Michal Pluhacek

List of Publications by Year
in descending order

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Version: 2024-02-01

192 papers	1,203 citations	777949 13 h-index	651938 25 g-index
209 all docs	209 docs citations	209 times ranked	592 citing authors

#	Article	IF	Citations
1	Chaos Driven Evolutionary Algorithm: a Novel Approach for Optimization. International Journal of Systems Applications Engineering & Development, 2022, 16, 21-25.	0.2	0
2	Orthogonal Learning Firefly Algorithm. Logic Journal of the IGPL, 2021, 29, 167-179.	1.3	1
3	How Does the Number of Objective Function Evaluations Impact Our Understanding of Metaheuristics Behavior?. IEEE Access, 2021, 9, 44032-44048.	2.6	14
4	Explaining SOMA. , 2021, , .		3
5	SOMA-CLP for competition on bound constrained single objective numerical optimization benchmark. , 2021, , .		6
6	Self-organizing migrating algorithm with clustering-aided migration and adaptive perturbation vector control. , 2021, , .		4
7	Analytic Programming â€“ a Novel Tool for Synthesis of Controller for Chaotic Lozi Map. International Journal of Computers and Communications, 2021, 15, 50-55.	0.2	0
8	On Modifications Towards Improvement of the Exploitation Phase for SOMA Algorithm with Clustering-aided Migration and Adaptive Perturbation Vector Control. , 2021, , .		1
9	On the common population diversity measures in metaheuristics and their limitations. , 2021, , .		2
10	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
11	A Lightweight SHADE-Based Algorithm for Global Optimization - liteSHADE. Lecture Notes in Electrical Engineering, 2020, , 197-206.	0.3	0
12	Chaos-enhanced multiple-choice strategy for particle swarm optimisation. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 603-616.	0.7	2
13	DISH-XX Solving CEC2020 Single Objective Bound Constrained Numerical optimization Benchmark. , 2020, , .		4
14	Sustainable waste-to-energy facility location: Influence of demand on energy sales. Energy, 2020, 207, 118257.	4.5	13
15	Self-organizing migrating algorithm with clustering-aided migration. , 2020, , .		12
16	SOMA-CL for competition on single objective bound constrained numerical optimization benchmark. , 2020, , .		6
17	Introducing the Run Support Strategy for the Bison Algorithm. Lecture Notes in Electrical Engineering, 2020, , 272-282.	0.3	3
18	Boundary Strategies for Self-organizing Migrating Algorithm Analyzed Using CECâ€™17 Benchmark. Communications in Computer and Information Science, 2020, , 58-69.	0.4	1

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19	Why Tuning the Control Parameters of Metaheuristic Algorithms Is So Important for Fair Comparison?. Mendel, 2020, 26, 9-16.	0.5	21
20	Cascade PID Controller Optimization Using Bison Algorithm. Lecture Notes in Computer Science, 2020, , 406-416.	1.0	0
21	Insight into Adaptive Differential Evolution Variants with Unconventional Randomization Schemes. Communications in Computer and Information Science, 2020, , 177-188.	0.4	1
22	Is Chaotic Randomization Advantageous for Higher Dimensional Optimization Problems?. Lecture Notes in Computer Science, 2020, , 423-434.	1.0	1
23	Ensemble of strategies and perturbation parameter based SOMA for optimal stabilization of chaotic oscillations. , 2020, , .		0
24	Introducing Self-Adaptive Parameters to Self-organizing Migrating Algorithm. , 2019, , .		1
25	Evolutionary Algorithms Applied to a Shielding Enclosure Design. Lecture Notes in Computer Science, 2019, , 445-455.	1.0	1
26	Ensemble of Strategies and Perturbation Parameter Based SOMA for Constrained Technological Design Optimization Problem. , 2019, , .		1
27	The Ensemble of Strategies and Perturbation Parameter in Self-organizing Migrating Algorithm Solving CEC 2019 100-Digit Challenge. , 2019, , .		8
28	DISH Algorithm Solving the CEC 2019 100-Digit Challenge. , 2019, , .		8
29	Population Diversity Analysis in Adaptive Differential Evolution Variants with Unconventional Randomization Schemes. Lecture Notes in Computer Science, 2019, , 506-518.	1.0	3
30	On the Design of a Front-face Grid for Shielding Enclosure Using Evolutionary Computations. , 2019, , .		3
31	Distance based parameter adaptation for Success-History based Differential Evolution. Swarm and Evolutionary Computation, 2019, 50, 100462.	4.5	91
32	Using Complex Network Visualization and Analysis for Uncovering the Inner Dynamics of PSO Algorithm. Mendel, 2019, 23, 87-94.	0.5	0
33	Dynamic of Firework Algorithm Analyzed with Complex Network. Mendel, 2019, 23, 79-86.	0.5	0
34	Distance vs. Improvement Based Parameter Adaptation in SHADE. Advances in Intelligent Systems and Computing, 2019, , 455-464.	0.5	0
35	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
36	Enhanced Archive for SHADE. Advances in Intelligent Systems and Computing, 2019, , 40-55.	0.5	0

