

# Shangce Gao

## List of Publications by Citations

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

159  
papers

2,720  
citations

27  
h-index

46  
g-index

188  
ext. papers

4,149  
ext. citations

3.5  
avg, IF

6  
L-index

#	Paper	IF	Citations
159	Dendritic Neuron Model With Effective Learning Algorithms for Classification, Approximation, and Prediction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 601-614	10.3	320
158	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2015</b> , 16, 2339-2352	6.1	235
157	Ant colony optimization with clustering for solving the dynamic location routing problem. <i>Applied Mathematics and Computation</i> , <b>2016</b> , 285, 149-173	2.7	115
156	Financial time series prediction using a dendritic neuron model. <i>Knowledge-Based Systems</i> , <b>2016</b> , 105, 214-224	7.3	102
155	Gravitational search algorithm combined with chaos for unconstrained numerical optimization. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 231, 48-62	2.7	84
154	Chaotic Local Search-Based Differential Evolution Algorithms for Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3954-3967	7.3	68
153	CBSO: a memetic brain storm optimization with chaotic local search. <i>Memetic Computing</i> , <b>2018</b> , 10, 353-367	3.7	56
152	Self-Adaptive Gravitational Search Algorithm With a Modified Chaotic Local Search. <i>IEEE Access</i> , <b>2017</b> , 5, 17881-17895	3.5	52
151	A hierarchical gravitational search algorithm with an effective gravitational constant. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 46, 118-139	9.8	49
150	Global optimum-based search differential evolution. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2019</b> , 6, 379-394	7.9	48
149	Accessibility Analysis and Modeling for IoV in an Urban Scene. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 4246-4256	6.8	47
148	Batch type local search-based adaptive neuro-fuzzy inference system (ANFIS) with self-feedbacks for time-series prediction. <i>Neurocomputing</i> , <b>2009</b> , 72, 1870-1877	5.4	47
147	A multi-layered gravitational search algorithm for function optimization and real-world problems. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 8, 94-109	7	45
146	An approximate logic neuron model with a dendritic structure. <i>Neurocomputing</i> , <b>2016</b> , 173, 1775-1783	5.4	43
145	Bi-objective Elite Differential Evolution Algorithm for Multivalued Logic Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 233-246	10.2	43
144	A state-of-the-art differential evolution algorithm for parameter estimation of solar photovoltaic models. <i>Energy Conversion and Management</i> , <b>2021</b> , 230, 113784	10.6	40
143	An artificial bee colony algorithm search guided by scale-free networks. <i>Information Sciences</i> , <b>2019</b> , 473, 142-165	7.7	39

