

# Zhijian Wu

## List of Publications by Year in descending order

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46  
papers

778  
citations

949033

11  
h-index

939365

18  
g-index

46  
all docs

46  
docs citations

46  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Best neighbor-guided artificial bee colony algorithm for continuous optimization problems. <i>Soft Computing</i> , 2019, 23, 8723-8740.	2.1	55
2	Firefly Algorithm With Luciferase Inhibition Mechanism. <i>IEEE Access</i> , 2019, 7, 120189-120201.	2.6	12
3	A Spark-based Gaussian Bare-bones Cuckoo Search with dynamic parameter selection. , 2019, , .		3
4	SPBSO: self-adaptive brain storm optimization algorithm with pbest guided step-size. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 5423-5434.	0.8	9
5	FIR digital filter design using improved particle swarm optimization based on refraction principle. <i>Soft Computing</i> , 2017, 21, 2631-2642.	2.1	31
6	Enhancing Differential Evolution with Commensal Learning and Uniform Local Search. <i>Chinese Journal of Electronics</i> , 2017, 26, 725-733.	0.7	21
7	Dichotomous Binary Differential Evolution for Knapsack Problems. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-12.	0.6	15
8	Adaptive Multi-layer Particle Swarm Optimization with Neighborhood Search. <i>Chinese Journal of Electronics</i> , 2016, 25, 1079-1088.	0.7	8
9	Gaussian bare-bones artificial bee colony algorithm. <i>Soft Computing</i> , 2016, 20, 907-924.	2.1	69
10	A Novel Hybrid Data Clustering Algorithm Based on Artificial Bee Colony Algorithm and K-Means. <i>Chinese Journal of Electronics</i> , 2015, 24, 694-701.	0.7	28
11	An improved approach of particle swarm optimization and application in data clustering. <i>Intelligent Data Analysis</i> , 2015, 19, 1049-1070.	0.4	8
12	An Enhanced Differential Evolution with Elite Chaotic Local Search. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-11.	1.1	14
13	Heterozygous differential evolution with Taguchi local search. <i>Soft Computing</i> , 2015, 19, 3273-3291.	2.1	27
14	Improved differential evolution with adaptive opposition strategy. , 2014, , .		7
15	A Thermodynamical Selection-Based Discrete Differential Evolution for the 0-1 Knapsack Problem. <i>Entropy</i> , 2014, 16, 6263-6285.	1.1	11
16	Enhancing differential evolution with role assignment scheme. <i>Soft Computing</i> , 2014, 18, 2209-2225.	2.1	24
17	Accelerating artificial bee colony algorithm by using an external archive. , 2013, , .		1
18	A Novel Enhanced Particle Swarm Optimization Method with Diversity and Neighborhood Search. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Differential evolution with nonlinear simplex method and dynamic neighborhood search. , 2013, , .		0
20	A new approach based on enhanced PSO with neighborhood search for data clustering. , 2013, , .		3
21	Elite Opposition-Based Differential Evolution for Solving Large-Scale Optimization Problems and Its Implementation on GPU. , 2012, , .		23
22	Packet matching algorithm based on improving differential evolution. Wuhan University Journal of Natural Sciences, 2012, 17, 447-453.	0.2	4
23	Enhanced opposition-based differential evolution for solving high-dimensional continuous optimization problems. Soft Computing, 2011, 15, 2127-2140.	2.1	180
24	Optimization of vertical well placement by using a hybrid particle swarm optimization. Wuhan University Journal of Natural Sciences, 2011, 16, 237-240.	0.2	11
25	Adaptive Differential Evolution with variable population size for solving high-dimensional problems. , 2011, , .		20
26	Particle Gradient Multi-objective Evolutionary Algorithm Based on GPU with CUDA. , 2010, , .		1
27	Multi-Parent Crossover Algorithm with Discrete Recombination. , 2010, , .		1
28	Sequential DE enhanced by neighborhood search for Large Scale Global Optimization. , 2010, , .		23
29	Differential Evolution enhanced by neighborhood search. , 2010, , .		8
30	A Scalability Test for Accelerated DE Using Generalized Opposition-Based Learning. , 2009, , .		28
31	A New Population Initialization Method Based on Space Transformation Search. , 2009, , .		18
32	A Simple and Fast Particle Swarm Optimization and Its Application on Portfolio Selection. , 2009, , .		11
33	Performance assessment of DMOEA-DD with CEC 2009 MOEA competition test instances. , 2009, , .		57
34	Evolving Classification Rules by Unconstrained Gene Expression Programming. , 2009, , .		1
35	An improved Particle Swarm Optimization with adaptive jumps. , 2008, , .		7
36	Algorithm based on heuristic subspace searching strategy for solving investment portfolio optimization problems. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
37	Evolutionary modeling based on overlap reuse. , 2008, , .		0
38	Particle Swarm Optimization with a Novel Multi-Parent Crossover Operator. , 2008, , .		18
39	An improved particle swarm optimization algorithm based on velocity updating. , 2008, , .		1
40	Dynamical Evolution in Function Finding. , 2007, , .		2
41	Parameter Identifications In Differential Equations By Gene Expression Programming. , 2007, , .		3
42	GRID RESOURCE ALLOCATION AND MANAGEMENT BASED ON GRID RESOURCE SUPERMARKET IN GRID COMPUTING. , 2005, , .		0
43	An efficient dynamical evolutionary algorithm for global optimization. International Journal of Computer Mathematics, 2003, 80, 1429-1436.	1.0	3
44	A parallel global-local mixed evolutionary algorithm for multimodal function optimization. , 0, , .		5
45	An adaptive neighborhood-based multi-parent crossover operator for real-coded genetic algorithms. , 0, , .		1
46	An evolutionary algorithm for solving parameter identification problems in elliptic systems. , 0, , .		3