

Suash Deb

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.

40
papers

6,001
citations

23
h-index

42
g-index

42
ext. papers

7,354
ext. citations

3.4
avg, IF

6.68
L-index

#	Paper	IF	Citations
40	Cuckoo Search via Levy flights 2009 ,		2495
39	Cuckoo search: recent advances and applications. <i>Neural Computing and Applications</i> , 2014 , 24, 169-174	4.8	585
38	Multiobjective cuckoo search for design optimization. <i>Computers and Operations Research</i> , 2013 , 40, 1616-1624	4.6	524
37	Monarch butterfly optimization. <i>Neural Computing and Applications</i> , 2019 , 31, 1995-2014	4.8	442
36	Elephant Herding Optimization 2015 ,		262
35	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. <i>International Journal of Bio-Inspired Computation</i> , 2016 , 8, 394	2.9	194
34	Chaotic cuckoo search. <i>Soft Computing</i> , 2016 , 20, 3349-3362	3.5	153
33	Opposition-based krill herd algorithm with Cauchy mutation and position clamping. <i>Neurocomputing</i> , 2016 , 177, 147-157	5.4	120
32	Eagle Strategy Using Levy Walk and Firefly Algorithms for Stochastic Optimization. <i>Studies in Computational Intelligence</i> , 2010 , 101-111	0.8	108
31	Design optimization of truss structures using cuckoo search algorithm. <i>Structural Design of Tall and Special Buildings</i> , 2013 , 22, 1330-1349	1.8	103
30	Earthworm optimization algorithm: a bio-inspired metaheuristic algorithm for global optimization problems. <i>International Journal of Bio-Inspired Computation</i> , 2015 , 1, 1	2.9	102
29	Coupled eagle strategy and differential evolution for unconstrained and constrained global optimization. <i>Computers and Mathematics With Applications</i> , 2012 , 63, 191-200	2.7	100
28	Solving 0/1 knapsack problem by a novel binary monarch butterfly optimization. <i>Neural Computing and Applications</i> , 2017 , 28, 1619-1634	4.8	98
27	An improved NSGA-III algorithm with adaptive mutation operator for Big Data optimization problems. <i>Future Generation Computer Systems</i> , 2018 , 88, 571-585	7.5	96
26	A hybrid method based on krill herd and quantum-behaved particle swarm optimization. <i>Neural Computing and Applications</i> , 2016 , 27, 989-1006	4.8	94
25	Monarch butterfly optimization: A comprehensive review. <i>Expert Systems With Applications</i> , 2021 , 168, 114418	7.8	67
24	A framework for self-tuning optimization algorithm. <i>Neural Computing and Applications</i> , 2013 , 23, 2051-2057	4.57	64

23	Swarm intelligence: past, present and future. <i>Soft Computing</i> , 2018 , 22, 5923-5933	3.5	54
22	A novel fruit fly framework for multi-objective shape design of tubular linear synchronous motor. <i>Journal of Supercomputing</i> , 2017 , 73, 1235-1256	2.5	52
21	A new monarch butterfly optimization with an improved crossover operator. <i>Operational Research</i> , 2018 , 18, 731-755	1.6	41
20	A Multi-Stage Krill Herd Algorithm for Global Numerical Optimization. <i>International Journal on Artificial Intelligence Tools</i> , 2016 , 25, 1550030	0.9	39
19	A heuristic optimization method inspired by wolf preying behavior. <i>Neural Computing and Applications</i> , 2015 , 26, 1725-1738	4.8	28
18	Multi-species Cuckoo Search Algorithm for Global Optimization. <i>Cognitive Computation</i> , 2018 , 10, 1085-1095	1.9	25
17	Solving IIR system identification by a variant of particle swarm optimization. <i>Neural Computing and Applications</i> , 2018 , 30, 685-698	4.8	18
16	A Novel Monarch Butterfly Optimization with Greedy Strategy and Self-Adaptive 2015 ,		18
15	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. <i>International Journal of Bio-Inspired Computation</i> , 2016 , 8, 394	2.9	18
14	Towards enhancement of performance of K-means clustering using nature-inspired optimization algorithms. <i>Scientific World Journal, The</i> , 2014 , 2014, 564829	2.2	16
13	Swarm Search for Feature Selection in Classification 2013 ,		16
12	Selecting Optimal Feature Set in High-Dimensional Data by Swarm Search. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-18	1.1	13
11	Attraction and diffusion in nature-inspired optimization algorithms. <i>Neural Computing and Applications</i> , 2019 , 31, 1987-1994	4.8	13
10	Eidetic Wolf Search Algorithm with a global memory structure. <i>European Journal of Operational Research</i> , 2016 , 254, 19-28	5.6	9
9	A Hybrid PBIL-Based Krill Herd Algorithm 2015 ,		7
8	Eagle strategy with flower algorithm 2013 ,		5
7	Cuckoo search: State-of-the-art and opportunities 2017 ,		5
6	A Discrete Krill Herd Method with Multilayer Coding Strategy for Flexible Job-Shop Scheduling Problem. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 201-215	0.4	4

5	Cuckoo Search for Optimization and Computational Intelligence 2015 , 133-142	4
4	Swarm Intelligence: Today and Tomorrow 2016 ,	3
3	An event driven neural network system for evaluating public moods from online usersbcomments 2014 ,	2
2	On-Road Directional Trajectory Prediction by Junction-Based Pattern Mining from GPS Data 2013 ,	2
1	Infinite Impulse Response System Identification Using an Improved Particle Swarm Optimization Algorithm 2015 ,	1