142	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. <i>Expert Systems With Applications</i> , <b>2020</b> , 152, 113396	7.8	35
141	A Novel Method for Detecting New Overlapping Community in Complex Evolving Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1832-1844	7.3	35
140	A neuron model with synaptic nonlinearities in a dendritic tree for liver disorders. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2017</b> , 12, 105-115	1	33
139	A Connectivity-Prediction-Based Dynamic Clustering Model for VANET in an Urban Scene. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 8410-8418	10.7	33
138	Incorporation of Solvent Effect into Multi-Objective Evolutionary Algorithm for Improved Protein Structure Prediction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2018</b> , 15, 1365 <sup>3</sup> -1378 <sup>33</sup>		
137	A Pruning Neural Network Model in Credit Classification Analysis. <i>Computational Intelligence and Neuroscience</i> , <b>2018</b> , 2018, 9390410	3	31
136	Solving multitrip pickup and delivery problem with time windows and manpower planning using multiobjective algorithms. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2020</b> , 7, 1134-1153	7	30
135	A review of applications of artificial intelligent algorithms in wind farms. <i>Artificial Intelligence Review</i> , <b>2020</b> , 53, 3447-3500	9.7	30
134	Using a Single Dendritic Neuron to Forecast Tourist Arrivals to Japan. <i>IEICE Transactions on Information and Systems</i> , <b>2017</b> , E100.D, 190-202	0.6	29
133	Multiple Chaos Embedded Gravitational Search Algorithm. <i>IEICE Transactions on Information and Systems</i> , <b>2017</b> , E100.D, 888-900	0.6	27
132	AIMOES: Archive information assisted multi-objective evolutionary strategy for ab initio protein structure prediction. <i>Knowledge-Based Systems</i> , <b>2018</b> , 146, 58-72	7.3	27
131	Understanding differential evolution: A Poisson law derived from population interaction network. <i>Journal of Computational Science</i> , <b>2017</b> , 21, 140-149	3.4	26
130	A Breast Cancer Classifier Using a Neuron Model with Dendritic Nonlinearity. <i>IEICE Transactions on Information and Systems</i> , <b>2015</b> , E98.D, 1365-1376	0.6	26
129	The discovery of population interaction with a power law distribution in brain storm optimization. <i>Memetic Computing</i> , <b>2019</b> , 11, 65-87	3.4	25
128	ASBSO: An Improved Brain Storm Optimization With Flexible Search Length and Memory-Based Selection. <i>IEEE Access</i> , <b>2018</b> , 6, 36977-36994	3.5	24
127	Improved Clonal Selection Algorithm Combined with Ant Colony Optimization. <i>IEICE Transactions on Information and Systems</i> , <b>2008</b> , E91-D, 1813-1823	0.6	24
126	Improved chaotic gravitational search algorithms for global optimization <b>2015</b> ,		21
125	Immune algorithm combined with estimation of distribution for traveling salesman problem. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2016</b> , 11, S142	1	21

124	A Hybrid Discrete Imperialist Competition Algorithm for Fuzzy Job-Shop Scheduling Problems. <i>IEEE Access</i> , <b>2016</b> , 4, 9320-9331	3.5	20
123	Overlapping Community Change-Point Detection in an Evolving Network. <i>IEEE Transactions on Big Data</i> , <b>2020</b> , 6, 189-200	3.2	20
122	A Fluid Mechanics-Based Data Flow Model to Estimate VANET Capacity. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 21, 2603-2614	6.1	20
121	Graph planarization problem optimization based on triple-valued gravitational search algorithm. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2014</b> , 9, 39-48	1	19
120	Time Performance Optimization and Resource Conflicts Resolution for Multiple Project Management. <i>IEICE Transactions on Information and Systems</i> , <b>2016</b> , E99.D, 650-660	0.6	18
119	Approximate logic neuron model trained by states of matter search algorithm. <i>Knowledge-Based Systems</i> , <b>2019</b> , 163, 120-130	7.3	18
118	A novel machine learning technique for computer-aided diagnosis. <i>Engineering Applications of Artificial Intelligence</i> , <b>2020</b> , 92, 103627	7.2	18
117	Connectivity Modeling and Analysis for Internet of Vehicles in Urban Road Scene. <i>IEEE Access</i> , <b>2018</b> , 6, 2692-2702	3.5	17
116	Ensemble of many-objective evolutionary algorithms for many-objective problems. <i>Soft Computing</i> , <b>2017</b> , 21, 2407-2419	3.5	16
115	A Differential Evolution-Oriented Pruning Neural Network Model for Bankruptcy Prediction. <i>Complexity</i> , <b>2019</b> , 2019, 1-21	1.6	16
114	A Novel Clonal Selection Algorithm and Its Application to Traveling Salesman Problem. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2007</b> , E90-A, 2318-2325	0.4	16
113	A gravitational search algorithm with hierarchy and distributed framework. <i>Knowledge-Based Systems</i> , <b>2021</b> , 218, 106877	7.3	16
112	. <i>IEEE Access</i> , <b>2019</b> , 7, 131488-131500	3.5	15
111	Statistical Modeling and Prediction for Tourism Economy Using Dendritic Neural Network. <i>Computational Intelligence and Neuroscience</i> , <b>2017</b> , 2017, 7436948	3	15
110	A Dendritic Neuron Model with Adaptive Synapses Trained by Differential Evolution Algorithm. <i>Computational Intelligence and Neuroscience</i> , <b>2020</b> , 2020, 2710561	3	14
109	A Gravitational Search Algorithm With Chaotic Neural Oscillators. <i>IEEE Access</i> , <b>2020</b> , 8, 25938-25948	3.5	14
108	A Multiple Diversity-Driven Brain Storm Optimization Algorithm With Adaptive Parameters. <i>IEEE Access</i> , <b>2019</b> , 7, 126871-126888	3.5	14
107	Adoption of an improved PSO to explore a compound multi-objective energy function in protein structure prediction. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 72, 539-551	7.5	14

