Thomas Weise

List of Publications by Year
in descending order

28	468	933447 10	888059 17
papers	citations	h-index	g-index

29	29	29	445
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical fusion and divergent activation based weakly supervised learning for object detection from remote sensing images. Information Fusion, 2022, 80, 23-43.	19.1	10
2	A novel approach to subgraph selection with multiple weights on arcs. Journal of Combinatorial Optimization, 2022, 44, 242-268.	1.3	3
3	Effectiveness evaluation of the coupled LIDs from the watershed scale based on remote sensing image processing and SWMM simulation. European Journal of Remote Sensing, 2021, 54, 77-91.	3.5	5
4	Frequency Fitness Assignment: Making Optimization Algorithms Invariant Under Bijective Transformations of the Objective Function Value. IEEE Transactions on Evolutionary Computation, 2021, 25, 307-319.	10.0	3
5	Solving job shop scheduling problems without using a bias for good solutions. , 2021, , .		3
6	Hierarchical object detection for very high-resolution satellite images. Applied Soft Computing Journal, 2021, 113, 107885.	7.2	8
7	Image Retrieval Using a Deep Attention-Based Hash. IEEE Access, 2020, 8, 142229-142242.	4.2	10
8	Convolutional Neural Network Based Weakly Supervised Learning for Aircraft Detection From Remote Sensing Image. IEEE Access, 2020, 8, 158097-158106.	4.2	21
9	A New Approach to Newton-Type Polynomial Interpolation with Parameters. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	1
10	Selecting a diverse set of benchmark instances from a tunable model problem for black-box discrete optimization algorithms. Applied Soft Computing Journal, 2020, 92, 106269.	7.2	11
11	An Improved Retrieval Method for Multi-Transaction Mode Consortium Blockchain. Electronics (Switzerland), 2020, 9, 296.	3.1	6
12	Energy-Efficient Load Balancing Ant Based Routing Algorithm for Wireless Sensor Networks. IEEE Access, 2019, 7, 113182-113196.	4.2	84
13	Implementation issues in optimization algorithms: do they matter?. Journal of Experimental and Theoretical Artificial Intelligence, 2019, 31, 533-554.	2.8	1
14	Virtual Network Function Placement for Service Function Chaining with Minimum Energy Consumption. , 2018, , .		7
15	Automatically discovering clusters of algorithm and problem instance behaviors as well as their causes from experimental data, algorithm setups, and instance features. Applied Soft Computing Journal, 2018, 73, 366-382.	7.2	13
16	Difficult features of combinatorial optimization problems and the tunable w-model benchmark problem for simulating them. , 2018, , .		19
17	Optimization algorithm behavior modeling: A study on the traveling salesman problem. , 2018, , .		3
18	From standardized data formats to standardized tools for optimization algorithm benchmarking. , 2017, , .		1

#	Article	IF	Citations
19	GPGPU-Based Parallel Algorithms for Scheduling Against Due Date. , 2016, , .		1
20	Global versus local search: the impact of population sizes on evolutionary algorithm performance. Journal of Global Optimization, 2016, 66, 511-534.	1.8	22
21	Fitness level based adaptive operator selection for cutting stock problems with contiguity. , 2014, , .		0
22	Common due-window problem: Polynomial algorithms for a given processing sequence. , 2014, , .		1
23	Evolving exact integer algorithms with Genetic Programming. , 2014, , .		5
24	Frequency Fitness Assignment. IEEE Transactions on Evolutionary Computation, 2014, 18, 226-243.	10.0	15
25	Benchmarking Optimization Algorithms: An Open Source Framework for the Traveling Salesman Problem. IEEE Computational Intelligence Magazine, 2014, 9, 40-52.	3.2	62
26	Evolutionary Optimization: Pitfalls and Booby Traps. Journal of Computer Science and Technology, 2012, 27, 907-936.	1.5	104
27	Evolving Distributed Algorithms With Genetic Programming. IEEE Transactions on Evolutionary Computation, 2012, 16, 242-265.	10.0	34
28	A tunable model for multi-objective, epistatic, rugged, and neutral fitness landscapes. , 2008, , .		15