

Shangce Gao

List of Publications by Year in Descending Order

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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	Self-trained prediction model and novel anomaly score mechanism for video anomaly detection. <i>Image and Vision Computing</i> , 2022 , 119, 104391	3.7	1
158	Spatial information sampling: another feedback mechanism of realising adaptive parameter control in meta-heuristic algorithms. <i>International Journal of Bio-Inspired Computation</i> , 2022 , 19, 48	2.9	2
157	A Simple but Efficient Ranking-Based Differential Evolution. <i>IEICE Transactions on Information and Systems</i> , 2022 , E105.D, 189-192	0.6	2
156	Alternate search pattern-based brain storm optimization. <i>Knowledge-Based Systems</i> , 2022 , 238, 107896	7.3	8
155	A population diversity-controlled differential evolution for parameter estimation of solar photovoltaic models. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 51, 101938	4.7	3
154	Improving Dendritic Neuron Model With Dynamic Scale-Free Network-Based Differential Evolution. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022 , 9, 99-110	7	10
153	Reliability analysis of the uncertain fractional-order dynamic system with state constraint. <i>Mathematical Methods in the Applied Sciences</i> , 2022 , 45, 2615-2637	2.3	4
152	PAIDDE: A Permutation-Archive Information Directed Differential Evolution Algorithm. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
151	An intelligent metaphor-free spatial information sampling algorithm for balancing exploitation and exploration. <i>Knowledge-Based Systems</i> , 2022 , 109081	7.3	2
150	An opposition learning and spiral modelling based arithmetic optimization algorithm for global continuous optimization problems. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 113, 104981	7.2	2
149	A Novel Distributed Gravitational Search Algorithm With Multi-Layered Information Interaction. <i>IEEE Access</i> , 2021 , 9, 166552-166565	3.5	3
148	A Ladder Spherical Evolution Search Algorithm. <i>IEICE Transactions on Information and Systems</i> , 2021 , E104.D, 461-464	0.6	5
147	A gravitational search algorithm with hierarchy and distributed framework. <i>Knowledge-Based Systems</i> , 2021 , 218, 106877	7.3	16
146	A Dynamic Evolution Mechanism for IoV Community in an Urban Scene. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7521-7530	10.7	5
145	Preliminary investigation on clutter filtering based on deep learning. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, SDDE21	1.4	0
144	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> , 2021 , 51, 2284-2298	7.3	12
143	An effective recommendation model based on deep representation learning. <i>Information Sciences</i> , 2021 , 542, 324-342	7.7	11

142	Chaotic Local Search-Based Differential Evolution Algorithms for Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3954-3967	7.3	68
141	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
140	Fully Complex-valued Dendritic Neuron Model. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	5
139	Comparative Study on Single and Multiple Chaotic Maps Incorporated Grey Wolf Optimization Algorithms. <i>IEEE Access</i> , 2021 , 9, 77416-77437	3.5	10
138	A Fluid Mechanics-Based Model to Estimate VINET Capacity in an Urban Scene. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-9	6.1	1
137	A multi-layered gravitational search algorithm for function optimization and real-world problems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 94-109	7	45
136	A state-of-the-art differential evolution algorithm for parameter estimation of solar photovoltaic models. <i>Energy Conversion and Management</i> , 2021 , 230, 113784	10.6	40
135	SCJADE: Yet Another State-of-the-Art Differential Evolution Algorithm. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2021 , 16, 644-646	1	8
134	Adaptive chaotic spherical evolution algorithm. <i>Memetic Computing</i> , 2021 , 13, 383-411	3.4	7
133	Dendritic neuron model trained by information feedback-enhanced differential evolution algorithm for classification. <i>Knowledge-Based Systems</i> , 2021 , 233, 107536	7.3	11
132	A seasonal-trend decomposition-based dendritic neuron model for financial time series prediction. <i>Applied Soft Computing Journal</i> , 2021 , 108, 107488	7.5	11
131	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> , 2021 , 32, 15-26	13	11
130	Learning and fusing multiple hidden substages for action quality assessment. <i>Knowledge-Based Systems</i> , 2021 , 229, 107388	7.3	2
129	Fitness-Distance Balance with Functional Weights: A New Selection Method for Evolutionary Algorithms. <i>IEICE Transactions on Information and Systems</i> , 2021 , E104.D, 1789-1792	0.6	0
128	Wingsuit Flying Search Enhanced by Spherical Evolution. <i>Communications in Computer and Information Science</i> , 2021 , 3-16	0.3	0
127	MO4: A Many-objective Evolutionary Algorithm for Protein Structure Prediction. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 1-1	15.6	2
126	Cooperative Multiobjective Evolutionary Algorithm With Propulsive Population for Constrained Multiobjective Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-16	7.3	7
125	Broad Learning Can Tolerate Noise in Image Recognition. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2021 , 16, 167-169	1	1

