

Suash Deb

List of Publications by Year in descending order

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42
papers

8,726
citations

279701

23
h-index

501076

28
g-index

42
all docs

42
docs citations

42
times ranked

5449
citing authors

#	ARTICLE	IF	CITATIONS
1	Cuckoo Search via Lévy flights. , 2009, , .		3,799
2	Cuckoo search: recent advances and applications. Neural Computing and Applications, 2014, 24, 169-174.	3.2	791
3	Monarch butterfly optimization. Neural Computing and Applications, 2019, 31, 1995-2014.	3.2	744
4	Multiobjective cuckoo search for design optimization. Computers and Operations Research, 2013, 40, 1616-1624.	2.4	710
5	Elephant Herding Optimization. , 2015, , .		400
6	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. International Journal of Bio-Inspired Computation, 2016, 8, 394.	0.6	251
7	Chaotic cuckoo search. Soft Computing, 2016, 20, 3349-3362.	2.1	190
8	An improved NSGA-III algorithm with adaptive mutation operator for Big Data optimization problems. Future Generation Computer Systems, 2018, 88, 571-585.	4.9	160
9	Opposition-based krill herd algorithm with Cauchy mutation and position clamping. Neurocomputing, 2016, 177, 147-157.	3.5	148
10	Eagle Strategy Using Lévy Walk and Firefly Algorithms for Stochastic Optimization. Studies in Computational Intelligence, 2010, , 101-111.	0.7	145
11	Design optimization of truss structures using cuckoo search algorithm. Structural Design of Tall and Special Buildings, 2013, 22, 1330-1349.	0.9	132
12	Monarch butterfly optimization: A comprehensive review. Expert Systems With Applications, 2021, 168, 114418.	4.4	131
13	Coupled eagle strategy and differential evolution for unconstrained and constrained global optimization. Computers and Mathematics With Applications, 2012, 63, 191-200.	1.4	124
14	A hybrid method based on krill herd and quantum-behaved particle swarm optimization. Neural Computing and Applications, 2016, 27, 989-1006.	3.2	123
15	Earthworm optimization algorithm: a bio-inspired metaheuristic algorithm for global optimization problems. International Journal of Bio-Inspired Computation, 2015, 1, 1.	0.6	122
16	Solving 0-1 knapsack problem by a novel binary monarch butterfly optimization. Neural Computing and Applications, 2017, 28, 1619-1634.	3.2	117
17	Swarm intelligence: past, present and future. Soft Computing, 2018, 22, 5923-5933.	2.1	87
18	A framework for self-tuning optimization algorithm. Neural Computing and Applications, 2013, 23, 2051-2057.	3.2	72

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19	A novel fruit fly framework for multi-objective shape design of tubular linear synchronous motor. Journal of Supercomputing, 2017, 73, 1235-1256.	2.4	63
20	A new monarch butterfly optimization with an improved crossover operator. Operational Research, 2018, 18, 731-755.	1.3	58
21	A Multi-Stage Krill Herd Algorithm for Global Numerical Optimization. International Journal on Artificial Intelligence Tools, 2016, 25, 1550030.	0.7	48
22	A heuristic optimization method inspired by wolf preying behavior. Neural Computing and Applications, 2015, 26, 1725-1738.	3.2	43
23	Multi-species Cuckoo Search Algorithm for Global Optimization. Cognitive Computation, 2018, 10, 1085-1095.	3.6	34
24	A Novel Monarch Butterfly Optimization with Greedy Strategy and Self-Adaptive. , 2015, , .		29
25	Solving IIR system identification by a variant of particle swarm optimization. Neural Computing and Applications, 2018, 30, 685-698.	3.2	29
26	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. International Journal of Bio-Inspired Computation, 2016, 8, 394.	0.6	29
27	Towards Enhancement of Performance of K-Means Clustering Using Nature-Inspired Optimization Algorithms. Scientific World Journal, The, 2014, 2014, 1-16.	0.8	25
28	Swarm Search for Feature Selection in Classification. , 2013, , .		23
29	Attraction and diffusion in nature-inspired optimization algorithms. Neural Computing and Applications, 2019, 31, 1987-1994.	3.2	20
30	Selecting Optimal Feature Set in High-Dimensional Data by Swarm Search. Journal of Applied Mathematics, 2013, 2013, 1-18.	0.4	17
31	Cuckoo search: State-of-the-art and opportunities. , 2017, , .		12
32	Eagle strategy with flower algorithm. , 2013, , .		11
33	Eidetic Wolf Search Algorithm with a global memory structure. European Journal of Operational Research, 2016, 254, 19-28.	3.5	10
34	A Hybrid PBIL-Based Krill Herd Algorithm. , 2015, , .		7
35	A Discrete Krill Herd Method with Multilayer Coding Strategy for Flexible Job-Shop Scheduling Problem. Advances in Intelligent Systems and Computing, 2016, , 201-215.	0.5	7
36	Cuckoo Search for Optimization and Computational Intelligence. , 2015, , 133-142.		4

#	ARTICLE	IF	CITATIONS
37	An event driven neural network system for evaluating public moods from online users' comments. , 2014, , .		3
38	Swarm Intelligence: Today and Tomorrow. , 2016, , .		3
39	On-Road Directional Trajectory Prediction by Junction-Based Pattern Mining from GPS Data. , 2013, , .		2
40	Infinite Impulse Response System Identification Using an Improved Particle Swarm Optimization Algorithm. , 2015, , .		2
41	Solving the Permutation Flow Shop Problem with Firefly Algorithm. , 2014, , .		1
42	Optimized Spatial Clustering for Target Finding and Maximum Effects. , 2013, , .		0