative co-evolution algorithm with multi-strategy and its application. Expert Systems With Applications, 2021, 171, 114629.	4.4	109
5	A Novel Bat Algorithm Based on Differential Operator and LÃ©vy Flights Trajectory. Computational Intelligence and Neuroscience, 2013, 2013, 1-13.	1.1	100
6	An Efficient Binary Equilibrium Optimizer Algorithm for Feature Selection. IEEE Access, 2020, 8, 140936-140963.	2.6	73
7	MOMPA: Multi-objective marine predator algorithm. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114029.	3.4	72
8	Optimal reactive power dispatch using an improved slime mould algorithm. Energy Reports, 2021, 7, 8742-8759.	2.5	64
9	A novel complex-valued bat algorithm. Neural Computing and Applications, 2014, 25, 1369-1381.	3.2	62
10	Training Feedforward Neural Networks Using Symbiotic Organisms Search Algorithm. Computational Intelligence and Neuroscience, 2016, 2016, 1-14.	1.1	62
11	LÃ©vy flight trajectory-based whale optimization algorithm for engineering optimization. Engineering Computations, 2018, 35, 2406-2428.	0.7	55
12	A hybrid algorithm combining glowworm swarm optimization and complete 2-opt algorithm for spherical travelling salesman problems. Applied Soft Computing Journal, 2017, 58, 104-114.	4.1	54
13	Hybrid metaheuristic algorithm using butterfly and flower pollination base on mutualism mechanism for global optimization problems. Engineering With Computers, 2021, 37, 3665-3698.	3.5	51
14	A Novel Discrete Cuckoo Search Algorithm for Spherical Traveling Salesman Problem. Applied Mathematics and Information Sciences, 2013, 7, 777-784.	0.7	50
15	LÃ©vy-Flight Moth-Flame Algorithm for Function Optimization and Engineering Design Problems. Mathematical Problems in Engineering, 2016, 2016, 1-22.	0.6	43
16	A complex-valued encoding wind driven optimization for the 0-1 knapsack problem. Applied Intelligence, 2017, 46, 684-702.	3.3	41
17	Flower Pollination Algorithm with Dimension by Dimension Improvement. Mathematical Problems in Engineering, 2014, 2014, 1-9.	0.6	40
18	An efficient binary Gradient-based optimizer for feature selection. Mathematical Biosciences and Engineering, 2021, 18, 3813-3854.	1.0	40

#	ARTICLE	IF	CITATIONS
19	Discrete greedy flower pollination algorithm for spherical traveling salesman problem. <i>Neural Computing and Applications</i> , 2019, 31, 2155-2170.	3.2	37
20	Complex-valued encoding metaheuristic optimization algorithm: A comprehensive survey. <i>Neurocomputing</i> , 2020, 407, 313-342.	3.5	37
21	A Novel Complex-Valued Encoding Grey Wolf Optimization Algorithm. <i>Algorithms</i> , 2016, 9, 4.	1.2	34
22	Using flower pollination algorithm and atomic potential function for shape matching. <i>Neural Computing and Applications</i> , 2018, 29, 21-40.	3.2	32
23	Teaching-learning-based pathfinder algorithm for function and engineering optimization problems. <i>Applied Intelligence</i> , 2021, 51, 5040-5066.	3.3	29
24	Binary Symbiotic Organism Search Algorithm for Feature Selection and Analysis. <i>IEEE Access</i> , 2019, 7, 166833-166859.	2.6	28
25	Symbiotic organisms search algorithm for optimal evolutionary controller tuning of fractional fuzzy controllers. <i>Applied Soft Computing Journal</i> , 2019, 77, 497-508.	4.1	27
26	EOSMA: An Equilibrium Optimizer Slime Mould Algorithm for Engineering Design Problems. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 10115-10146.	1.7	25
27	Elite Opposition-Based Social Spider Optimization Algorithm for Global Function Optimization. <i>Algorithms</i> , 2017, 10, 9.	1.2	22
28	DTSMA: Dominant Swarm with Adaptive T-distribution Mutation-based Slime Mould Algorithm. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 2240-2285.	1.0	21
29	Improved chimp optimization algorithm for three-dimensional path planning problem. <i>Multimedia Tools and Applications</i> , 2022, 81, 27397-27422.	2.6	20
30	Enhanced Metaheuristic Optimization: Wind-Driven Flower Pollination Algorithm. <i>IEEE Access</i> , 2019, 7, 111439-111465.	2.6	17
31	An improved spotted hyena optimizer for PID parameters in an AVR system. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 3767-3783.	1.0	17
32	Artificial Electric Field Algorithm with Greedy State Transition Strategy for Spherical Multiple Traveling Salesmen Problem. <i>International Journal of Computational Intelligence Systems</i> , 2022, 15, 1.	1.6	17
33	Neighborhood centroid opposite-based learning Harris Hawks optimization for training neural networks. <i>Evolutionary Intelligence</i> , 2021, 14, 1847-1867.	2.3	14
34	A Hybrid Lightning Search Algorithm-Simplex Method for Global Optimization. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-23.	0.5	13
35	An enhanced pathfinder algorithm for engineering optimization problems. <i>Engineering With Computers</i> , 2022, 38, 1481-1503.	3.5	13
36	CCEO: cultural cognitive evolution optimization algorithm. <i>Soft Computing</i> , 2019, 23, 12561-12583.	2.1	12