124	A Hybrid Spherical Search and Sine Cosine Algorithm 2020 ,		1
123	A Connectivity-Prediction-Based Dynamic Clustering Model for VANET in an Urban Scene. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 8410-8418	10.7	33
122	TSDS: A New Evolutionary Algorithm Based on Triple Distinct Search Dynamics. <i>IEEE Access</i> , 2020 , 8, 76752-76764	3.5	5
121	Accessibility Analysis and Modeling for IoV in an Urban Scene. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4246-4256	6.8	47
120	A Dendritic Neuron Model with Adaptive Synapses Trained by Differential Evolution Algorithm. <i>Computational Intelligence and Neuroscience</i> , 2020 , 2020, 2710561	3	14
119	A Gravitational Search Algorithm With Chaotic Neural Oscillators. <i>IEEE Access</i> , 2020 , 8, 25938-25948	3.5	14
118	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. <i>Expert Systems With Applications</i> , 2020 , 152, 113396	7.8	35
117	A Sine Cosine Algorithm Enhanced Spherical Evolution for Continuous Optimization Problems 2020 ,		1
116	Differential Evolution-Based Wingsuit Flying Search for Optimization 2020 ,		1
115	Location Prediction Model Based on the Internet of Vehicles for Assistance to Medical Vehicles. <i>IEEE Access</i> , 2020 , 8, 10754-10767	3.5	3
114	A Novel Brain Storm Optimization Algorithm Driven by Sine-Cosine Search Mechanism 2020 ,		1
113	Solving multitrip pickup and delivery problem with time windows and manpower planning using multiobjective algorithms. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 1134-1153	7	30
112	A Novel Median Dendritic Neuron Model for Prediction. <i>IEEE Access</i> , 2020 , 8, 192339-192351	3.5	4
111	Overlapping Community Change-Point Detection in an Evolving Network. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 189-200	3.2	20
110	Bi-objective Elite Differential Evolution Algorithm for Multivalued Logic Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 233-246	10.2	43
109	A Fluid Mechanics-Based Data Flow Model to Estimate VANET Capacity. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 2603-2614	6.1	20
108	Cooperative Evolutionary Framework With Focused Search for Many-Objective Optimization. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 398-412	4.1	11
107	A review of applications of artificial intelligent algorithms in wind farms. <i>Artificial Intelligence Review</i> , 2020 , 53, 3447-3500	9.7	30

