Suash Deb

List of Publications by Year in Descending Order

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	Monarch butterfly optimization: A comprehensive review. *Expert Systems With Applications*, **2021**, 168, 114418	7.8	67
39	Monarch butterfly optimization. *Neural Computing and Applications*, **2019**, 31, 1995-2014	4.8	442
38	Attraction and diffusion in nature-inspired optimization algorithms. *Neural Computing and Applications*, **2019**, 31, 1987-1994	4.8	13
37	A new monarch butterfly optimization with an improved crossover operator. *Operational Research*, **2018**, 18, 731-755	1.6	41
36	Solving IIR system identification by a variant of particle swarm optimization. *Neural Computing and Applications*, **2018**, 30, 685-698	4.8	18
35	Swarm intelligence: past, present and future. *Soft Computing*, **2018**, 22, 5923-5933	3.5	54
34	Multi-species Cuckoo Search Algorithm for Global Optimization. *Cognitive Computation*, **2018**, 10, 1085-1095	4.4	25
33	An improved NSGA-III algorithm with adaptive mutation operator for Big Data optimization problems. *Future Generation Computer Systems*, **2018**, 88, 571-585	7.5	96
32	Solving 0□1 knapsack problem by a novel binary monarch butterfly optimization. *Neural Computing and Applications*, **2017**, 28, 1619-1634	4.8	98
31	A novel fruit fly framework for multi-objective shape design of tubular linear synchronous motor. *Journal of Supercomputing*, **2017**, 73, 1235-1256	2.5	52
30	Cuckoo search: State-of-the-art and opportunities **2017**,		5
29	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. *International Journal of Bio-Inspired Computation*, **2016**, 8, 394	2.9	194
28	Swarm Intelligence: Today and Tomorrow **2016**,		3
27	A Multi-Stage Krill Herd Algorithm for Global Numerical Optimization. *International Journal on Artificial Intelligence Tools*, **2016**, 25, 1550030	0.9	39
26	Chaotic cuckoo search. *Soft Computing*, **2016**, 20, 3349-3362	3.5	153
25	A hybrid method based on krill herd and quantum-behaved particle swarm optimization. *Neural Computing and Applications*, **2016**, 27, 989-1006	4.8	94
24	Opposition-based krill herd algorithm with Cauchy mutation and position clamping. *Neurocomputing*, **2016**, 177, 147-157	5.4	120

23	A Discrete Krill Herd Method with Multilayer Coding Strategy for Flexible Job-Shop Scheduling Problem. *Advances in Intelligent Systems and Computing*, **2016**, 201-215	0.4	4
22	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. *International Journal of Bio-Inspired Computation*, **2016**, 8, 394	2.9	18
21	Eidetic Wolf Search Algorithm with a global memory structure. *European Journal of Operational Research*, **2016**, 254, 19-28	5.6	9
20	Infinitive Impulse Response System Identification Using an Improved Particle Swarm Optimization Algorithm **2015**,		1
19	A Hybrid PBIL-Based Krill Herd Algorithm **2015**,		7
18	A Novel Monarch Butterfly Optimization with Greedy Strategy and Self-Adaptive **2015**,		18
17	Elephant Herding Optimization **2015**,		262
16	A heuristic optimization method inspired by wolf preying behavior. *Neural Computing and Applications*, **2015**, 26, 1725-1738	4.8	28
15	Earthworm optimization algorithm: a bio-inspired metaheuristic algorithm for global optimization problems. *International Journal of Bio-Inspired Computation*, **2015**, 1, 1	2.9	102
14	Cuckoo Search for Optimization and Computational Intelligence **2015**, 133-142		4
13	An event driven neural network system for evaluating public moods from online usersbcomments **2014**,		2
12	Cuckoo search: recent advances and applications. *Neural Computing and Applications*, **2014**, 24, 169-174	4.8	585
11	Towards enhancement of performance of K-means clustering using nature-inspired optimization algorithms. *Scientific World Journal, The*, **2014**, 2014, 564829	2.2	16
10	Design optimization of truss structures using cuckoo search algorithm. *Structural Design of Tall and Special Buildings*, **2013**, 22, 1330-1349	1.8	103
9	Eagle strategy with flower algorithm **2013**,		5
8	Multiobjective cuckoo search for design optimization. *Computers and Operations Research*, **2013**, 40, 1616-1624	4.6	524
7	A framework for self-tuning optimization algorithm. *Neural Computing and Applications*, **2013**, 23, 2051-2057	4.8	64
6	On-Road Directional Trajectory Prediction by Junction-Based Pattern Mining from GPS Data **2013**,		2

5	Selecting Optimal Feature Set in High-Dimensional Data by Swarm Search. *Journal of Applied Mathematics*, **2013**, 2013, 1-18	1.1	13
4	Swarm Search for Feature Selection in Classification **2013**,		16
3	Coupled eagle strategy and differential evolution for unconstrained and constrained global optimization. *Computers and Mathematics With Applications*, **2012**, 63, 191-200	2.7	100
2	Eagle Strategy Using Lévy Walk and Firefly Algorithms for Stochastic Optimization. *Studies in Computational Intelligence*, **2010**, 101-111	0.8	108
1	Cuckoo Search via Lévy flights **2009**,		2495