106	A Two-Layered Framework for the Discovery of Software Behavior: A Case Study. <i>IEICE Transactions on Information and Systems</i> , <b>2018</b> , E101.D, 2005-2014	0.6	13
105	A Multi-Layered Immune System for Graph Planarization Problem. <i>IEICE Transactions on Information and Systems</i> , <b>2009</b> , E92-D, 2498-2507	0.6	13
104	An Improved Clonal Selection Algorithm and Its Application to Traveling Salesman Problems. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2007</b> , E90-A, 2930-2938	0.4	13
103	Quantum Interference Crossover-Based Clonal Selection Algorithm and Its Application to Traveling Salesman Problem. <i>IEICE Transactions on Information and Systems</i> , <b>2009</b> , E92-D, 78-85	0.6	12
102	Multiobjective Multiple Neighborhood Search Algorithms for Multiobjective Fleet Size and Mix Location-Routing Problem With Time Windows. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2284-2298	7.3	12
101	PMPSO: A near-optimal graph planarization algorithm using probability model based particle swarm optimization <b>2015</b> ,		11
100	An Expanded Lateral Interactive Clonal Selection Algorithm and Its Application. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2008</b> , E91-A, 2223-2231	0.4	11
99	Cooperative Evolutionary Framework With Focused Search for Many-Objective Optimization. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2020</b> , 4, 398-412	4.1	11
98	An effective recommendation model based on deep representation learning. <i>Information Sciences</i> , <b>2021</b> , 542, 324-342	7.7	11
97	Dendritic neuron model trained by information feedback-enhanced differential evolution algorithm for classification. <i>Knowledge-Based Systems</i> , <b>2021</b> , 233, 107536	7.3	11
96	A seasonal-trend decomposition-based dendritic neuron model for financial time series prediction. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 108, 107488	7.5	11
95	Reliability analysis for the fractional-order circuit system subject to the uncertain random fractional-order model with Caputo type. <i>Journal of Advanced Research</i> , <b>2021</b> , 32, 15-26	13	11
94	A Novel Method for Predicting Vehicle State in Internet of Vehicles. <i>Mobile Information Systems</i> , <b>2018</b> , 2018, 1-13	1.4	10
93	Improved pattern recognition with complex artificial immune system. <i>Soft Computing</i> , <b>2009</b> , 13, 1209-1217	3.5	10
92	Improving Dendritic Neuron Model With Dynamic Scale-Free Network-Based Differential Evolution. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 9, 99-110	7	10
91	Comparative Study on Single and Multiple Chaotic Maps Incorporated Grey Wolf Optimization Algorithms. <i>IEEE Access</i> , <b>2021</b> , 9, 77416-77437	3.5	10
90	User behavior discovery from low-level software execution log. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2018</b> , 13, 1624-1632	1	9
89	A Multi-Learning Immune Algorithm for Numerical Optimization. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2015</b> , E98.A, 362-377	0.4	8

