Shangce Gao

List of Publications by Year
in descending order

185 papers	5,210 citations	87888 38 h-index	102487 66 g-index
188 all docs	188 docs citations	188 times ranked	2711 citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic Neuron Model With Effective Learning Algorithms for Classification, Approximation, and Prediction. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 601-614.	11.3	524
2	Routing in Internet of Vehicles: A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2339-2352.	8.0	318
3	Chaotic Local Search-Based Differential Evolution Algorithms for Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3954-3967.	9.3	202
4	Ant colony optimization with clustering for solving the dynamic location routing problem. Applied Mathematics and Computation, 2016, 285, 149-173.	2.2	169
5	Financial time series prediction using a dendritic neuron model. Knowledge-Based Systems, 2016, 105, 214-224.	7.1	151
6	A multi-layered gravitational search algorithm for function optimization and real-world problems. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 94-109.	13.1	132
7	Gravitational search algorithm combined with chaos for unconstrained numerical optimization. Applied Mathematics and Computation, 2014, 231, 48-62.	2.2	117
8	A state-of-the-art differential evolution algorithm for parameter estimation of solar photovoltaic models. Energy Conversion and Management, 2021, 230, 113784.	9.2	109
9	CBSO: a memetic brain storm optimization with chaotic local search. Memetic Computing, 2018, 10, 353-367.	4.0	103
10	A hierarchical gravitational search algorithm with an effective gravitational constant. Swarm and Evolutionary Computation, 2019, 46, 118-139.	8.1	98
11	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. Expert Systems With Applications, 2020, 152, 113396.	7.6	90
12	Global optimum-based search differential evolution. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 379-394.	13.1	89
13	Bi-objective Elite Differential Evolution Algorithm for Multivalued Logic Networks. IEEE Transactions on Cybernetics, 2020, 50, 233-246.	9.5	87
14	A review of applications of artificial intelligent algorithms in wind farms. Artificial Intelligence Review, 2020, 53, 3447-3500.	15.7	86
15	Accessibility Analysis and Modeling for IoV in an Urban Scene. IEEE Transactions on Vehicular Technology, 2020, 69, 4246-4256.	6.3	85
16	An approximate logic neuron model with a dendritic structure. Neurocomputing, 2016, 173, 1775-1783.	5.9	74
17	A Connectivity-Prediction-Based Dynamic Clustering Model for VANET in an Urban Scene. IEEE Internet of Things Journal, 2020, 7, 8410-8418.	8.7	71
18	Incorporation of Solvent Effect into Multi-Objective Evolutionary Algorithm for Improved Protein Structure Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1365-1378.	3.0	68

#	ARTICLE	IF	CITATIONS
19	A seasonal-trend decomposition-based dendritic neuron model for financial time series prediction. Applied Soft Computing Journal, 2021, 108, 107488.	7.2	68
20	Self-Adaptive Gravitational Search Algorithm With a Modified Chaotic Local Search. IEEE Access, 2017, 5, 17881-17895.	4.2	67
21	Solving multitrip pickup and delivery problem with time windows and manpower planning using multiobjective algorithms. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 1134-1153.	13.1	64
22	A Novel Method for Detecting New Overlapping Community in Complex Evolving Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1832-1844.	9.3	61
23	A gravitational search algorithm with hierarchy and distributed framework. Knowledge-Based Systems, 2021, 218, 106877.	7.1	56
24	An artificial bee colony algorithm search guided by scale-free networks. Information Sciences, 2019, 473, 142-165.	6.9	54
25	Batch type local search-based adaptive neuro-fuzzy inference system (ANFIS) with self-feedbacks for time-series prediction. Neurocomputing, 2009, 72, 1870-1877.	5.9	53
26	Using a Single Dendritic Neuron to Forecast Tourist Arrivals to Japan. IEICE Transactions on Information and Systems, 2017, E100.D, 190-202.	0.7	50
27	A Pruning Neural Network Model in Credit Classification Analysis. Computational Intelligence and Neuroscience, 2018, 2018, 1-22.	1.7	49
28	A neuron model with synaptic nonlinearities in a dendritic tree for liver disorders. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 105-115.	1.4	48
29	MO4: A Many-Objective Evolutionary Algorithm for Protein Structure Prediction. IEEE Transactions on Evolutionary Computation, 2022, 26, 417-430.	10.0	48
30	Improving Dendritic Neuron Model With Dynamic Scale-Free Network-Based Differential Evolution. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 99-110.	13.1	47
31	AIMOES: Archive information assisted multi-objective evolutionary strategy for ab initio protein structure prediction. Knowledge-Based Systems, 2018, 146, 58-72.	7.1	46
32	Understanding differential evolution: A Poisson law derived from population interaction network. Journal of Computational Science, 2017, 21, 140-149.	2.9	44
33	A Fluid Mechanics-Based Data Flow Model to Estimate VANET Capacity. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2603-2614.	8.0	44
34	A Breast Cancer Classifier Using a Neuron Model with Dendritic Nonlinearity. IEICE Transactions on Information and Systems, 2015, E98.D, 1365-1376.	0.7	43
35	The discovery of population interaction with a power law distribution in brain storm optimization. Memetic Computing, 2019, 11, 65-87.	4.0	43
36	Multiple Chaos Embedded Gravitational Search Algorithm. IEICE Transactions on Information and Systems, 2017, E100.D, 888-900.	0.7	41