106	A novel machine learning technique for computer-aided diagnosis. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 92, 103627	7.2	18
105	A Differential Evolution-Oriented Pruning Neural Network Model for Bankruptcy Prediction. <i>Complexity</i> , 2019 , 2019, 1-21	1.6	16
104	. <i>IEEE Access</i> , 2019 , 7, 131488-131500	3.5	15
103	MrDNM: A Novel Mutual Information-Based Dendritic Neuron Model. <i>Computational Intelligence and Neuroscience</i> , 2019 , 2019, 7362931	3	5
102	Towards Comprehensive Support for Business Process Behavior Similarity Measure. <i>IEICE Transactions on Information and Systems</i> , 2019 , E102.D, 588-597	0.6	5
101	Global optimum-based search differential evolution. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 379-394	48	
100	A hierarchical gravitational search algorithm with an effective gravitational constant. <i>Swarm and Evolutionary Computation</i> , 2019 , 46, 118-139	9.8	49
99	Complete receptor editing operation based on quantum clonal selection algorithm for optimization problems. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2019 , 14, 411-421	1	2
98	Dendritic Neuron Model With Effective Learning Algorithms for Classification, Approximation, and Prediction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 601-614	10.3	320
97	Research on the Prediction-Based Clustering Method in the Community of Medical Vehicles for Connected Health. <i>IEEE Access</i> , 2019 , 7, 71884-71896	3.5	4
96	A Multiple Diversity-Driven Brain Storm Optimization Algorithm With Adaptive Parameters. <i>IEEE Access</i> , 2019 , 7, 126871-126888	3.5	14
95	A Hybrid Hypercube and Spherical Evolution for Optimization 2019 ,		1
94	Brain Storm Algorithm Combined with Covariance Matrix Adaptation Evolution Strategy for Optimization. <i>Adaptation, Learning, and Optimization</i> , 2019 , 123-154	0.7	3
93	Approximate logic neuron model trained by states of matter search algorithm. <i>Knowledge-Based Systems</i> , 2019 , 163, 120-130	7.3	18
92	An artificial bee colony algorithm search guided by scale-free networks. <i>Information Sciences</i> , 2019 , 473, 142-165	7.7	39
91	A Novel Method for Detecting New Overlapping Community in Complex Evolving Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1832-1844	7.3	35
90	The discovery of population interaction with a power law distribution in brain storm optimization. <i>Memetic Computing</i> , 2019 , 11, 65-87	3.4	25
89	Connectivity Modeling and Analysis for Internet of Vehicles in Urban Road Scene. <i>IEEE Access</i> , 2018 , 6, 2692-2702	3.5	17

88	AIMOES: Archive information assisted multi-objective evolutionary strategy for ab initio protein structure prediction. <i>Knowledge-Based Systems</i> , 2018 , 146, 58-72	7.3	27
87	CBSO: a memetic brain storm optimization with chaotic local search. <i>Memetic Computing</i> , 2018 , 10, 353-367	3.7	56
86	Incorporation of Solvent Effect into Multi-Objective Evolutionary Algorithm for Improved Protein Structure Prediction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 , 15, 1365-1378	3.33	33
85	ASBSO: An Improved Brain Storm Optimization With Flexible Search Length and Memory-Based Selection. <i>IEEE Access</i> , 2018 , 6, 36977-36994	3.5	24
84	A Novel Method for Predicting Vehicle State in Internet of Vehicles. <i>Mobile Information Systems</i> , 2018 , 2018, 1-13	1.4	10
83	User behavior discovery from low-level software execution log. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018 , 13, 1624-1632	1	9
82	A Two-Layered Framework for the Discovery of Software Behavior: A Case Study. <i>IEICE Transactions on Information and Systems</i> , 2018 , E101.D, 2005-2014	0.6	13
81	Galactic Gravitational Search Algorithm for Numerical Optimization. <i>Lecture Notes in Computer Science</i> , 2018 , 397-409	0.9	2
80	Hybrid Feature Selection Algorithm mRMR-ICA for Cancer Classification from Microarray Gene Expression Data. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018 , 21, 420-430	1.3	8
79	A Hybrid Discrete Imperialist Competition Algorithm for Gene Selection for Microarray Data. <i>Current Proteomics</i> , 2018 , 15, 99-110	0.7	5
78	A Novel Memetic Whale Optimization Algorithm for Optimization. <i>Lecture Notes in Computer Science</i> , 2018 , 384-396	0.9	7
77	A Dendritic Neuron Model with Nonlinearity Validation on Istanbul Stock and Taiwan Futures Exchange Indexes Prediction 2018 ,		1
76	An Improved Firefly Algorithm Enhanced by Negatively Correlated Search Mechanism 2018 ,		3
75	Using Grey Wolf Hunting Mechanism to Improve Brain Storm Optimization 2018 ,		1
74	Exploitation Enhanced Sine Cosine Algorithm with Compromised Population Diversity for Optimization 2018 ,		2
73	An Efficient Negative Correlation Gravitational Search Algorithm 2018 ,		1
72	A Hybrid Salp Swarm Algorithm With Gravitational Search Mechanism 2018 ,		4
71	Dendritic Neuron Model Trained by Biogeography-Based Optimization for Crude Oil Price Forecasting 2018 ,		4

