Songbai Liu

List of Publications by Year
in descending order

14 papers	518 citations	759233 12 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	374 citing authors

#	Article	IF	Citations
1	Evolutionary Large-Scale Multiobjective Optimization: Benchmarks and Algorithms. IEEE Transactions on Evolutionary Computation, 2023, 27, 401-415.	10.0	16
2	Learning to Accelerate Evolutionary Search for Large-Scale Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 67-81.	10.0	16
3	Evolutionary Multitasking for Large-Scale Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 863-877.	10.0	11
4	A Fuzzy Decomposition-Based Multi/Many-Objective Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2022, 52, 3495-3509.	9.5	22
5	A Variable Importance-Based Differential Evolution for Large-Scale Multiobjective Optimization. IEEE Transactions on Cybernetics, 2022, 52, 13048-13062.	9.5	18
6	A Self-Guided Reference Vector Strategy for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2022, 52, 1164-1178.	9.5	25
7	A Comprehensive Competitive Swarm Optimizer for Large-Scale Multiobjective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5829-5842.	9.3	19
8	Evolutionary multi and many-objective optimization via clustering for environmental selection. Information Sciences, 2021, 578, 930-949.	6.9	17
9	An adaptive clustering-based evolutionary algorithm for many-objective optimization problems. Information Sciences, 2020, 537, 261-283.	6.9	27
10	A Clustering-Based Evolutionary Algorithm for Many-Objective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2019, 23, 391-405.	10.0	91
11	A novel multi-objective immune algorithm with a decomposition-based clonal selection. Applied Soft Computing Journal, 2019, 81, 105490.	7.2	28
12	A novel multi-objective evolutionary algorithm with dynamic decomposition strategy. Swarm and Evolutionary Computation, 2019, 48, 182-200.	8.1	26
13	Particle Swarm Optimization With a Balanceable Fitness Estimation for Many-Objective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2018, 22, 32-46.	10.0	202
14	A Novel Multi-objective Evolutionary Algorithm Based on a Further Decomposition Strategy. , 2017, , .		0