

# Yongquan Zhou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

1,121  
citations

18  
h-index

32  
g-index

57  
ext. papers

1,614  
ext. citations

3.1  
avg. IF

5.34  
L-index

#	Paper	IF	Citations
55	Lily Flight Trajectory-Based Whale Optimization Algorithm for Global Optimization. <i>IEEE Access</i> , <b>2017</b> , 5, 6168-6186	3.5	189
54	Elite opposition-based flower pollination algorithm. <i>Neurocomputing</i> , <b>2016</b> , 188, 294-310	5.4	80
53	An enhanced fast non-dominated solution sorting genetic algorithm for multi-objective problems. <i>Information Sciences</i> , <b>2022</b> , 585, 441-453	7.7	77
52	A novel bat algorithm based on differential operator and Lily flights trajectory. <i>Computational Intelligence and Neuroscience</i> , <b>2013</b> , 2013, 453812	3	76
51	An improved quantum-inspired cooperative co-evolution algorithm with multi-strategy and its application. <i>Expert Systems With Applications</i> , <b>2021</b> , 171, 114629	7.8	67
50	A novel complex-valued bat algorithm. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 1369-1381	4.8	46
49	Training Feedforward Neural Networks Using Symbiotic Organisms Search Algorithm. <i>Computational Intelligence and Neuroscience</i> , <b>2016</b> , 2016, 9063065	3	41
48	A hybrid algorithm combining glowworm swarm optimization and complete 2-opt algorithm for spherical travelling salesman problems. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 58, 104-114	7.5	35
47	Flower Pollination Algorithm with Dimension by Dimension Improvement. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-9	1.1	34
46	Lily-Flight Moth-Flame Algorithm for Function Optimization and Engineering Design Problems. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-22	1.1	34
45	A Novel Discrete Cuckoo Search Algorithm for Spherical Traveling Salesman Problem. <i>Applied Mathematics and Information Sciences</i> , <b>2013</b> , 7, 777-784	2.4	32
44	A complex-valued encoding wind driven optimization for the 0-1 knapsack problem. <i>Applied Intelligence</i> , <b>2017</b> , 46, 684-702	4.9	31
43	Lily flight trajectory-based whale optimization algorithm for engineering optimization. <i>Engineering Computations</i> , <b>2018</b> , 35, 2406-2428	1.4	29
42	Using flower pollination algorithm and atomic potential function for shape matching. <i>Neural Computing and Applications</i> , <b>2018</b> , 29, 21-40	4.8	28
41	. <i>IEEE Access</i> , <b>2020</b> , 8, 140936-140963	3.5	27
40	Discrete greedy flower pollination algorithm for spherical traveling salesman problem. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 2155-2170	4.8	25
39	Hybrid metaheuristic algorithm using butterfly and flower pollination base on mutualism mechanism for global optimization problems. <i>Engineering With Computers</i> , <b>2020</b> , 37, 3665	4.5	22

38	Symbiotic organisms search algorithm for optimal evolutionary controller tuning of fractional fuzzy controllers. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 77, 497-508	7.5	20
37	Elite Opposition-Based Social Spider Optimization Algorithm for Global Function Optimization. <i>Algorithms</i> , <b>2017</b> , 10, 9	1.8	17
36	Optimal reactive power dispatch using an improved slime mould algorithm. <i>Energy Reports</i> , <b>2021</b> , 7, 8742-8759	17	
35	A Novel Complex-Valued Encoding Grey Wolf Optimization Algorithm. <i>Algorithms</i> , <b>2016</b> , 9, 4	1.8	17
34	MOMPA: Multi-objective marine predator algorithm. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2021</b> , 385, 114029	5.7	17
33	Binary Symbiotic Organism Search Algorithm for Feature Selection and Analysis. <i>IEEE Access</i> , <b>2019</b> , 7, 166833-166859	3.5	16
32	An efficient binary Gradient-based optimizer for feature selection. <i>Mathematical Biosciences and Engineering</i> , <b>2021</b> , 18, 3813-3854	2.1	16
31	Enhanced Metaheuristic Optimization: Wind-Driven Flower Pollination Algorithm. <i>IEEE Access</i> , <b>2019</b> , 7, 111439-111465	3.5	15
30	Complex-valued encoding metaheuristic optimization algorithm: A comprehensive survey. <i>Neurocomputing</i> , <b>2020</b> , 407, 313-342	5.4	15
29	Teaching-learning-based pathfinder algorithm for function and engineering optimization problems. <i>Applied Intelligence</i> , <b>2021</b> , 51, 5040-5066	4.9	11
28	CCEO: cultural cognitive evolution optimization algorithm. <i>Soft Computing</i> , <b>2019</b> , 23, 12561-12583	3.5	10
27	A complex encoding flower pollination algorithm for constrained engineering optimisation problems. <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , <b>2017</b> , 8, 108	0.3	8
26	Functional networks and applications: A survey. <i>Neurocomputing</i> , <b>2019</b> , 335, 384-399	5.4	8
25	A Hybrid Lightning Search Algorithm-Simplex Method for Global Optimization. <i>Discrete Dynamics in Nature and Society</i> , <b>2017</b> , 2017, 1-23	1.1	7
24	An improved spotted hyena optimizer for PID parameters in an AVR system. <i>Mathematical Biosciences and Engineering</i> , <b>2020</b> , 17, 3767-3783	2.1	7
23	Neighborhood centroid opposite-based learning Harris Hawks optimization for training neural networks. <i>Evolutionary Intelligence</i> , <b>2020</b> , 1	1.7	6
22	An enhanced pathfinder algorithm for engineering optimization problems. <i>Engineering With Computers</i> , 1	4.5	6
21	EOSMA: An Equilibrium Optimizer Slime Mould Algorithm for Engineering Design Problems. <i>Arabian Journal for Science and Engineering</i> , 1	2.5	5

