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List of Publications by Year in descending order

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225
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthogonal Learning Firefly Algorithm. Logic Journal of the IGPL, 2021, 29, 167-179.	1.3	1
2	Explaining SOMA. , 2021, , .		3
3	SOMA-CLP for competition on bound constrained single objective numerical optimization benchmark. , 2021, , .		6
4	Self-organizing migrating algorithm with clustering-aided migration and adaptive perturbation vector control. , 2021, , .		4
5	On Modifications Towards Improvement of the Exploitation Phase for SOMA Algorithm with Clustering-aided Migration and Adaptive Perturbation Vector Control. , 2021, , .		1
6	Relation of Neighborhood Size and Diversity Loss Rate in Particle Swarm Optimization With Ring Topology. Mendel, 2021, 27, 74-79.	0.5	4
7	On the common population diversity measures in metaheuristics and their limitations. , 2021, , .		2
8	Extended experimental study on PSO with partial population restart based on complex network analysis. Logic Journal of the IGPL, 2020, 28, 211-225.	1.3	0
9	A Lightweight SHADE-Based Algorithm for Global Optimization - liteSHADE. Lecture Notes in Electrical Engineering, 2020, , 197-206.	0.3	0
10	Chaos-enhanced multiple-choice strategy for particle swarm optimisation. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 603-616.	0.7	2
11	DISH-XX Solving CEC2020 Single Objective Bound Constrained Numerical optimization Benchmark. , 2020, , .		4
12	Self-organizing migrating algorithm with clustering-aided migration. , 2020, , .		12
13	SOMA-CL for competition on single objective bound constrained numerical optimization benchmark. , 2020, , .		6
14	Introducing the Run Support Strategy for the Bison Algorithm. Lecture Notes in Electrical Engineering, 2020, , 272-282.	0.3	3
15	Boundary Strategies for Self-organizing Migrating Algorithm Analyzed Using CEC™17 Benchmark. Communications in Computer and Information Science, 2020, , 58-69.	0.4	1
16	Insight into Adaptive Differential Evolution Variants with Unconventional Randomization Schemes. Communications in Computer and Information Science, 2020, , 177-188.	0.4	1
17	Is Chaotic Randomization Advantageous for Higher Dimensional Optimization Problems?. Lecture Notes in Computer Science, 2020, , 423-434.	1.0	1
18	Ensemble of strategies and perturbation parameter based SOMA for optimal stabilization of chaotic oscillations. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Introducing Self-Adaptive Parameters to Self-organizing Migrating Algorithm. , 2019, , .		1
20	Evolutionary Algorithms Applied to a Shielding Enclosure Design. Lecture Notes in Computer Science, 2019, , 445-455.	1.0	1
21	Ensemble of Strategies and Perturbation Parameter Based SOMA for Constrained Technological Design Optimization Problem. , 2019, , .		1
22	The Ensemble of Strategies and Perturbation Parameter in Self-organizing Migrating Algorithm Solving CEC 2019 100-Digit Challenge. , 2019, , .		8
23	DISH Algorithm Solving the CEC 2019 100-Digit Challenge. , 2019, , .		8
24	Population Diversity Analysis in Adaptive Differential Evolution Variants with Unconventional Randomization Schemes. Lecture Notes in Computer Science, 2019, , 506-518.	1.0	3
25	On the Design of a Front-face Grid for Shielding Enclosure Using Evolutionary Computations. , 2019, , .		3
26	Distance based parameter adaptation for Success-History based Differential Evolution. Swarm and Evolutionary Computation, 2019, 50, 100462.	4.5	91
27	Towards Human Cell Simulation. Lecture Notes in Computer Science, 2019, , 221-249.	1.0	6
28	Distance vs. Improvement Based Parameter Adaptation in SHADE. Advances in Intelligent Systems and Computing, 2019, , 455-464.	0.5	0
29	On the Applicability of Random and the Best Solution Driven Metaheuristics for Analytic Programming and Time Series Regression. Advances in Intelligent Systems and Computing, 2019, , 489-498.	0.5	0
30	Enhanced Archive for SHADE. Advances in Intelligent Systems and Computing, 2019, , 40-55.	0.5	0
31	Randomization of Individuals Selection in Differential Evolution. Advances in Intelligent Systems and Computing, 2019, , 180-191.	0.5	1
32	Analyzing Control Parameters in DISH. Lecture Notes in Computer Science, 2019, , 519-529.	1.0	0
33	Modified progressive random walk with chaotic PRNG. International Journal of Parallel, Emergent and Distributed Systems, 2018, 33, 450-459.	0.7	5
34	A Review of Real-World Applications of Particle Swarm Optimization Algorithm. Lecture Notes in Electrical Engineering, 2018, , 115-122.	0.3	12
35	Differential Evolution for Constrained Industrial Optimization. Lecture Notes in Electrical Engineering, 2018, , 123-132.	0.3	1
36	Firefly Algorithm: Enhanced Version with Partial Population Restart Using Complex Network Analysis. Lecture Notes in Electrical Engineering, 2018, , 59-68.	0.3	0