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37	Randomization of Individuals Selection in Differential Evolution. Advances in Intelligent Systems and Computing, 2019, , 180-191.	0.5	1
38	Analyzing Control Parameters in DISH. Lecture Notes in Computer Science, 2019, , 519-529.	1.0	0
39	A Hierarchical Approach for Accelerating IoT Data Management Process Based on SDN Principles. Mendel, 2019, 25, 121-130.	0.5	0
40	Border Strategies Of The Bison Algorithm. , 2019, , .		0
41	Investigation on evolutionary algorithms powered by nonrandom processes. Soft Computing, 2018, 22, 1791-1801.	2.1	6
42	Modified progressive random walk with chaotic PRNG. International Journal of Parallel, Emergent and Distributed Systems, 2018, 33, 450-459.	0.7	5
43	A Review of Real-World Applications of Particle Swarm Optimization Algorithm. Lecture Notes in Electrical Engineering, 2018, , 115-122.	0.3	12
44	Differential Evolution for Constrained Industrial Optimization. Lecture Notes in Electrical Engineering, 2018, , 123-132.	0.3	1
45	Firefly Algorithm: Enhanced Version with Partial Population Restart Using Complex Network Analysis. Lecture Notes in Electrical Engineering, 2018, , 59-68.	0.3	0
46	L-SHADE Algorithm with Distance Based Parameter Adaptation. Lecture Notes in Electrical Engineering, 2018, , 69-80.	0.3	2
47	Why Simple Population Restart Does Not Work in PSO. , 2018, , .		2
48	On the Population Diversity for the Chaotic Differential Evolution. , 2018, , .		7
49	On the Performance Significance of Boundary Strategies for Firefly Algorithm. , 2018, , .		0
50	Chaos Driven PSO with Attractive Search Space Border Points. , 2018, , .		4
51	Cluster Occurrence in the DbL_SHADE Population. , 2018, , .		1
52	Differential Evolution and Chaotic Series. , 2018, , .		4
53	Comparing Boundary Control Methods for Firefly Algorithm. Lecture Notes in Computer Science, 2018, , 163-173.	1.0	2
54	How Distance Based Parameter Adaptation Affects Population Diversity. Lecture Notes in Computer Science, 2018, , 307-319.	1.0	0

