Haibin Ouyang

List of Publications by Year
in descending order

30 papers	800 citations	759233 12 h-index	677142 22 g-index
30 all docs	30 docs citations	30 times ranked	911 citing authors

#	ARTICLE	IF	CITATIONS
1	Solving the combined heat and power economic dispatch problems by an improved genetic algorithm and a new constraint handling strategy. Applied Energy, 2019, 237, 646-670.	10.1	152
2	An improved differential evolution algorithm for the economic load dispatch problems with or without valve-point effects. Applied Energy, 2016, 181, 375-390.	10.1	110
3	A simplified binary harmony search algorithm for large scale 0–1 knapsack problems. Expert Systems With Applications, 2015, 42, 5337-5355.	7.6	85
4	Solving the dynamic economic dispatch by a memory-based global differential evolution and a repair technique of constraint handling. Energy, 2018, 147, 59-80.	8.8	68
5	Improved Harmony Search Algorithm: LHS. Applied Soft Computing Journal, 2017, 53, 133-167.	7.2	65
6	Solving large-scale multidimensional knapsack problems with a new binary harmony search algorithm. Computers and Operations Research, 2015, 63, 7-22.	4.0	64
7	Teaching-learning based optimization with global crossover for global optimization problems. Applied Mathematics and Computation, 2015, 265, 533-556.	2.2	52
8	Improved global-best-guided particle swarm optimization with learning operation for global optimization problems. Applied Soft Computing Journal, 2017, 52, 987-1008.	7.2	45
9	Solving the redundancy allocation problem with multiple strategy choices using a new simplified particle swarm optimization. Reliability Engineering and System Safety, 2015, 144, 147-158.	8.9	31
10	Mobile Robot Dynamic Path Planning Based on Self-Adaptive Harmony Search Algorithm and Morphin Algorithm. IEEE Access, 2021, 9, 102758-102769.	4.2	17
11	Improved harmony search with general iteration models for engineering design optimization problems. Soft Computing, 2019, 23, 10225-10260.	3.6	15
12	An Effective ABC-SVM Approach for Surface Roughness Prediction in Manufacturing Processes. Complexity, 2019, 2019, 1-13.	1.6	13
13	A constrained cooperative adaptive multi-population differential evolutionary algorithm for economic load dispatch problems. Applied Soft Computing Journal, 2022, 121, 108719.	7.2	12
14	A prediction-based adaptive grouping differential evolution algorithm for constrained numerical optimization. Soft Computing, 2013, 17, 2293-2309.	3.6	10
15	Parameter Identification for Photovoltaic Models Using an Improved Learning Search Algorithm. IEEE Access, 2020, 8, 116292-116309.	4.2	9
16	Hybrid Harmony Search Differential Evolution Algorithm. IEEE Access, 2021, 9, 21532-21555.	4.2	9
17	Enhanced harmony search algorithm with circular region perturbation for global optimization problems. Applied Intelligence, 2020, 50, 951-975.	5.3	7
18	Sharp Threshold for the Dynamics of a SIRS Epidemic Model With General Awareness- Induced Incidence and Four Independent Brownian Motions. IEEE Access, 2020, 8, 29648-29657.	4.2	5

#	Article	IF	Citations
19	Hybrid differential evolution harmony search algorithm for numerical optimization problems. , 2013, , .		4
20	Opposition-based learning harmony search algorithm with mutation for solving global optimization problems. , 2014, , .		4
21	A Hybrid Harmony Search Algorithm with Distribution Estimation for Solving the 0-1 Knapsack Problem. Mathematical Problems in Engineering, 2022, 2022, 1-29.	1.1	4
22	Hybrid teaching-learning based optimization with harmony search for engineering optimization problems. , 2017, , .		3
23	Non-fragile Output Tracking Control for T-S Fuzzy Systems. , 2019, , .		3
24	Self-adaptively commensal learning-based Jaya algorithm with multi-populations and its application. Soft Computing, 2021, 25, 15163-15181.	3.6	3
25	A modified fireworks algorithm with dynamic search interval based on closed-loop control. Mathematics and Computers in Simulation, 2022, 200, 329-360.	4.4	3
26	Modified teaching-learning based optimization for 0â€"1 knapsack optimization problems. , 2017, , .		2
27	Competition harmony search algorithm with dimension selection for continuous optimization probems. , 2018, , .		2
28	A behavior-selection based Rao algorithm and its applications to power system economic load dispatch problems. Applied Intelligence, 2022, 52, 11966-11999.	5.3	2
29	Intelligent guidance of autonomous mobile robots based on adaptive dynamic programming. , 2019, , .		1
30	Novel Global Harmony Search Algorithm with New Position Updating for Optimization Problems. , 2020, , .		0