

# Songbai Liu

## List of Publications by Year in descending order

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