Heike Trautmann

List of Publications by Year
in descending order

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30 papers	840 citations	759055 12 h-index	752573 20 g-index
32 all docs	32 docs citations	32 times ranked	572 citing authors

#	Article	IF	Citations
1	Automated Algorithm Selection: Survey and Perspectives. Evolutionary Computation, 2019, 27, 3-45.	2.3	219
2	Automated Algorithm Selection on Continuous Black-Box Problems by Combining Exploratory Landscape Analysis and Machine Learning. Evolutionary Computation, 2019, 27, 99-127.	2.3	102
3	Social Bots: Human-Like by Means of Human Control?. Big Data, 2017, 5, 279-293.	2.1	100
4	2 Indicator-Based Multiobjective Search. Evolutionary Computation, 2015, 23, 369-395.	2.3	70
5	Leveraging TSP Solver Complementarity through Machine Learning. Evolutionary Computation, 2018, 26, 597-620.	2.3	53
6	The R-Package FLACCO for exploratory landscape analysis with applications to multi-objective optimization problems. , 2016, , .		40
7	Optimal averaged Hausdorff archives for bi-objective problems: theoretical and numerical results. Computational Optimization and Applications, 2016, 64, 589-618.	0.9	40
8	Optimizing Data Stream Representation: An Extensive Survey on Stream Clustering Algorithms. Business and Information Systems Engineering, 2019, 61, 277-297.	4.0	40
9	Towards Analyzing Multimodality of Continuous Multiobjective Landscapes. Lecture Notes in Computer Science, 2016, , 962-972.	1.0	25
10	What is it about humanity that we canâ€™t give away to intelligent machines? A European perspective. International Journal of Information Management, 2021, 58, 102311.	10.5	21
11	Multimodality in Multi-objective Optimization â€“ More Boon than Bane?. Lecture Notes in Computer Science, 2019, , 126-138.	1.0	17
12	Peeking beyond peaks: Challenges and research potentials of continuous multimodal multi-objective optimization. Computers and Operations Research, 2021, 136, 105489.	2.4	16
13	The hypervolume based directed search method for multi-objective optimization problems. Journal of Heuristics, 2016, 22, 273-300.	1.1	14
14	Indicatorâ€based Selection in Evolutionary Multiobjective Optimization Algorithms Based On the Desirability Index. Journal of Multi-Criteria Decision Analysis, 2013, 20, 319-337.	1.0	12
15	Evenly spaced Pareto fronts of quad-objective problems using PSA partitioning technique. , 2013, , .		11
16	Sliding to the global optimum: How to benefit from non-global optima in multimodal multi-objective optimization. AIP Conference Proceedings, 2019, , .	0.3	9
17	Benchmarking Crisis in Social Media Analytics: A Solution for the Data-Sharing Problem. Social Science Computer Review, 2022, 40, 1496-1522.	2.6	9
18	Per-Instance Configuration of the Modularized CMA-ES by Means of Classifier Chains and Exploratory Landscape Analysis. , 2020, , .		9

#	Article	IF	Citations
19	A multi-objective perspective on performance assessment and automated selection of single-objective optimization algorithms. Applied Soft Computing Journal, 2020, 88, 105901.	4.1	7
20	Building an Integrated Comment Moderation System â€“ Towards aÂSemi-automatic Moderation Tool. Lecture Notes in Computer Science, 2020, , 71-86.	1.0	6
21	Multiobjectivization of Local Search: Single-Objective Optimization Benefits From Multi-Objective Gradient Descent. , 2020, , .		6
22	Reactive strategy choice in StarCraft by means of Fuzzy Control. , 2013, , .		4
23	Multi^{3}: Optimizing Multimodal Single-Objective Continuous Problems in the Multi-objective Space by Means of Multiobjectivization. Lecture Notes in Computer Science, 2021, , 311-322.	1.0	4
24	Anytime Behavior of Inexact TSP Solvers and Perspectives for Automated Algorithm Selection. , 2020, , .		2
25	Inside the Tool Set of Automation: Free Social Bot Code Revisited. Lecture Notes in Computer Science, 2020, , 101-114.	1.0	2
26	A Recommender System Based on Omni-Channel Customer Data. , 2019, , .		1
27	Automated Detection of Nostalgic Text in the Context of Societal Pessimism. Lecture Notes in Computer Science, 2020, , 48-58.	1.0	1
28	Towards Decision Support in Dynamic Bi-Objective Vehicle Routing. , 2020, , .		0
29	Enhancing Resilience of Deep Learning Networks By Means of Transferable Adversaries. , 2020, , .		0
30	Estimation of component reliability from superposed renewal processes by means of latent variables. Computational Statistics, 2022, 37, 355-379.	0.8	0