20	Elite Opposition-Based Selfish Herd Optimizer. <i>IFIP Advances in Information and Communication Technology</i> , <b>2018</b> , 89-98	0.5	4
19	Optimal hydropower station dispatch using quantum social spider optimization algorithm. <i>Concurrency Computation Practice and Experience</i> , <b>2020</b> , e5782	1.4	3
18	Artificial Electric Field Algorithm with Greedy State Transition Strategy for Spherical Multiple Traveling Salesmen Problem. <i>International Journal of Computational Intelligence Systems</i> , <b>2022</b> , 15, 1	3.4	3
17	DTSMA: Dominant Swarm with Adaptive T-distribution Mutation-based Slime Mould Algorithm.. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 2240-2285	2.1	3
16	Artificial electric field algorithm with inertia and repulsion for spherical minimum spanning tree. <i>Applied Intelligence</i> ,1	4.9	3
15	Wind driven dragonfly algorithm for global optimization. <i>Concurrency Computation Practice and Experience</i> , <b>2021</b> , 33, e6054	1.4	3
14	Bioinspired Bare Bones Mayfly Algorithm for Large-Scale Spherical Minimum Spanning Tree.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 830037	5.8	3
13	PSSA: Polar Coordinate Salp Swarm Algorithm for Curve Design Problems. <i>Neural Processing Letters</i> , <b>2020</b> , 52, 615-645	2.4	2
12	Using Orthogonal Grey Wolf Optimizer with Mutation for Training Multi-Layer Perceptron Neural Network. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2016</b> , 13, 4544-4556	0.3	1
11	Golden sine cosine salp swarm algorithm for shape matching using atomic potential function. <i>Expert Systems</i> ,e12854	2.1	1
10	A Novel Complex-Valued Social Spider Optimization Algorithm. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2016</b> , 13, 3273-3289	0.3	1
9	Improved chimp optimization algorithm for three-dimensional path planning problem. <i>Multimedia Tools and Applications</i> ,1	2.5	1
8	Color Image Enhancement: A Metaheuristic Chimp Optimization Algorithm. <i>Neural Processing Letters</i> ,1	2.4	1
7	An equilibrium optimizer slime mould algorithm for inverse kinematics of the 7-DOF robotic manipulator. <i>Scientific Reports</i> , <b>2022</b> , 12,	4.9	1
6	Color image quantization using flower pollination algorithm. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 32151-32168	2.5	0
5	CWCA: Complex-valued encoding water cycle algorithm. <i>Mathematical Biosciences and Engineering</i> , <b>2021</b> , 18, 5836-5864	2.1	0
4	An Energy-segmented Moth-flame Optimization Algorithm for Function Optimization and Performance Measures Analysis. <i>WSEAS Transactions on Circuits and Systems</i> , <b>2021</b> , 19, 320-346	0.4	0
3	A Curve Approximation Approach Using Bio-inspired Polar Coordinate Bald Eagle Search Algorithm. <i>International Journal of Computational Intelligence Systems</i> , <b>2022</b> , 15, 1	3.4	0

- 2 Learn From Optimal Energy-Efficiency Beamforming for SWIPT-Enabled Sensor Cloud System Based on DNN. *IEEE Access*, **2021**, 9, 60841-60852 3.5
- 1 Parameter optimization of shared electric vehicle dispatching model using discrete Harris hawks optimization. *Mathematical Biosciences and Engineering*, **2022**, 19, 7284-7313 2.1