#	ARTICLE	IF	CITATIONS
37	L-SHADE Algorithm with Distance Based Parameter Adaptation. Lecture Notes in Electrical Engineering, 2018, , 69-80.	0.3	2
38	Why Simple Population Restart Does Not Work in PSO. , 2018, , .		2
39	On the Population Diversity for the Chaotic Differential Evolution. , 2018, , .		7
40	On the Performance Significance of Boundary Strategies for Firefly Algorithm. , 2018, , .		0
41	Chaos Driven PSO with Attractive Search Space Border Points. , 2018, , .		4
42	Cluster Occurrence in the DbL_SHADE Population. , 2018, , .		1
43	Differential Evolution and Chaotic Series. , 2018, , .		4
44	Comparing Boundary Control Methods for Firefly Algorithm. Lecture Notes in Computer Science, 2018, , 163-173.	1.0	2
45	How Distance Based Parameter Adaptation Affects Population Diversity. Lecture Notes in Computer Science, 2018, , 307-319.	1.0	0
46	Multi-swarm Optimization Algorithm Based on Firefly and Particle Swarm Optimization Techniques. Lecture Notes in Computer Science, 2018, , 405-416.	1.0	6
47	Population Diversity Analysis for the Chaotic Based Selection of Individuals in Differential Evolution. Lecture Notes in Computer Science, 2018, , 283-294.	1.0	1
48	Particle Swarm Optimization with Single Particle Repulsivity for Multi-modal Optimization. Lecture Notes in Computer Science, 2018, , 486-494.	1.0	1
49	Enclosure shielding effectiveness calculation using SHADE algorithm. , 2018, , .		5
50	Addressing Premature Convergence with Distance based Parameter Adaptation in SHADE. , 2018, , .		0
51	How Unconventional Chaotic Pseudo-Random Generators Influence Population Diversity in Differential Evolution. Lecture Notes in Computer Science, 2018, , 524-535.	1.0	4
52	Orthogonal Learning Firefly Algorithm. Lecture Notes in Computer Science, 2018, , 315-326.	1.0	0
53	Towards Better Population Sizing for Differential Evolution Through Active Population Analysis with Complex Network. Advances in Intelligent Systems and Computing, 2018, , 225-235.	0.5	4
54	Complex Networks in Particle Swarm. Emergence, Complexity and Computation, 2018, , 145-159.	0.2	0

#	ARTICLE	IF	CITATIONS
55	On the Prolonged Exploration of Distance Based Parameter Adaptation in SHADE. Lecture Notes in Computer Science, 2018, , 561-571.	1.0	0
56	Boundary Strategies For Firefly Algorithm Analysed Using CEC 17 Benchmark. , 2018, , .		2
57	Clustering Analysis of the Population in Db_SHADE Algorithm. Mendel, 2018, 24, 9-16.	0.5	0
58	Differential Evolution and Deterministic Chaotic Series: A Detailed Study. Mendel, 2018, 24, .	0.5	6
59	Particle Swarm Optimization with Distance Based Repulsivity. Mendel, 2018, 24, .	0.5	0
60	ARPSO and fl-PSO on CEC 15 benchmark â€“ Comparative study. AIP Conference Proceedings, 2017, , .	0.3	0
61	SHADE Algorithm Dynamic Analyzed Through Complex Network. Lecture Notes in Computer Science, 2017, , 666-677.	1.0	0
62	Distance based parameter adaptation for differential evolution. , 2017, , .		14
63	Exploring the shortest path in PSO communication network. , 2017, , .		4
64	Partial population restart of firefly algorithm using complex network analysis. , 2017, , .		1
65	How chaotic sequences and generator sequencing affect the particle trajectory in PSO. , 2017, , .		0
66	Performance comparison of differential evolution driving analytic programming for regression. , 2017, , .		1
67	Comparing Border Strategies for Roaming Particles on Single and Multi-swarm PSO. Advances in Intelligent Systems and Computing, 2017, , 528-536.	0.5	4
68	On the Randomization of Indices Selection for Differential Evolution. Advances in Intelligent Systems and Computing, 2017, , 537-547.	0.5	2
69	Comparing Strategies for Search Space Boundaries Violation in PSO. Lecture Notes in Computer Science, 2017, , 655-664.	1.0	4
70	Archive Analysis in SHADE. Lecture Notes in Computer Science, 2017, , 688-699.	1.0	2
71	Hypersphere Universe Boundary Method Comparison on HCLPSO and PSO. Lecture Notes in Computer Science, 2017, , 173-182.	1.0	1
72	PSO with Partial Population Restart Based on Complex Network Analysis. Lecture Notes in Computer Science, 2017, , 183-192.	1.0	11

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73	Uncovering Communication Density In PSO Using Complex Network. , 2017, , .		3
74	PSO with Attractive Search Space Border Points. Lecture Notes in Computer Science, 2017, , 665-675.	1.0	2
75	Hybridization of Analytic Programming and Differential Evolution for Time Series Prediction. Lecture Notes in Computer Science, 2017, , 686-698.	1.0	1
76	Differential Evolution Driven Analytic Programming for Prediction. Lecture Notes in Computer Science, 2017, , 676-687.	1.0	2
77	Detecting Potential Design Weaknesses in SHADE Through Network Feature Analysis. Lecture Notes in Computer Science, 2017, , 662-673.	1.0	1
78	The Influence of Archive Size to SHADE. Advances in Intelligent Systems and Computing, 2017, , 517-527.	0.5	0
79	SHADE Mutation Strategy Analysis Via Dynamic Simulation In Complex Network. , 2017, , .		0
80	Firework Algorithm Dynamics Simulated And Analyzed With The Aid Of Complex Network. , 2017, , .		3
81	Comparing selected PSO modifications on CEC 15 benchmark set. , 2016, , .		2
82	Analysing knowledge transfer in SHADE via complex network. Logic Journal of the IGPL, 0, , .	1.3	0