#	Article	IF	Citations
37	A novel machine learning technique for computer-aided diagnosis. Engineering Applications of Artificial Intelligence, 2020, 92, 103627.	8.1	41
38	Comparative Study on Single and Multiple Chaotic Maps Incorporated Grey Wolf Optimization Algorithms. IEEE Access, 2021, 9, 77416-77437.	4.2	39
39	Overlapping Community Change-Point Detection in an Evolving Network. IEEE Transactions on Big Data, 2020, 6, 189-200.	6.1	38
40	A Differential Evolution-Oriented Pruning Neural Network Model for Bankruptcy Prediction. Complexity, 2019, 2019, 1-21.	1.6	36
41	An effective recommendation model based on deep representation learning. Information Sciences, 2021, 542, 324-342.	6.9	36
42	Approximate logic neuron model trained by states of matter search algorithm. Knowledge-Based Systems, 2019, 163, 120-130.	7.1	35
43	Fully Complex-Valued Dendritic Neuron Model. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2105-2118.	11.3	35
44	A Gravitational Search Algorithm With Chaotic Neural Oscillators. IEEE Access, 2020, 8, 25938-25948.	4.2	34
45	Graph planarization problem optimization based on triple-valued gravitational search algorithm. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 39-48.	1.4	33
46	ASBSO: An Improved Brain Storm Optimization With Flexible Search Length and Memory-Based Selection. IEEE Access, 2018, 6, 36977-36994.	4.2	33
47	A Dendritic Neuron Model with Adaptive Synapses Trained by Differential Evolution Algorithm. Computational Intelligence and Neuroscience, 2020, 2020, 1-19.	1.7	33
48	Improved Clonal Selection Algorithm Combined with Ant Colony Optimization. IEICE Transactions on Information and Systems, 2008, E91-D, 1813-1823.	0.7	32
49	Performance Analysis for Cooperative NOMA With Opportunistic Relay Selection. IEEE Access, 2019, 7, 131488-131500.	4.2	30
50	<scp>SCJADE</scp>: Yet Another State-of-the-Art Differential Evolution Algorithm. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 644-646.	1.4	30
51	Immune algorithm combined with estimation of distribution for traveling salesman problem. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, S142.	1.4	28
52	Statistical Modeling and Prediction for Tourism Economy Using Dendritic Neural Network. Computational Intelligence and Neuroscience, 2017, 2017, 1-9.	1.7	28
53	Multiobjective Multiple Neighborhood Search Algorithms for Multiobjective Fleet Size and Mix Location-Routing Problem With Time Windows. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2284-2298.	9.3	28
54	A Hybrid Discrete Imperialist Competition Algorithm for Fuzzy Job-Shop Scheduling Problems. IEEE Access, 2016, 4, 9320-9331.	4.2	27