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55	Multi-swarm Optimization Algorithm Based on Firefly and Particle Swarm Optimization Techniques. Lecture Notes in Computer Science, 2018, , 405-416.	1.0	6
56	Population Diversity Analysis for the Chaotic Based Selection of Individuals in Differential Evolution. Lecture Notes in Computer Science, 2018, , 283-294.	1.0	1
57	Particle Swarm Optimization with Single Particle Repulsivity for Multi-modal Optimization. Lecture Notes in Computer Science, 2018, , 486-494.	1.0	1
58	Addressing Premature Convergence with Distance based Parameter Adaptation in SHADE. , 2018, , .		0
59	How Unconventional Chaotic Pseudo-Random Generators Influence Population Diversity in Differential Evolution. Lecture Notes in Computer Science, 2018, , 524-535.	1.0	4
60	Orthogonal Learning Firefly Algorithm. Lecture Notes in Computer Science, 2018, , 315-326.	1.0	0
61	Randomization and Complex Networks for Meta-Heuristic Algorithms. Emergence, Complexity and Computation, 2018, , 177-194.	0.2	3
62	Regarding the Behavior of Bison Runners Within the Bison Algorithm. Mendel, 2018, 24, 63-70.	0.5	4
63	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
64	Gallery of Evolutionary Networks. Emergence, Complexity and Computation, 2018, , 195-210.	0.2	0
65	Complex Networks in Particle Swarm. Emergence, Complexity and Computation, 2018, , 145-159.	0.2	0
66	On the Prolonged Exploration of Distance Based Parameter Adaptation in SHADE. Lecture Notes in Computer Science, 2018, , 561-571.	1.0	0
67	New Running Technique for the Bison Algorithm. Lecture Notes in Computer Science, 2018, , 417-426.	1.0	1
68	Boundary Strategies For Firefly Algorithm Analysed Using CEC`17 Benchmark. , 2018, , .		2
69	Tuning Of The Bison Algorithm Control Parameters. , 2018, , .		1
70	Clustering Analysis of the Population in Db_SHADE Algorithm. Mendel, 2018, 24, 9-16.	0.5	0
71	Differential Evolution and Deterministic Chaotic Series: A Detailed Study. Mendel, 2018, 24, .	0.5	6
72	Particle Swarm Optimization with Distance Based Repulsivity. Mendel, 2018, 24, .	0.5	0

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73	Chaos based optimization: Implementations and possibilities. AIP Conference Proceedings, 2017, , .	0.3	0
74	ARPSO and fk-PSO on CEC 15 benchmark â€“ Comparative study. AIP Conference Proceedings, 2017, , .	0.3	0
75	SHADE Algorithm Dynamic Analyzed Through Complex Network. Lecture Notes in Computer Science, 2017, , 666-677.	1.0	0
76	Study on the Development of Complex Network for Evolutionary and Swarm Based Algorithms. Lecture Notes in Computer Science, 2017, , 151-161.	1.0	1
77	Differential evolution with preferential interaction network. , 2017, , .		3
78	On the impact of cognitive factor in PSO â€“ Testing on selected functions from CEC 15 benchmark. AIP Conference Proceedings, 2017, , .	0.3	0
79	Distance based parameter adaptation for differential evolution. , 2017, , .		14
80	Exploring the shortest path in PSO communication network. , 2017, , .		4
81	Partial population restart of firefly algorithm using complex network analysis. , 2017, , .		1
82	How chaotic sequences and generator sequencing affect the particle trajectory in PSO. , 2017, , .		0
83	Performance comparison of differential evolution driving analytic programming for regression. , 2017, , .		1
84	Synthetic objective function to improve the performance of DE â€“ Initial study. AIP Conference Proceedings, 2017, , .	0.3	0
85	Comparing Border Strategies for Roaming Particles on Single and Multi-swarm PSO. Advances in Intelligent Systems and Computing, 2017, , 528-536.	0.5	4
86	On the Randomization of Indices Selection for Differential Evolution. Advances in Intelligent Systems and Computing, 2017, , 537-547.	0.5	2
87	Hybridization of Multi-chaotic Dynamics and Adaptive Control Parameter Adjusting jDE Strategy. Advances in Intelligent Systems and Computing, 2017, , 77-87.	0.5	5
88	Comparing Strategies for Search Space Boundaries Violation in PSO. Lecture Notes in Computer Science, 2017, , 655-664.	1.0	4
89	Archive Analysis in SHADE. Lecture Notes in Computer Science, 2017, , 688-699.	1.0	2
90	Hypersphere Universe Boundary Method Comparison on HCLPSO and PSO. Lecture Notes in Computer Science, 2017, , 173-182.	1.0	1