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37	Functional networks and applications: A survey. <i>Neurocomputing</i> , 2019, 335, 384-399.	3.5	12
38	Artificial electric field algorithm with inertia and repulsion for spherical minimum spanning tree. <i>Applied Intelligence</i> , 2022, 52, 195-214.	3.3	12
39	Color Image Enhancement: A Metaheuristic Chimp Optimization Algorithm. <i>Neural Processing Letters</i> , 2022, 54, 4769-4808.	2.0	12
40	An equilibrium optimizer slime mould algorithm for inverse kinematics of the 7-DOF robotic manipulator. <i>Scientific Reports</i> , 2022, 12, .	1.6	12
41	Wind driven dragonfly algorithm for global optimization. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6054.	1.4	9
42	A complex encoding flower pollination algorithm for constrained engineering optimisation problems. <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , 2017, 8, 108.	0.1	9
43	SSMA: simplified slime mould algorithm for optimization wireless sensor network coverage problem. <i>Systems Science and Control Engineering</i> , 2022, 10, 662-685.	1.8	9
44	Bioinspired Bare Bones Mayfly Algorithm for Large-Scale Spherical Minimum Spanning Tree. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 830037.	2.0	8
45	Color image quantization using flower pollination algorithm. <i>Multimedia Tools and Applications</i> , 2020, 79, 32151-32168.	2.6	7
46	Improved gradient-based optimizer for parameters extraction of photovoltaic models. <i>IET Renewable Power Generation</i> , 2022, 16, 1602-1622.	1.7	7
47	A Curve Approximation Approach Using Bio-inspired Polar Coordinate Bald Eagle Search Algorithm. <i>International Journal of Computational Intelligence Systems</i> , 2022, 15, 1.	1.6	7
48	PSSA: Polar Coordinate Salp Swarm Algorithm for Curve Design Problems. <i>Neural Processing Letters</i> , 2020, 52, 615-645.	2.0	6
49	Optimal hydropower station dispatch using quantum social spider optimization algorithm. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e5782.	1.4	5
50	CWCA: Complex-valued encoding water cycle algorithm. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 5836-5864.	1.0	5
51	Golden sine cosine SALP swarm algorithm for shape matching using atomic potential function. <i>Expert Systems</i> , 2022, 39, e12854.	2.9	5
52	Using Orthogonal Grey Wolf Optimizer with Mutation for Training Multi-Layer Perceptron Neural Network. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 4544-4556.	0.4	2
53	Learn From Optimal Energy-Efficiency Beamforming for SWIPT-Enabled Sensor Cloud System Based on DNN. <i>IEEE Access</i> , 2021, 9, 60841-60852.	2.6	2
54	Parameter optimization of shared electric vehicle dispatching model using discrete Harris hawks optimization. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 7284-7313.	1.0	2

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55	An Energy-segmented Moth-flame Optimization Algorithm for Function Optimization and Performance Measures Analysis. WSEAS Transactions on Circuits and Systems, 2021, 19, 320-346.	0.1	1
56	A Novel Complex-Valued Social Spider Optimization Algorithm. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3273-3289.	0.4	1