#	Article	IF	Citations
55	A Multiple Diversity-Driven Brain Storm Optimization Algorithm With Adaptive Parameters. IEEE Access, 2019, 7, 126871-126888.	4.2	27
56	Dendritic neuron model trained by information feedback-enhanced differential evolution algorithm for classification. Knowledge-Based Systems, 2021, 233, 107536.	7.1	27
57	Reliability analysis for the fractional-order circuit system subject to the uncertain random fractional-order model with Caputo type. Journal of Advanced Research, 2021, 32, 15-26.	9.5	27
58	A Novel Clonal Selection Algorithm and Its Application to Traveling Salesman Problem. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 2318-2325.	0.3	27
59	An opposition learning and spiral modelling based arithmetic optimization algorithm for global continuous optimization problems. Engineering Applications of Artificial Intelligence, 2022, 113, 104981.	8.1	27
60	Improved chaotic gravitational search algorithms for global optimization. , 2015, , .		26
61	Ensemble of many-objective evolutionary algorithms for many-objective problems. Soft Computing, 2017, 21, 2407-2419.	3.6	26
62	Adoption of an improved PSO to explore a compound multi-objective energy function in protein structure prediction. Applied Soft Computing Journal, 2018, 72, 539-551.	7.2	26
63	Connectivity Modeling and Analysis for Internet of Vehicles in Urban Road Scene. IEEE Access, 2018, 6, 2692-2702.	4.2	25
64	A Ladder Spherical Evolution Search Algorithm. IEICE Transactions on Information and Systems, 2021, E104.D, 461-464.	0.7	25
65	An Improved Clonal Selection Algorithm and Its Application to Traveling Salesman Problems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 2930-2938.	0.3	24
66	Cooperative Multiobjective Evolutionary Algorithm With Propulsive Population for Constrained Multiobjective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3476-3491.	9.3	23
67	Alternate search pattern-based brain storm optimization. Knowledge-Based Systems, 2022, 238, 107896.	7.1	23
68	An intelligent metaphor-free spatial information sampling algorithm for balancing exploitation and exploration. Knowledge-Based Systems, 2022, 250, 109081.	7.1	23
69	Time Performance Optimization and Resource Conflicts Resolution for Multiple Project Management. IEICE Transactions on Information and Systems, 2016, E99.D, 650-660.	0.7	22
70	Adaptive chaotic spherical evolution algorithm. Memetic Computing, 2021, 13, 383-411.	4.0	22
71	A Multi-Layered Immune System for Graph Planarization Problem. IEICE Transactions on Information and Systems, 2009, E92-D, 2498-2507.	0.7	21
72	Cooperative Evolutionary Framework With Focused Search for Many-Objective Optimization. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 398-412.	4.9	20

#	Article	IF	Citations
73	Quantum Interference Crossover-Based Clonal Selection Algorithm and Its Application to Traveling Salesman Problem. IEICE Transactions on Information and Systems, 2009, E92-D, 78-85.	0.7	18
74	A Two-Layered Framework for the Discovery of Software Behavior: A Case Study. IEICE Transactions on Information and Systems, 2018, E101.D, 2005-2014.	0.7	16
75	TDSD: A New Evolutionary Algorithm Based on Triple Distinct Search Dynamics. IEEE Access, 2020, 8, 76752-76764.	4.2	16
76	A Dynamic Evolution Mechanism for IoV Community in an Urban Scene. IEEE Internet of Things Journal, 2021, 8, 7521-7530.	8.7	16
77	A Chaotic Clonal Selection Algorithm and its Application to Synthesize Multiple‐Valued Logic Functions. IEEJ Transactions on Electrical and Electronic Engineering, 2010, 5, 105-114.	1.4	15
78	Hybrid Feature Selection Algorithm mRMR-ICA for Cancer Classification from Microarray Gene Expression Data. Combinatorial Chemistry and High Throughput Screening, 2018, 21, 420-430.	1.1	15
79	A Simple but Efficient Ranking-Based Differential Evolution. IEICE Transactions on Information and Systems, 2022, E105.D, 189-192.	0.7	15
80	An Expanded Lateral Interactive Clonal Selection Algorithm and Its Application. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2008, E91-A, 2223-2231.	0.3	14
81	Improved pattern recognition with complex artificial immune system. Soft Computing, 2009, 13, 1209-1217.	3.6	14
82	Chaotic grey wolf optimization. , 2016, , .		14
83	A Novel Method for Predicting Vehicle State in Internet of Vehicles. Mobile Information Systems, 2018, 2018, 1-13.	0.6	14
84	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. IEEE Internet of Things Journal, 2022, 9, 1445-1457.	8.7	14
85	Learning and fusing multiple hidden substages for action quality assessment. Knowledge-Based Systems, 2021, 229, 107388.	7.1	14
86	A Novel Memetic Whale Optimization Algorithm for Optimization. Lecture Notes in Computer Science, 2018, , 384-396.	1.3	14
87	A population diversity-controlled differential evolution for parameter estimation of solar photovoltaic models. Sustainable Energy Technologies and Assessments, 2022, 51, 101938.	2.7	14
88	A Cooperative Coevolution Wingsuit Flying Search Algorithm with Spherical Evolution. International Journal of Computational Intelligence Systems, 2021, 14, .	2.7	14
89	Mrz^2DNM: A Novel Mutual Information-Based Dendritic Neuron Model. Computational Intelligence and Neuroscience, 2019, 2019, 1-13.	1.7	13
90	Self-trained prediction model and novel anomaly score mechanism for video anomaly detection. Image and Vision Computing, 2022, 119, 104391.	4.5	13

