

Michał Witold Przewoźniczek

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

187
citations

1162889

8
h-index

1125617

13
g-index

22
all docs

22
docs citations

22
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Objective parameter-less population pyramid for solving industrial process planning problems. Swarm and Evolutionary Computation, 2021, 60, 100773.	4.5	9
2	Empirical problem decomposition – the key to the evolutionary effectiveness in solving a large-scale non-binary discrete real-world problem. Applied Soft Computing Journal, 2021, 113, 107864.	4.1	4
3	Scalable distributed evolutionary algorithm orchestration using Docker containers. Journal of Computational Science, 2020, 40, 101069.	1.5	12
4	Splitting the fitness and penalty factor for temporal diversity increase in practical problem solving. Expert Systems With Applications, 2020, 145, 113126.	4.4	2
5	Metaheuristic algorithms with solution encoding mixing for effective optimization of SDM optical networks. Engineering Applications of Artificial Intelligence, 2020, 95, 103843.	4.3	3
6	Subpopulation initialization driven by linkage learning for dealing with the Long-Way-To-Stuck effect. Information Sciences, 2020, 521, 62-80.	4.0	6
7	Empirical Linkage Learning. IEEE Transactions on Evolutionary Computation, 2020, 24, 1097-1111.	7.5	23
8	Cloud-based dynamic distributed optimisation of integrated process planning and scheduling in smart factories. , 2019, , .		7
9	Universal strategy of dynamic subpopulation number management in practical network optimization problems. Applied Soft Computing Journal, 2019, 82, 105592.	4.1	2
10	The transformation of the k-Shortest Steiner trees search problem into binary dynamic problem for effective evolutionary methods application. Information Sciences, 2019, 479, 1-19.	4.0	8
11	Cloud-Based Integrated Process Planning and Scheduling Optimisation via Asynchronous Islands. Lecture Notes in Computer Science, 2019, , 247-259.	1.0	1
12	The Effectiveness of the Simplicity in Evolutionary Computation. Lecture Notes in Computer Science, 2017, , 392-402.	1.0	1
13	Problem Encoding Allowing Cheap Fitness Computation of Mutated Individuals. , 2017, , .		6
14	The evolutionary cost of Baldwin effect in the routing and spectrum allocation problem in elastic optical networks. Applied Soft Computing Journal, 2017, 52, 843-862.	4.1	13
15	Dynamic Subpopulation Number Control for Solving Routing and Spectrum Allocation Problems in Elastic Optical Networks. , 2016, , .		4
16	Active Multi-Population Pattern Searching Algorithm for flow optimization in computer networks – The novel coevolution schema combined with linkage learning. Information Sciences, 2016, 355-356, 15-36.	4.0	19
17	Linked Genes Migration in Island Models. , 2016, , .		2
18	Towards Finding an Effective Uniform and Single Point Crossover Balance for Optimization of Elastic Optical Networks. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Multi Population Pattern Searching Algorithm for Solving Routing Spectrum Allocation with Joint Unicast and Anycast Problem in Elastic Optical Networks. Lecture Notes in Computer Science, 2015, , 328-339.	1.0	3
20	Towards Finding an Effective Way of Discrete Problems Solving: The Particle Swarm Optimization, Genetic Algorithm and Linkage Learning Techniques Hybridization. , 2015, , .		3
21	Multi Population Pattern Searching Algorithm: A New Evolutionary Method Based on the Idea of Messy Genetic Algorithm. IEEE Transactions on Evolutionary Computation, 2011, 15, 715-734.	7.5	38
22	Optimizing distributed computing systems for k-nearest neighbours classifiers--evolutionary approach. Logic Journal of the IGPL, 2011, 19, 357-372.	1.3	17