88	Hybrid Gravitational Search and Clonal Selection Algorithm for Global Optimization. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 1-10	0.9	8
87	A Chaotic Clonal Selection Algorithm and its Application to Synthesize Multiple-Valued Logic Functions. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2010</b> , 5, 105-114	1	8
86	Alternate search pattern-based brain storm optimization. <i>Knowledge-Based Systems</i> , <b>2022</b> , 238, 107896	7.3	8
85	Hybrid Feature Selection Algorithm mRMR-ICA for Cancer Classification from Microarray Gene Expression Data. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2018</b> , 21, 420-430	1.3	8
84	SCJADE: Yet Another State-of-the-Art Differential Evolution Algorithm. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2021</b> , 16, 644-646	1	8
83	Chaotic grey wolf optimization <b>2016</b> ,		7
82	Single dendritic neuron with nonlinear computation capacity: A case study on XOR problem <b>2015</b> ,		7
81	A Novel Memetic Whale Optimization Algorithm for Optimization. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 384-396	0.9	7
80	Adaptive chaotic spherical evolution algorithm. <i>Memetic Computing</i> , <b>2021</b> , 13, 383-411	3.4	7
79	Cooperative Multiobjective Evolutionary Algorithm With Propulsive Population for Constrained Multiobjective Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-16	7.3	7
78	Forecasting house price index of China using dendritic neuron model <b>2016</b> ,		6
77	Local Search with Probabilistic Modeling for Learning Multiple-Valued Logic Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2011</b> , E94-A, 795-805	0.4	6
76	An Improved Local Search Learning Method for Multiple-Valued Logic Network Minimization with Bi-objectives. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2009</b> , E92-A, 594-603	0.4	6
75	MrDNM: A Novel Mutual Information-Based Dendritic Neuron Model. <i>Computational Intelligence and Neuroscience</i> , <b>2019</b> , 2019, 7362931	3	5
74	Towards Comprehensive Support for Business Process Behavior Similarity Measure. <i>IEICE Transactions on Information and Systems</i> , <b>2019</b> , E102.D, 588-597	0.6	5
73	TDSD: A New Evolutionary Algorithm Based on Triple Distinct Search Dynamics. <i>IEEE Access</i> , <b>2020</b> , 8, 76752-76764	3.5	5
72	Training a dendritic neural model with genetic algorithm for classification problems <b>2016</b> ,		5
71	Effects of Rich-gets-richer rule on small-world networks. <i>Neurocomputing</i> , <b>2010</b> , 73, 2286-2289	5.4	5

70	A Hybrid Discrete Imperialist Competition Algorithm for Gene Selection for Microarray Data. <i>Current Proteomics</i> , <b>2018</b> , 15, 99-110	0.7	5
69	A Ladder Spherical Evolution Search Algorithm. <i>IEICE Transactions on Information and Systems</i> , <b>2021</b> , E104.D, 461-464	0.6	5
68	A Dynamic Evolution Mechanism for IoV Community in an Urban Scene. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 7521-7530	10.7	5
67	Discrete Chaotic Gravitational Search Algorithm for Unit Commitment Problem. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 757-769	0.9	5
66	Fully Complex-valued Dendritic Neuron Model. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	5
65	Brain storm optimization with adaptive search radius for optimization <b>2017</b> ,		4
64	Research on the Prediction-Based Clustering Method in the Community of Medical Vehicles for Connected Health. <i>IEEE Access</i> , <b>2019</b> , 7, 71884-71896	3.5	4
63	Multi-valued Neural Network Trained by Differential Evolution for Synthesizing Multiple-Valued Functions <b>2015</b> ,		4
62	An Artificial Immune System with Feedback Mechanisms for Effective Handling of Population Size. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2010</b> , E93-A, 532-541	0.4	4
61	Inertial Estimator Learning Automata. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2012</b> , E95.A, 1041-1048	0.4	4
60	A Stochastic Dynamic Local Search Method for Learning Multiple-Valued Logic Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2007</b> , E90-A, 1085-1092	0.4	4
59	A Novel Median Dendritic Neuron Model for Prediction. <i>IEEE Access</i> , <b>2020</b> , 8, 192339-192351	3.5	4
58	A Hybrid Salp Swarm Algorithm With Gravitational Search Mechanism <b>2018</b> ,		4
57	Dendritic Neuron Model Trained by Biogeography-Based Optimization for Crude Oil Price Forecasting <b>2018</b> ,		4
56	Reliability analysis of the uncertain fractional-order dynamic system with state constraint. <i>Mathematical Methods in the Applied Sciences</i> , <b>2022</b> , 45, 2615-2637	2.3	4
55	A Novel Distributed Gravitational Search Algorithm With Multi-Layered Information Interaction. <i>IEEE Access</i> , <b>2021</b> , 9, 166552-166565	3.5	3
54	A population diversity-controlled differential evolution for parameter estimation of solar photovoltaic models. <i>Sustainable Energy Technologies and Assessments</i> , <b>2022</b> , 51, 101938	4.7	3
53	Dendritic convolutional neural network. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> ,	1	3