#	Article	IF	Citations
91	Spatial information sampling: another feedback mechanism of realising adaptive parameter control in meta-heuristic algorithms. International Journal of Bio-Inspired Computation, 2022, 19, 48.	0.9	13
92	Hybrid Gravitational Search and Clonal Selection Algorithm for Global Optimization. Lecture Notes in Computer Science, 2013, , 1-10.	1.3	12
93	PMPSO: A near-optimal graph planarization algorithm using probability model based particle swarm optimization. , 2015, , .		12
94	A Multi-Learning Immune Algorithm for Numerical Optimization. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 362-377.	0.3	12
95	Training a dendritic neural model with genetic algorithm for classification problems. , 2016, , .		12
96	Reliability analysis of the uncertain fractional‐order dynamic system with state constraint. Mathematical Methods in the Applied Sciences, 2022, 45, 2615-2637.	2.3	12
97	Population interaction network in representative differential evolution algorithms: Power-law outperforms Poisson distribution. Physica A: Statistical Mechanics and Its Applications, 2022, 603, 127764.	2.6	12
98	Single dendritic neuron with nonlinear computation capacity: A case study on XOR problem. , 2015, , .		11
99	Forecasting house price index of China using dendritic neuron model. , 2016, , .		11
100	Dendritic Neuron Model Trained by Biogeography-Based Optimization for Crude Oil Price Forecasting. , 2018, , .		11
101	Towards Comprehensive Support for Business Process Behavior Similarity Measure. IEICE Transactions on Information and Systems, 2019, E102.D, 588-597.	0.7	11
102	A Novel Median Dendritic Neuron Model for Prediction. IEEE Access, 2020, 8, 192339-192351.	4.2	11
103	Dendritic Convolutional Neural Network. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 302-304.	1.4	11
104	A Novel Distributed Gravitational Search Algorithm With Multi-Layered Information Interaction. IEEE Access, 2021, 9, 166552-166565.	4.2	11
105	TransGait: Multimodal-based gait recognition with set transformer. Applied Intelligence, 2023, 53, 1535-1547.	5.3	11
106	User behavior discovery from low‐level software execution log. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1624-1632.	1.4	10
107	PAIDDE: A Permutation-Archive Information Directed Differential Evolution Algorithm. IEEE Access, 2022, 10, 50384-50402.	4.2	10
108	Research on the Prediction-Based Clustering Method in the Community of Medical Vehicles for Connected Health. IEEE Access, 2019, 7, 71884-71896.	4.2	8

