

Toms Kadav

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3995668/tomas-kadavy-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69

papers

172

citations

5

h-index

11

g-index

84

ext. papers

230

ext. citations

0.8

avg, IF

3.39

L-index

#	Paper	IF	Citations
69	Distance based parameter adaptation for Success-History based Differential Evolution. <i>Swarm and Evolutionary Computation</i> , 2019 , 50, 100462	9.8	55
68	Distance based parameter adaptation for differential evolution 2017 ,		10
67	PSO with Partial Population Restart Based on Complex Network Analysis. <i>Lecture Notes in Computer Science</i> , 2017 , 183-192	0.9	6
66	A Review of Real-World Applications of Particle Swarm Optimization Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 115-122	0.2	6
65	Self-organizing migrating algorithm with clustering-aided migration 2020 ,		5
64	On the Population Diversity for the Chaotic Differential Evolution 2018 ,		5
63	The Ensemble of Strategies and Perturbation Parameter in Self-organizing Migrating Algorithm Solving CEC 2019 100-Digit Challenge 2019 ,		4
62	Differential Evolution and Chaotic Series 2018 ,		4
61	DISH Algorithm Solving the CEC 2019 100-Digit Challenge 2019 ,		3
60	How Unconventional Chaotic Pseudo-Random Generators Influence Population Diversity in Differential Evolution. <i>Lecture Notes in Computer Science</i> , 2018 , 524-535	0.9	3
59	Firefly Algorithm Enhanced by Orthogonal Learning. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 477-488	0.4	3
58	Exploring the shortest path in PSO communication network 2017 ,		3
57	SOMA-CL for competition on single objective bound constrained numerical optimization benchmark 2020 ,		3
56	Towards Human Cell Simulation. <i>Lecture Notes in Computer Science</i> , 2019 , 221-249	0.9	3
55	Comparing Strategies for Search Space Boundaries Violation in PSO. <i>Lecture Notes in Computer Science</i> , 2017 , 655-664	0.9	3
54	Towards Better Population Sizing for Differential Evolution Through Active Population Analysis with Complex Network. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 225-235	0.4	3
53	DISH-XX Solving CEC2020 Single Objective Bound Constrained Numerical optimization Benchmark 2020 ,		3

52	Chaos Driven PSO with Attractive Search Space Border Points 2018 ,		3
51	Multi-swarm Optimization Algorithm Based on Firefly and Particle Swarm Optimization Techniques. <i>Lecture Notes in Computer Science</i> , 2018 , 405-416	0.9	3
50	Population Diversity Analysis in Adaptive Differential Evolution Variants with Unconventional Randomization Schemes. <i>Lecture Notes in Computer Science</i> , 2019 , 506-518	0.9	2
49	Uncovering Communication Density In PSO Using Complex Network 2017 ,		2
48	Differential Evolution and Deterministic Chaotic Series: A Detailed Study. <i>Mendel</i> , 2018 , 24,	1.4	2
47	Introducing the Run Support Strategy for the Bison Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 272-282	0.2	2
46	Comparing Border Strategies for Roaming Particles on Single and Multi-swarm PSO. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 528-536	0.4	2
45	PSO with Attractive Search Space Border Points. <i>Lecture Notes in Computer Science</i> , 2017 , 665-675	0.9	2
44	Differential Evolution Driven Analytic Programming for Prediction. <i>Lecture Notes in Computer Science</i> , 2017 , 676-687	0.9	2
43	Firework Algorithm Dynamics Simulated And Analyzed With The Aid Of Complex Network 2017 ,		2
42	Chaos-enhanced multiple-choice strategy for particle swarm optimisation. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2020 , 35, 603-616	1	2
41	SOMA-CLP for competition on bound constrained single objective numerical optimization benchmark 2021 ,		2
40	Relation of Neighborhood Size and Diversity Loss Rate in Particle Swarm Optimization With Ring Topology. <i>Mendel</i> , 2021 , 27, 74-79	1.4	2
39	Ensemble of Strategies and Perturbation Parameter Based SOMA for Constrained Technological Design Optimization Problem 2019 ,		1
38	Modified progressive random walk with chaotic PRNG. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2018 , 33, 450-459	1	1
37	Enclosure shielding effectiveness calculation using SHADE algorithm 2018 ,		1
36	Introducing Self-Adaptive Parameters to Self-organizing Migrating Algorithm 2019 ,		1
35	Partial population restart of firefly algorithm using complex network analysis 2017 ,		1