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91	PSO with Partial Population Restart Based on Complex Network Analysis. Lecture Notes in Computer Science, 2017, , 183-192.	1.0	11
92	Uncovering Communication Density In PSO Using Complex Network. , 2017, , .		3
93	Comparison of Swarm and Evolutionary Based Algorithms for the Stabilization of Chaotic Oscillations. Lecture Notes in Electrical Engineering, 2017, , 63-73.	0.3	0
94	PSO with Attractive Search Space Border Points. Lecture Notes in Computer Science, 2017, , 665-675.	1.0	2
95	Hybridization of Analytic Programming and Differential Evolution for Time Series Prediction. Lecture Notes in Computer Science, 2017, , 686-698.	1.0	1
96	Differential Evolution Driven Analytic Programming for Prediction. Lecture Notes in Computer Science, 2017, , 676-687.	1.0	2
97	Analysis and Classification Tools for Automatic Process of Punches and Kicks Recognition. Advances in Computational Intelligence and Robotics Book Series, 2017, , 127-151.	0.4	0
98	Detecting Potential Design Weaknesses in SHADE Through Network Feature Analysis. Lecture Notes in Computer Science, 2017, , 662-673.	1.0	1
99	The Influence of Archive Size to SHADE. Advances in Intelligent Systems and Computing, 2017, , 517-527.	0.5	0
100	SHADE Mutation Strategy Analysis Via Dynamic Simulation In Complex Network. , 2017, , .		0
101	Firework Algorithm Dynamics Simulated And Analyzed With The Aid Of Complex Network. , 2017, , .		3
102	Steady success clusters in Differential Evolution. , 2016, , .		3
103	Comparing selected PSO modifications on CEC 15 benchmark set. , 2016, , .		2
104	On the Transforming of the Indices Selection Mechanism inside Differential Evolution into Complex Network. , 2016, , .		1
105	Multiswarm PSO with supersized swarms - Initial performance study. AIP Conference Proceedings, 2016, , .	0.3	0
106	Success-history based adaptive differential evolution algorithm with multi-chaotic framework for parent selection performance on CEC2014 benchmark set. , 2016, , .		33
107	Complex network analysis in PSO as an fitness landscape classifier. , 2016, , .		6
108	Network Based Linear Population Size Reduction in SHADE. , 2016, , .		16