#	Article	IF	Citations
109	A Hybrid Discrete Imperialist Competition Algorithm for Gene Selection for Microarray Data. Current Proteomics, 2018, 15, 99-110.	0.3	8
110	A Complex Artificial Immune System. , 2008, , .		7
111	Fitness-Distance Balance with Functional Weights: A New Selection Method for Evolutionary Algorithms. IEICE Transactions on Information and Systems, 2021, E104.D, 1789-1792.	0.7	7
112	Local Search with Probabilistic Modeling for Learning Multiple-Valued Logic Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2011, E94-A, 795-805.	0.3	7
113	An Improved Local Search Learning Method for Multiple-Valued Logic Network Minimization with Bi-objectives. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 594-603.	0.3	7
114	A three-phase search approach with dynamic population size for solving the maximally diverse grouping problem. European Journal of Operational Research, 2022, 302, 925-953.	5.7	7
115	Effects of â€œrich-gets-richerâ€•rule on small-world networks. Neurocomputing, 2010, 73, 2286-2289.	5.9	6
116	Brain storm optimization with adaptive search radius for optimization. , 2017, , .		6
117	A Dendritic Neuron Model with Nonlinearity Validation on Istanbul Stock and Taiwan Futures Exchange Indexes Prediction. , 2018, , .		6
118	A Hybrid Salp Swarm Algorithm With Gravitational Search Mechanism. , 2018, , .		6
119	Location Prediction Model Based on the Internet of Vehicles for Assistance to Medical Vehicles. IEEE Access, 2020, 8, 10754-10767.	4.2	6
120	An Artificial Immune System with Feedback Mechanisms for Effective Handling of Population Size. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 532-541.	0.3	6
121	Multi-valued Neural Network Trained by Differential Evolution for Synthesizing Multiple-Valued Functions. , 2015, , .		5
122	Adaptive Shape Kernel-Based Mean Shift Tracker in Robot Vision System. Computational Intelligence and Neuroscience, 2016, 2016, 1-8.	1.7	5
123	Complete receptor editing operation based on quantum clonal selection algorithm for optimization problems. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 411-421.	1.4	5
124	Brain Storm Algorithm Combined with Covariance Matrix Adaptation Evolution Strategy for Optimization. Adaptation, Learning, and Optimization, 2019, , 123-154.	0.6	5
125	A Stochastic Dynamic Local Search Method for Learning Multiple-Valued Logic Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 1085-1092.	0.3	5
126	An Improved Transiently Chaotic Neural Network with Multiple Chaotic Dynamics for Maximum Clique Problem. , 2007, , .		4

#	Article	IF	Citations
127	Multiple Chaotic Cuckoo Search Algorithm. Lecture Notes in Computer Science, 2017, , 531-542.	1.3	4
128	Inertial Estimator Learning Automata. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 1041-1048.	0.3	4
129	Single Dendritic Neuron Model Trained by Spherical Search Algorithm For Classification. , 2020, , .		4
130	An Improved Firefly Algorithm Enhanced by Negatively Correlated Search Mechanism. , 2018, , .		3
131	Exploitation Enhanced Sine Cosine Algorithm with Compromised Population Diversity for Optimization. , 2018, , .		3
132	A Novel Backtracking Search with Grey Wolf Algorithm for Optimization. , 2018, , .		3
133	A Novel Brain Storm Optimization Algorithm Driven by Sine-Cosine Search Mechanism. , 2020, , .		3
134	A Sine Cosine Algorithm Enhanced Spherical Evolution for Continuous Optimization Problems. , 2020, , .		3
135	Ant Colony Optimization with Neighborhood Search for Dynamic TSP. Lecture Notes in Computer Science, 2016, , 434-442.	1.3	3
136	Training Dendritic Neuron Model with Whale Optimization Algorithm for Classification. , 2020, , .		3
137	Spherical Evolution Enhanced with Salp Swarm Algorithm. , 2020, , .		3
138	Ant Lion-Based Random Walk Differential Evolution Algorithm for Optimization and Clustering. , 2019, , .		3
139	Dynamic Clone Population Based Artificial Immune System. , 2007, , .		2
140	ANNEALED CHAOTIC LEARNING FOR TIME SERIES PREDICTION IN IMPROVED NEURO-FUZZY NETWORK WITH FEEDBACKS. International Journal of Computational Intelligence and Applications, 2009, 08, 429-444.	0.8	2
141	A Buffer Overflow Based Algorithm to Conceal Software Watermarking Trigger Behavior. IEICE Transactions on Information and Systems, 2014, E97.D, 524-532.	0.7	2
142	Improving Artificial Bee Colony Algorithm with Historical Archive. Communications in Computer and Information Science, 2016, , 185-190.	0.5	2
143	Improved Binary Imperialist Competition Algorithm for Feature Selection from Gene Expression Data. Lecture Notes in Computer Science, 2016, , 67-78.	1.3	2
144	An optimized collaborative filtering method to construct spatial-temporal behavior pattern-based user interest model. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 221-227.	1.4	2