52	Brain Storm Algorithm Combined with Covariance Matrix Adaptation Evolution Strategy for Optimization. <i>Adaptation, Learning, and Optimization</i> , <b>2019</b> , 123-154	0.7	3
51	Multiple Chaotic Cuckoo Search Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 531-542	0.9	3
50	Location Prediction Model Based on the Internet of Vehicles for Assistance to Medical Vehicles. <i>IEEE Access</i> , <b>2020</b> , 8, 10754-10767	3.5	3
49	Adaptive Shape Kernel-Based Mean Shift Tracker in Robot Vision System. <i>Computational Intelligence and Neuroscience</i> , <b>2016</b> , 2016, 6040232	3	3
48	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
47	An Improved Firefly Algorithm Enhanced by Negatively Correlated Search Mechanism <b>2018</b> ,		3
46	An optimized collaborative filtering method to construct spatial-temporal behavior pattern-based user interest model. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2017</b> , 12, 221-227	1	2
45	Complete receptor editing operation based on quantum clonal selection algorithm for optimization problems. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2019</b> , 14, 411-421	1	2
44	A novel mutual information based ant colony classifier <b>2017</b> ,		2
43	Galactic Gravitational Search Algorithm for Numerical Optimization. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 397-409	0.9	2
42	Gravitational search algorithm combined with modified differential evolution learning for planarization in graph drawing <b>2017</b> ,		2
41	ANNEALED CHAOTIC LEARNING FOR TIME SERIES PREDICTION IN IMPROVED NEURO-FUZZY NETWORK WITH FEEDBACKS. <i>International Journal of Computational Intelligence and Applications</i> , <b>2009</b> , 08, 429-444	1.2	2
40	An Improved Transiently Chaotic Neural Network with Multiple Chaotic Dynamics for Maximum Clique Problem <b>2007</b> ,		2
39	Spatial information sampling: another feedback mechanism of realising adaptive parameter control in meta-heuristic algorithms. <i>International Journal of Bio-Inspired Computation</i> , <b>2022</b> , 19, 48	2.9	2
38	A Simple but Efficient Ranking-Based Differential Evolution. <i>IEICE Transactions on Information and Systems</i> , <b>2022</b> , E105.D, 189-192	0.6	2
37	Adaptive Immune-Genetic Algorithm for Fuzzy Job Shop Scheduling Problems. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 246-257	0.9	2
36	Ant Colony Optimization with Neighborhood Search for Dynamic TSP. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 434-442	0.9	2
35	Enhancing the learning capacity of immunological algorithms: a comprehensive study of learning operators		2



