Suash Deb

List of Publications by Year
in descending order

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42 papers	8,726 citations	279487 23 h-index	500791 28 g-index
42 all docs	42 docs citations	42 times ranked	5449 citing authors

#	Article	IF	Citations
1	Monarch butterfly optimization: A comprehensive review. Expert Systems With Applications, 2021, 168, 114418.	4.4	131
2	Monarch butterfly optimization. Neural Computing and Applications, 2019, 31, 1995-2014.	3.2	744
3	Attraction and diffusion in nature-inspired optimization algorithms. Neural Computing and Applications, 2019, 31, 1987-1994.	3.2	20
4	A new monarch butterfly optimization with an improved crossover operator. Operational Research, 2018, 18, 731-755.	1.3	58
5	Solving IIR system identification by a variant of particle swarm optimization. Neural Computing and Applications, 2018, 30, 685-698.	3.2	29
6	Swarm intelligence: past, present and future. Soft Computing, 2018, 22, 5923-5933.	2.1	87
7	Multi-species Cuckoo Search Algorithm for Global Optimization. Cognitive Computation, 2018, 10, 1085-1095.	3.6	34
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	Solving 0â€“1 knapsack problem by a novel binary monarch butterfly optimization. Neural Computing and Applications, 2017, 28, 1619-1634.	3.2	117
10	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
11	Cuckoo search: State-of-the-art and opportunities. , 2017, , .		12
12	Eidetic Wolf Search Algorithm with a global memory structure. European Journal of Operational Research, 2016, 254, 19-28.	3.5	10
13	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. International Journal of Bio-Inspired Computation, 2016, 8, 394.	0.6	251
14	Swarm Intelligence: Today and Tomorrow. , 2016, , .		3
15	A Multi-Stage Krill Herd Algorithm for Global Numerical Optimization. International Journal on Artificial Intelligence Tools, 2016, 25, 1550030.	0.7	48
16	Chaotic cuckoo search. Soft Computing, 2016, 20, 3349-3362.	2.1	190
17	A hybrid method based on krill herd and quantum-behaved particle swarm optimization. Neural Computing and Applications, 2016, 27, 989-1006.	3.2	123
18	Opposition-based krill herd algorithm with Cauchy mutation and position clamping. Neurocomputing, 2016, 177, 147-157.	3.5	148

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19	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
20	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. International Journal of Bio-Inspired Computation, 2016, 8, 394.	0.6	29
21	Infinitive Impulse Response System Identification Using an Improved Particle Swarm Optimization Algorithm. , 2015, , .		2
22	A Hybrid PBIL-Based Krill Herd Algorithm. , 2015, , .		7
23	A Novel Monarch Butterfly Optimization with Greedy Strategy and Self-Adaptive. , 2015, , .		29
24	Elephant Herding Optimization. , 2015, , .		400
25	A heuristic optimization method inspired by wolf preying behavior. Neural Computing and Applications, 2015, 26, 1725-1738.	3.2	43
26	Earthworm optimization algorithm: a bio-inspired metaheuristic algorithm for global optimization problems. International Journal of Bio-Inspired Computation, 2015, 1, 1.	0.6	122
27	Cuckoo Search for Optimization and Computational Intelligence. , 2015, , 133-142.		4
28	Towards Enhancement of Performance of K-Means Clustering Using Nature-Inspired Optimization Algorithms. Scientific World Journal, The, 2014, 2014, 1-16.	0.8	25
29	Solving the Permutation Flow Shop Problem with Firefly Algorithm. , 2014, , .		1
30	An event driven neural network system for evaluating public moods from online users' comments. , 2014, , .		3
31	Cuckoo search: recent advances and applications. Neural Computing and Applications, 2014, 24, 169-174.	3.2	791
32	Design optimization of truss structures using cuckoo search algorithm. Structural Design of Tall and Special Buildings, 2013, 22, 1330-1349.	0.9	132
33	Eagle strategy with flower algorithm. , 2013, , .		11
34	Multiobjective cuckoo search for design optimization. Computers and Operations Research, 2013, 40, 1616-1624.	2.4	710
35	A framework for self-tuning optimization algorithm. Neural Computing and Applications, 2013, 23, 2051-2057.	3.2	72
36	On-Road Directional Trajectory Prediction by Junction-Based Pattern Mining from GPS Data. , 2013, , .		2

#	Article	IF	Citations
37	Selecting Optimal Feature Set in High-Dimensional Data by Swarm Search. Journal of Applied Mathematics, 2013, 2013, 1-18.	0.4	17
38	Swarm Search for Feature Selection in Classification. , 2013, , .		23
39	Optimized Spatial Clustering for Target Finding and Maximum Effects. , 2013, , .		0
40	Coupled eagle strategy and differential evolution for unconstrained and constrained global optimization. Computers and Mathematics With Applications, 2012, 63, 191-200.	1.4	124
41	Eagle Strategy Using LÃ©vy Walk and Firefly Algorithms for Stochastic Optimization. Studies in Computational Intelligence, 2010, , 101-111.	0.7	145
42	Cuckoo Search via Lévy flights. , 2009, , .		3,799