Shubham Gupta

List of Publications by Year
in descending order

27 papers	1,726 citations	411340 20 h-index	563245 28 g-index
28 all docs	28 docs citations	28 times ranked	1264 citing authors

#	Article	IF	Citations
1	Enhanced harmony search algorithm with non-linear control parameters for global optimization and engineering design problems. Engineering With Computers, 2022, 38, 3539-3562.	3.5	6
2	Predicting permeability of tight carbonates using a hybrid machine learning approach of modified equilibrium optimizer and extreme learning machine. Acta Geotechnica, 2022, 17, 1239-1255.	2.9	41
3	A novel integrated approach of ELM and modified equilibrium optimizer for predicting soil compression index of subgrade layer of Dedicated Freight Corridor. Transportation Geotechnics, 2022, 32, 100678.	2.0	24
4	Urban traffic light scheduling for pedestrian–vehicle mixed-flow networks using discrete sine–cosine algorithm and its variants. Applied Soft Computing Journal, 2022, 120, 108656.	4.1	6
5	Enhanced sine cosine algorithm with crossover: A comparative study and empirical analysis. Expert Systems With Applications, 2022, 198, 116856.	4.4	5
6	An efficient differential evolution with fitness-based dynamic mutation strategy and control parameters. Knowledge-Based Systems, 2022, 251, 109280.	4.0	20
7	Sine cosine grey wolf optimizer to solve engineering design problems. Engineering With Computers, 2021, 37, 3123-3149.	3.5	57
8	Harmonized salp chain-built optimization. Engineering With Computers, 2021, 37, 1049-1079.	3.5	53
9	Enhanced leadership-inspired grey wolf optimizer for global optimization problems. Engineering With Computers, 2020, 36, 1777-1800.	3.5	50
10	Hybrid sine cosine artificial bee colony algorithm for global optimization and image segmentation. Neural Computing and Applications, 2020, 32, 9521-9543.	3.2	45
11	Optimal Coordination of Overcurrent Relays Using Improved Leadership-Based Grey Wolf Optimizer. Arabian Journal for Science and Engineering, 2020, 45, 2081-2091.	1.7	17
12	A novel hybrid sine cosine algorithm for global optimization and its application to train multilayer perceptrons. Applied Intelligence, 2020, 50, 993-1026.	3.3	60
13	An efficient equilibrium optimizer with mutation strategy for numerical optimization. Applied Soft Computing Journal, 2020, 96, 106542.	4.1	73
14	Opposition-based learning Harris hawks optimization with advanced transition rules: principles and analysis. Expert Systems With Applications, 2020, 158, 113510.	4.4	85
15	A memory guided sine cosine algorithm for global optimization. Engineering Applications of Artificial Intelligence, 2020, 93, 103718.	4.3	74
16	A memory-based Grey Wolf Optimizer for global optimization tasks. Applied Soft Computing Journal, 2020, 93, 106367.	4.1	115
17	A modified Sine Cosine Algorithm with novel transition parameter and mutation operator for global optimization. Expert Systems With Applications, 2020, 154, 113395.	4.4	97
18	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. Expert Systems With Applications, 2020, 152, 113396.	4.4	90

#	Article	IF	Citations
19	Reliabilityâ€"Redundancy Allocation Using Random Walk Gray Wolf Optimizer. Advances in Intelligent Systems and Computing, 2020, , 941-959.	0.5	11
20	An Efficient Grey Wolf Optimizer with Opposition-Based Learning and Chaotic Local Search for Integer and Mixed-Integer Optimization Problems. Arabian Journal for Science and Engineering, 2019, 44, 7277-7296.	1.7	22
21	Improved sine cosine algorithm with crossover scheme for global optimization. Knowledge-Based Systems, 2019, 165, 374-406.	4.0	147
22	An opposition-based chaotic Grey Wolf Optimizer for global optimisation tasks. Journal of Experimental and Theoretical Artificial Intelligence, 2019, 31, 751-779.	1.8	39
23	A hybrid self-adaptive sine cosine algorithm with opposition based learning. Expert Systems With Applications, 2019, 119, 210-230.	4.4	221
24	A novel Random Walk Grey Wolf Optimizer. Swarm and Evolutionary Computation, 2019, 44, 101-112.	4.5	286
25	Improved Grey Wolf Optimizer Based on Opposition-Based Learning. Advances in Intelligent Systems and Computing, 2019, , 327-338.	0.5	2
26	Random walk grey wolf optimizer for constrained engineering optimization problems. Computational Intelligence, 2018, 34, 1025-1045.	2.1	29
27	Cauchy Grey Wolf Optimiser for continuous optimisation problems. Journal of Experimental and Theoretical Artificial Intelligence, 2018, 30, 1051-1075.	1.8	33