34	Improving Artificial Bee Colony Algorithm with Historical Archive. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 185-190	0.3	2
33	Exploitation Enhanced Sine Cosine Algorithm with Compromised Population Diversity for Optimization <b>2018</b> ,		2
32	A Novel Backtracking Search with Grey Wolf Algorithm for Optimization <b>2018</b> ,		2
31	Learning and fusing multiple hidden substages for action quality assessment. <i>Knowledge-Based Systems</i> , <b>2021</b> , 229, 107388	7.3	2
30	MO4: A Many-objective Evolutionary Algorithm for Protein Structure Prediction. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2021</b> , 1-1	15.6	2
29	An intelligent metaphor-free spatial information sampling algorithm for balancing exploitation and exploration. <i>Knowledge-Based Systems</i> , <b>2022</b> , 109081	7.3	2
28	An opposition learning and spiral modelling based arithmetic optimization algorithm for global continuous optimization problems. <i>Engineering Applications of Artificial Intelligence</i> , <b>2022</b> , 113, 104981	7.2	2
27	A Hybrid Spherical Search and Sine Cosine Algorithm <b>2020</b> ,		1
26	A Buffer Overflow Based Algorithm to Conceal Software Watermarking Trigger Behavior. <i>IEICE Transactions on Information and Systems</i> , <b>2014</b> , E97.D, 524-532	0.6	1
25	Visual netlogo-based simulation of anti-SARS immune system and low-to-high resolution reconstruction of sequence medical ct images anti-sars CT <b>2015</b> ,		1
24	A dendritic neuron model for exchange rate prediction <b>2015</b> ,		1
23	Dynamic Clone Population Based Artificial Immune System <b>2007</b> ,		1
22	Self-trained prediction model and novel anomaly score mechanism for video anomaly detection. <i>Image and Vision Computing</i> , <b>2022</b> , 119, 104391	3.7	1
21	A Hybrid Hypercube and Spherical Evolution for Optimization <b>2019</b> ,		1
20	A Sine Cosine Algorithm Enhanced Spherical Evolution for Continuous Optimization Problems <b>2020</b> ,		1
19	Differential Evolution-Based Wingsuit Flying Search for Optimization <b>2020</b> ,		1
18	Handling Multiobjectives with Adaptive Mutation Based (varepsilon)-Dominance Differential Evolution. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 523-532	0.9	1
17	A Novel Brain Storm Optimization Algorithm Driven by Sine-Cosine Search Mechanism <b>2020</b> ,		1

16	Key Properties of Connectivity in Vehicle Ad-hoc Network. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 328-339	3.9	1
15	A Fluid Mechanics-Based Model to Estimate VINET Capacity in an Urban Scene. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-9	6.1	1
14	A Dendritic Neuron Model with Nonlinearity Validation on Istanbul Stock and Taiwan Futures Exchange Indexes Prediction <b>2018</b> ,		1
13	Using Grey Wolf Hunting Mechanism to Improve Brain Storm Optimization <b>2018</b> ,		1
12	An Efficient Negative Correlation Gravitational Search Algorithm <b>2018</b> ,		1
11	Negative Correlation Learning Enhanced Search Behavior in Backtracking Search Optimization <b>2018</b> ,		1
10	Broad Learning Can Tolerate Noise in Image Recognition. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , <b>2021</b> , 16, 167-169	1	1
9	PAIDDE: A Permutation-Archive Information Directed Differential Evolution Algorithm. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	1
8	Improved Binary Imperialist Competition Algorithm for Feature Selection from Gene Expression Data. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 67-78	0.9	0
7	Optimized geometric LDPC codes with quasi-cyclic structure. <i>Journal of Communications and Networks</i> , <b>2014</b> , 16, 249-257	4.1	0
6	Preliminary investigation on clutter filtering based on deep learning. <i>Japanese Journal of Applied Physics</i> , <b>2021</b> , 60, SDDE21	1.4	0
5	Fitness-Distance Balance with Functional Weights: A New Selection Method for Evolutionary Algorithms. <i>IEICE Transactions on Information and Systems</i> , <b>2021</b> , E104.D, 1789-1792	0.6	0
4	Wingsuit Flying Search Enhanced by Spherical Evolution. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 3-16	0.3	0
3	Construction-and-extraction Based Index for Images Retrieval. <i>IEEJ Transactions on Electronics, Information and Systems</i> , <b>2011</b> , 131, 1377-1383	0.1	
2	Robot and Neuroscience Technology: Computational and Engineering Approaches in Medicine. <i>Computational Intelligence and Neuroscience</i> , <b>2016</b> , 2016, 5204510	3	
1	Artificial Clonal Selection Model and Its Application 100-122		