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109	Converting PSO dynamics into complex network - Initial study. AIP Conference Proceedings, 2016, , .	0.3	3
110	Creating Complex Networks Using Multi-swarm PSO. , 2016, , .		1
111	On the adaptivity and complexity embedded into differential evolution. AIP Conference Proceedings, 2016, , .	0.3	1
112	On the influence of different randomization and complex network analysis for differential evolution. , 2016, , .		11
113	Study on the Time Development of Complex Network for Metaheuristic. Advances in Intelligent Systems and Computing, 2016, , 525-533.	0.5	7
114	DSOMAâ€"Discrete Self Organising Migrating Algorithm. Studies in Computational Intelligence, 2016, , 51-63.	0.7	7
115	Inspired in SOMA: Perturbation Vector Embedded into the Chaotic PSO Algorithm Driven by Lozi Chaotic Map. Studies in Computational Intelligence, 2016, , 277-289.	0.7	2
116	PSO as Complex Networkâ€"Capturing the Inner Dynamicsâ€"Initial Study. Advances in Intelligent Systems and Computing, 2016, , 551-559.	0.5	16
117	Particle Swarm Optimizer with Diversity Measure Based on Swarm Representation in Complex Network. Advances in Intelligent Systems and Computing, 2016, , 561-569.	0.5	10
118	Capturing Inner Dynamics of Firefly Algorithm in Complex Networkâ€"Initial Study. Advances in Intelligent Systems and Computing, 2016, , 571-577.	0.5	11
119	Preliminary Study on the Randomization and Sequencing for the Chaos Embedded Heuristic. Advances in Intelligent Systems and Computing, 2016, , 591-601.	0.5	8
120	Lozi Map Generated Initial Population in Analytical Programming. Advances in Intelligent Systems and Computing, 2016, , 297-306.	0.5	1
121	Multi-chaotic System Induced Success-History Based Adaptive Differential Evolution. Lecture Notes in Computer Science, 2016, , 517-527.	1.0	1
122	Multi-chaotic Approach for Particle Acceleration in PSO. Lecture Notes in Computer Science, 2016, , 75-86.	1.0	1
123	Multi-Chaotic Differential Evolution For Vehicle Routing Problem With Profits. , 2016, , .		4
124	Study On Swarm Dynamics Converted Into Complex Network. , 2016, , .		4
125	Single and Multi Chaos Enhanced Differential Evolution on the Selected PID Tuning Problem. Lecture Notes in Electrical Engineering, 2016, , 563-572.	0.3	0
126	Extended Study on the Randomization andÂSequencing for the Chaos Embedded Heuristic. Lecture Notes in Computer Science, 2016, , 493-504.	1.0	1

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127	Chaos PSO with Super-Sized Swarmâ€"Initial Study. Advances in Intelligent Systems and Computing, 2016, , 527-535.	0.5	0
128	Hybridization of Chaotic Systems and Success-History Based Adaptive Differential Evolution. Lecture Notes in Computer Science, 2016, , 145-156.	1.0	0
129	Chaos Enhanced Repulsive MC-PSO/DE Hybrid. Lecture Notes in Computer Science, 2016, , 465-475.	1.0	1
130	On The Simulation Of Complex Chaotic Dynamics For Chaos Based Optimization. , 2016, , .		0
131	Analytical Programming With Extended Individuals. , 2016, , .		5
132	Chaos Enhanced Differential Evolution in the Task of Evolutionary Control of Discrete Chaotic LOZI Map. Advances in Electrical and Electronic Engineering, 2016, 14, .	0.2	0
133	On the parameter settings for the chaotic dynamics embedded differential evolution. , 2015, , .		11
134	New Adaptive Approach for Multi-chaotic Differential Evolution Concept. Lecture Notes in Computer Science, 2015, , 234-243.	1.0	2
135	Multiple choice strategy with dimensional mutation for PSO algorithm enhanced with chaotic dissipative standard map. , 2015, , .		2
136	Investigation on evolutionary predictive control of chemical reactor. Journal of Applied Logic, 2015, 13, 156-166.	1.1	10
137	An Initial Study on the New Adaptive Approach for Multi-chaotic Differential Evolution. Advances in Intelligent Systems and Computing, 2015, , 355-362.	0.5	2
138	Hybridization of Adaptivity and Chaotic Dynamics for Differential Evolution. Advances in Intelligent Systems and Computing, 2015, , 149-158.	0.5	1
139	Chaos particle swarm optimization with Eensemble of chaotic systems. Swarm and Evolutionary Computation, 2015, 25, 29-35.	4.5	49
140	PSO algorithm enhanced with Lozi Chaotic Map - Tuning experiment. AIP Conference Proceedings, 2015, , .	0.3	3
141	Numerical analysis of direct punch with a view to velocity and level of training. AIP Conference Proceedings, 2015, , .	0.3	2
142	Performance of Multi-chaotic PSO on a shifted benchmark functions set. AIP Conference Proceedings, 2015, , .	0.3	0
143	A Brief Survey on the Chaotic Systems as the Pseudo Random Number Generators. Emergence, Complexity and Computation, 2015, , 205-214.	0.2	2
144	Chaos Driven PSO â€“ On the Influence of Various CPRNG Implementations â€“ An Initial Study. Emergence, Complexity and Computation, 2015, , 225-237.	0.2	1