#	Article	IF	Citations
145	Gravitational search algorithm combined with modified differential evolution learning for planarization in graph drawing. , 2017, , .		2
146	A novel mutual information based ant colony classifier. , 2017, , .		2
147	Using Grey Wolf Hunting Mechanism to Improve Brain Storm Optimization. , 2018, , .		2
148	Galactic Gravitational Search Algorithm for Numerical Optimization. Lecture Notes in Computer Science, 2018, , 397-409.	1.3	2
149	A Hybrid Spherical Evolution and Particle Swarm Optimization Algorithm. , 2020, , .		2
150	A Hybrid Spherical Search and Sine Cosine Algorithm. , 2020, , .		2
151	A Fluid Mechanics-Based Model to Estimate VINET Capacity in an Urban Scene. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8606-8614.	8.0	2
152	Adaptive Immune-Genetic Algorithm for Fuzzy Job Shop Scheduling Problems. Lecture Notes in Computer Science, 2014, , 246-257.	1.3	2
153	A Hybrid Hypercube and Spherical Evolution for Optimization. , 2019, , .		2
154	Enhancing the learning capacity of immunological algorithms: a comprehensive study of learning operators. , 0, , .		2
155	Handling Multiobjectives with Adaptive Mutation Based ε $\hat{I}\mu$ -Dominance Differential Evolution. Lecture Notes in Computer Science, 2015, , 523-532.	1.3	2
156	Differential Evolution-Based Wingsuit Flying Search for Optimization. , 2020, , .		2
157	A Multi-population Water Wave Optimization Algorithm. , 2021, , .		2
158	Differential Whale Optimization Algorithm. , 2021, , .		2
159	Optimized geometric LDPC codes with quasi-cyclic structure. Journal of Communications and Networks, 2014, 16, 249-257.	2.6	1
160	Visual netlogo-based simulation of anti-SARS immune system and low-to-high resolution reconstruction of sequence medical ct images anti-sars CT. , 2015, , .		1
161	A dendritic neuron model for exchange rate prediction. , 2015, , .		1
162	Key Properties of Connectivity in Vehicle Ad-hoc Network. Lecture Notes in Computer Science, 2016, , 328-339.	1.3	1

#	Article	IF	Citations
163	A preference-based multi-objective evolutionary strategy for Ab initio prediction of proteins. , 2017, , .		1
164	An Efficient Negative Correlation Gravitational Search Algorithm. , 2018, , .		1
165	Negative Correlation Learning Enhanced Search Behavior in Backtracking Search Optimization. , 2018, , .		1
166	A Novel Spherical Search Based Grey Wolf Optimizer for Optimization Problems. , 2020, , .		1
167	A Hybrid Spherical Search and Moth-flame optimization Algorithm. , 2020, , .		1
168	Preliminary investigation on clutter filtering based on deep learning. Japanese Journal of Applied Physics, 2021, 60, SDDE21.	1.5	1
169	Wingsuit Flying Search Enhanced by Spherical Evolution. Communications in Computer and Information Science, 2021, , 3-16.	0.5	1
170	Broad Learning Can Tolerate Noise in Image Recognition. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 167-169.	1.4	1
171	Incorporation of Improved Differential Evolution into Hunger Games Search Algorithm. , 2021, , .		1
172	Using Grey Wolf Hunting Mechanism to Improve Spherical Search. , 2020, , .		1
173	A Hybrid Spherical Search and Whale Optimization Algorithm. , 2020, , .		1
174	A Novel Optimization Algorithm Inherited From Gravitational and Spherical Search Dynamics. , 2020, , .		1
175	Unsupervised up-to-bottom hierarchical clustering elastic net algorithm for TSP. , 2012, , .		0
176	Robot and Neuroscience Technology: Computational and Engineering Approaches in Medicine. Computational Intelligence and Neuroscience, 2016, 2016, 1-1.	1.7	0
177	Recognition Effects of Deep Convolutional Neural Network on Smudged Handwritten Digits. , 2018, , .		0
178	Cloud computingâ€"based big data processing and intelligent analytics. Concurrency Computation Practice and Experience, 2019, 31, e5531.	2.2	0
179	Improved Teaching-Learning-based Optimization Algorithm with Advanced Learning Strategy. , 2020, , .		0
180	A Spherical Search-based Archive Update Mechanism for Self-adaptive Differential Evolution. , 2020, , .		0

#	Article	IF	Citations
181	Construction-and-extraction Based Index for Images Retrieval. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1377-1383.	0.2	0
182	A Negatively Correlation-Based Selection Strategy for Parameter Adaptation in SHADE. , 2019, , .		0
183	Evolutionary Dendritic Neuron Model Learned by A State-of-the-art Evolutionary Learning Algorithm. , 2021, , .		0
184	A Co-Evolutionary Hybrid ACO for Solving Traveling Salesman Problem. , 2021, , .		0
185	Artificial Clonal Selection Model and Its Application. , 0, , 100-122.		0