

# Yuan Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

617  
citations

1307366

7  
h-index

1281743

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Algorithm selection for black-box continuous optimization problems: A survey on methods and challenges. Information Sciences, 2015, 317, 224-245.	4.0	150
2	A Recursive Decomposition Method for Large Scale Continuous Optimization. IEEE Transactions on Evolutionary Computation, 2018, 22, 647-661.	7.5	139
3	Extended Differential Grouping for Large Scale Global Optimization with Direct and Indirect Variable Interactions. , 2015, , .		93
4	Decomposition for Large-scale Optimization Problems with Overlapping Components. , 2019, , .		50
5	Adaptive threshold parameter estimation with recursive differential grouping for problem decomposition. , 2018, , .		39
6	Quantifying Variable Interactions in Continuous Optimization Problems. IEEE Transactions on Evolutionary Computation, 2017, 21, 249-264.	7.5	38
7	Generalization of machine learning for problem reduction: a case study on travelling salesman problems. OR Spectrum, 2021, 43, 607-633.	2.1	15
8	On the efficiency of K-means clustering. Proceedings of the VLDB Endowment, 2020, 14, 163-175.	2.1	15
9	Using Statistical Measures and Machine Learning for Graph Reduction to Solve Maximum Weight Clique Problems. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1746-1760.	9.7	14
10	On the selection of fitness landscape analysis metrics for continuous optimization problems. , 2014, , .		12
11	Public Transport Planning. , 2021, , .		10
12	Cooperative co-evolution with online optimizer selection for large-scale optimization. , 2018, , .		9
13	Solving the maximum edge disjoint path problem using a modified Lagrangian particle swarm optimisation hybrid. European Journal of Operational Research, 2021, 293, 847-862.	3.5	9
14	Boosting ant colony optimization via solution prediction and machine learning. Computers and Operations Research, 2022, 143, 105769.	2.4	9
15	On the Selection of Decomposition Methods for Large Scale Fully Non-separable Problems. , 2015, , .		3
16	Learning Primal Heuristics for Mixed Integer Programs. , 2021, , .		3
17	An improved merge search algorithm for the constrained pit problem in open-pit mining. , 2019, , .		2
18	ENVirT: inference of ecological characteristics of viruses from metagenomic data. BMC Bioinformatics, 2019, 19, 377.	1.2	2

#	ARTICLE	IF	CITATIONS
19	A Memetic Cooperative Co-evolution Model for Large Scale Continuous Optimization. Lecture Notes in Computer Science, 2017, , 291-300.	1.0	2
20	Revisiting Probability Distribution Assumptions for Information Theoretic Feature Selection. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 5908-5915.	3.6	2
21	Instance space analysis for the car sequencing problem. Annals of Operations Research, 0, , .	2.6	1
22	Automatic decomposition of mixed integer programs for lagrangian relaxation using a multiobjective approach. , 2020, , .		0