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145	MC-PSO/DE Hybrid with Repulsive Strategy â€“ Initial Study. Lecture Notes in Computer Science, 2015, , 213-220.	1.0	2
146	Simulation Of Time-Continuous Chaotic UEDA Oscillator As The Generator Of Random Numbers For Heuristic. , 2015, , .		0
147	Chaos Enhanced Differential Evolution in the Task of Evolutionary Control of Selected Set of Discrete Chaotic Systems. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	5
148	Scatter Search Algorithm with chaos based stochasticity. , 2014, , .		2
149	Using Artificial Neural Network for Force Profile Analysis in Professional Defence. , 2014, , .		0
150	Complex network analysis of differential evolution algorithm applied to flowshop with no-wait problem. , 2014, , .		34
151	Gathering algorithm: A new concept of PSO based metaheuristic with dimensional mutation. , 2014, , .		1
152	Particle swarm optimization algorithm driven by multichaotic number generator. Soft Computing, 2014, 18, 631-639.	2.1	39
153	Utilising the chaos-induced discrete self organising migrating algorithm to solve the lot-streaming flowshop scheduling problem with setup time. Soft Computing, 2014, 18, 669-681.	2.1	19
154	Performance of Chaos Driven Differential Evolution on Shifted Benchmark Functions Set. Advances in Intelligent Systems and Computing, 2014, , 41-50.	0.5	13
155	Multi-chaotic Differential Evolution: A Preliminary Study. Lecture Notes in Computer Science, 2014, , 416-427.	1.0	0
156	Evolutionary algorithms dynamics and its hidden complex network structures. , 2014, , .		30
157	Utilization of analytic programming for the evolutionary synthesis of the robust multi-chaotic controller for selected sets of discrete chaotic systems. Soft Computing, 2014, 18, 651-668.	2.1	5
158	Multiple Choice Strategy Based PSO Algorithm with Chaotic Decision Making â€“ A Preliminary Study. Advances in Intelligent Systems and Computing, 2014, , 21-30.	0.5	12
159	Analytic Programmingâ€"A New Tool for Synthesis of Controller for Discrete Chaotic Lozi Map. Lecture Notes in Electrical Engineering, 2014, , 137-151.	0.3	1
160	Complex Network Analysis of Discrete Self-organising Migrating Algorithm. Advances in Intelligent Systems and Computing, 2014, , 161-174.	0.5	17
161	Evolutionary Control of Chaotic Lozi Map by Means of Chaos Driven Differential Evolution. Lecture Notes in Electrical Engineering, 2014, , 371-380.	0.3	2
162	Chaos Powered Symbolic Regression in Be Stars Spectra Modeling. Emergence, Complexity and Computation, 2014, , 131-139.	0.2	2