34	Performance comparison of differential evolution driving analytic programming for regression 2017 ,		1
33	Insight into Adaptive Differential Evolution Variants with Unconventional Randomization Schemes. <i>Communications in Computer and Information Science</i> , 2020 , 177-188	0.3	1
32	Randomization of Individuals Selection in Differential Evolution. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 180-191	0.4	1
31	On the Randomization of Indices Selection for Differential Evolution. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 537-547	0.4	1
30	Archive Analysis in SHADE. <i>Lecture Notes in Computer Science</i> , 2017 , 688-699	0.9	1
29	Hypersphere Universe Boundary Method Comparison on HCLPSO and PSO. <i>Lecture Notes in Computer Science</i> , 2017 , 173-182	0.9	1
28	Hybridization of Analytic Programming and Differential Evolution for Time Series Prediction. <i>Lecture Notes in Computer Science</i> , 2017 , 686-698	0.9	1
27	L-SHADE Algorithm with Distance Based Parameter Adaptation. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 69-80	0.2	1
26	Why Simple Population Restart Does Not Work in PSO 2018 ,		1
25	Cluster Occurrence in the DbL_SHADE Population 2018 ,		1
24	Comparing Boundary Control Methods for Firefly Algorithm. <i>Lecture Notes in Computer Science</i> , 2018 , 163-173	0.9	1
23	Population Diversity Analysis for the Chaotic Based Selection of Individuals in Differential Evolution. <i>Lecture Notes in Computer Science</i> , 2018 , 283-294	0.9	1
22	Particle Swarm Optimization with Single Particle Repulsivity for Multi-modal Optimization. <i>Lecture Notes in Computer Science</i> , 2018 , 486-494	0.9	1
21	Self-organizing migrating algorithm with clustering-aided migration and adaptive perturbation vector control 2021 ,		1
20	Evolutionary Algorithms Applied to a Shielding Enclosure Design. <i>Lecture Notes in Computer Science</i> , 2019 , 445-455	0.9	0
19	Is Chaotic Randomization Advantageous for Higher Dimensional Optimization Problems?. <i>Lecture Notes in Computer Science</i> , 2020 , 423-434	0.9	0
18	Boundary Strategies for Self-organizing Migrating Algorithm Analyzed Using CEC17 Benchmark. <i>Communications in Computer and Information Science</i> , 2020 , 58-69	0.3	0
17	Orthogonal Learning Firefly Algorithm. <i>Logic Journal of the IGPL</i> , 2021 , 29, 167-179	1	0

16	Orthogonal Learning Firefly Algorithm. <i>Lecture Notes in Computer Science</i> , 2018 , 315-326	0.9
15	SHADE Algorithm Dynamic Analyzed Through Complex Network. <i>Lecture Notes in Computer Science</i> , 2017 , 666-677	0.9
14	Complex Networks in Particle Swarm. <i>Emergence, Complexity and Computation</i> , 2018 , 145-159	0.1
13	On the Prolonged Exploration of Distance Based Parameter Adaptation in SHADE. <i>Lecture Notes in Computer Science</i> , 2018 , 561-571	0.9
12	Distance vs. Improvement Based Parameter Adaptation in SHADE. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 455-464	0.4
11	On the Applicability of Random and the Best Solution Driven Metaheuristics for Analytic Programming and Time Series Regression. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 489-498 ^{0.4}	0.4
10	Enhanced Archive for SHADE. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 40-55	0.4
9	Analyzing Control Parameters in DISH. <i>Lecture Notes in Computer Science</i> , 2019 , 519-529	0.9
8	Self-organizing Migrating Algorithm with Non-binary Perturbation. <i>Communications in Computer and Information Science</i> , 2020 , 43-57	0.3
7	Detecting Potential Design Weaknesses in SHADE Through Network Feature Analysis. <i>Lecture Notes in Computer Science</i> , 2017 , 662-673	0.9
6	The Influence of Archive Size to SHADE. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 517-527	0.4
5	Extended experimental study on PSO with partial population restart based on complex network analysis. <i>Logic Journal of the IGPL</i> , 2020 , 28, 211-225	1
4	A Lightweight SHADE-Based Algorithm for Global Optimization - liteSHADE. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 197-206	0.2
3	Differential Evolution for Constrained Industrial Optimization. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 123-132	0.2
2	Firefly Algorithm: Enhanced Version with Partial Population Restart Using Complex Network Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 59-68	0.2
1	How Distance Based Parameter Adaptation Affects Population Diversity. <i>Lecture Notes in Computer Science</i> , 2018 , 307-319	0.9