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163	Chaos Driven Particle Swarm Optimization with Basic Particle Performance Evaluation â€“ An Initial Study. Lecture Notes in Computer Science, 2014, , 445-454.	1.0	1
164	Using Artificial Neural Network For The Kick Techniques Classification Ã¢Â€Â“ An Initial Study. , 2014, , .		7
165	On the Development of Complex Cost Function for the Evolutionary Chaos Control: A Brief Study. Emergence, Complexity and Computation, 2014, , 369-378.	0.2	0
166	Tuning the Lozi Map in Chaos Driven PSO Inspired by the Multi-chaotic Approach. Advances in Intelligent Systems and Computing, 2014, , 79-88.	0.5	0
167	Preliminary Study on the Particle Swarm Optimization with the Particle Performance Evaluation. Lecture Notes in Computer Science, 2014, , 395-405.	1.0	1
168	On Convergence of Evolutionary Algorithms Powered by Non-random Generators. Lecture Notes in Computer Science, 2014, , 492-502.	1.0	0
169	Utilization of the Discrete Chaotic Systems as the Pseudo Random Number Generators. Advances in Intelligent Systems and Computing, 2014, , 155-164.	0.5	3
170	Multi-chaotic Differential Evolution: Determining the Switching Time. Advances in Intelligent Systems and Computing, 2014, , 99-110.	0.5	0
171	Chaos Driven PSO with Ensemble of Priority Factors. Advances in Intelligent Systems and Computing, 2014, , 89-97.	0.5	0
172	Performance Comparison Of Evolutionary Techniques Enhanced By Lozi Chaotic Map In The Task Of Reactor Geometry Optimization. , 2014, , .		0
173	Analytic programming in the task of evolutionary synthesis of a controller for high order oscillations stabilization of discrete chaotic systems. Computers and Mathematics With Applications, 2013, 66, 177-189.	1.4	28
174	Chaos PSO algorithm driven alternately by two different chaotic maps - An initial study. , 2013, , .		35
175	Hidden Periodicity â€“ Chaos Dependance on Numerical Precision. Advances in Intelligent Systems and Computing, 2013, , 47-59.	0.5	17
176	Do evolutionary algorithms indeed require randomness?. , 2013, , .		20
177	Investigation on the performance of a new multiple choice strategy for PSO Algorithm in the task of large scale optimization problems. , 2013, , .		7
178	On the behavior and performance of chaos driven PSO algorithm with inertia weight. Computers and Mathematics With Applications, 2013, 66, 122-134.	1.4	119
179	Investigation on the Differential Evolution driven by selected six chaotic systems in the task of reactor geometry optimization. , 2013, , .		17
180	Designing PID Controllers by Means of PSO Algorithm Enhanced by Various Chaotic Maps. , 2013, , .		5

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181	Utilising the Chaos-Induced Discrete Self Organising Migrating Algorithm to Schedule the Lot-Streaming Flowshop Scheduling Problem with Setup Time. Advances in Intelligent Systems and Computing, 2013, , 31-45.	0.5	1
182	Designing PID Controller for DC Motor by Means of Enhanced PSO Algorithm with Dissipative Chaotic Map. Advances in Intelligent Systems and Computing, 2013, , 475-483.	0.5	12
183	Do Evolutionary Algorithms Indeed Require Random Numbers? Extended Study. Advances in Intelligent Systems and Computing, 2013, , 61-75.	0.5	20
184	Optimization of the Batch Reactor by Means of Chaos Driven Differential Evolution. Advances in Intelligent Systems and Computing, 2013, , 93-102.	0.5	11
185	Impact of Various Chaotic Maps on the Performance of Chaos Enhanced PSO Algorithm with Inertia Weight â€“ An Initial Study. Advances in Intelligent Systems and Computing, 2013, , 153-166.	0.5	11
186	Scheduling The Flow Shop With Blocking Problem With The Chaos-Induced Discrete Self Organising Migrating Algorithm. , 2013, , .		4
187	Extended Initial Study on the Performance of Enhanced PSO Algorithm with Lozi Chaotic Map. Advances in Intelligent Systems and Computing, 2013, , 167-177.	0.5	8
188	Utilization of Analytic Programming for Evolutionary Synthesis of the Robust Controller for Set of Chaotic Systems. Advances in Intelligent Systems and Computing, 2013, , 101-110.	0.5	0
189	Analytic Programming In The Task Of Evolutionary Synthesis Of The Robust Controller For Selected Discrete Chaotic Systems. , 2013, , .		0
190	Multiple Choice Strategy For PSO Algorithm â€“ Performance Analysis On Shifted Test Functions. , 2013, , .		1
191	Designing PID Controller For DC Motor System By Means Of Enhanced PSO Algorithm With Discrete Chaotic Lozi Map. , 2012, , .		16
192	Analysing knowledge transfer in SHADE via complex network. Logic Journal of the IGPL, 0, , .	1.3	0