70	A Novel Backtracking Search with Grey Wolf Algorithm for Optimization 2018 ,		2
69	Negative Correlation Learning Enhanced Search Behavior in Backtracking Search Optimization 2018 ,		1
68	Adoption of an improved PSO to explore a compound multi-objective energy function in protein structure prediction. <i>Applied Soft Computing Journal</i> , 2018 , 72, 539-551	7.5	14
67	A Pruning Neural Network Model in Credit Classification Analysis. <i>Computational Intelligence and Neuroscience</i> , 2018 , 2018, 9390410	3	31
66	Ensemble of many-objective evolutionary algorithms for many-objective problems. <i>Soft Computing</i> , 2017 , 21, 2407-2419	3.5	16
65	A neuron model with synaptic nonlinearities in a dendritic tree for liver disorders. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017 , 12, 105-115	1	33
64	An optimized collaborative filtering method to construct spatial-temporal behavior pattern-based user interest model. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017 , 12, 221-227	1	2
63	Understanding differential evolution: A Poisson law derived from population interaction network. <i>Journal of Computational Science</i> , 2017 , 21, 140-149	3.4	26
62	A novel mutual information based ant colony classifier 2017 ,		2
61	Brain storm optimization with adaptive search radius for optimization 2017 ,		4
60	Multiple Chaos Embedded Gravitational Search Algorithm. <i>IEICE Transactions on Information and Systems</i> , 2017 , E100.D, 888-900	0.6	27
59	Self-Adaptive Gravitational Search Algorithm With a Modified Chaotic Local Search. <i>IEEE Access</i> , 2017 , 5, 17881-17895	3.5	52
58	Gravitational search algorithm combined with modified differential evolution learning for planarization in graph drawing 2017 ,		2
57	Using a Single Dendritic Neuron to Forecast Tourist Arrivals to Japan. <i>IEICE Transactions on Information and Systems</i> , 2017 , E100.D, 190-202	0.6	29
56	Statistical Modeling and Prediction for Tourism Economy Using Dendritic Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2017 , 2017, 7436948	3	15
55	Multiple Chaotic Cuckoo Search Algorithm. <i>Lecture Notes in Computer Science</i> , 2017 , 531-542	0.9	3
54	Improved Binary Imperialist Competition Algorithm for Feature Selection from Gene Expression Data. <i>Lecture Notes in Computer Science</i> , 2016 , 67-78	0.9	0
53	Forecasting house price index of China using dendritic neuron model 2016 ,		6

52	Time Performance Optimization and Resource Conflicts Resolution for Multiple Project Management. <i>IEICE Transactions on Information and Systems</i> , 2016 , E99.D, 650-660	0.6	18
51	Chaotic grey wolf optimization 2016 ,		7
50	Training a dendritic neural model with genetic algorithm for classification problems 2016 ,		5
49	Ant Colony Optimization with Neighborhood Search for Dynamic TSP. <i>Lecture Notes in Computer Science</i> , 2016 , 434-442	0.9	2
48	Robot and Neuroscience Technology: Computational and Engineering Approaches in Medicine. <i>Computational Intelligence and Neuroscience</i> , 2016 , 2016, 5204510	3	
47	Adaptive Shape Kernel-Based Mean Shift Tracker in Robot Vision System. <i>Computational Intelligence and Neuroscience</i> , 2016 , 2016, 6040232	3	3
46	Immune algorithm combined with estimation of distribution for traveling salesman problem. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2016 , 11, S142	1	21
45	A Hybrid Discrete Imperialist Competition Algorithm for Fuzzy Job-Shop Scheduling Problems. <i>IEEE Access</i> , 2016 , 4, 9320-9331	3.5	20
44	Improving Artificial Bee Colony Algorithm with Historical Archive. <i>Communications in Computer and Information Science</i> , 2016 , 185-190	0.3	2
43	Financial time series prediction using a dendritic neuron model. <i>Knowledge-Based Systems</i> , 2016 , 105, 214-224	7.3	102
42	An approximate logic neuron model with a dendritic structure. <i>Neurocomputing</i> , 2016 , 173, 1775-1783	5.4	43
41	Ant colony optimization with clustering for solving the dynamic location routing problem. <i>Applied Mathematics and Computation</i> , 2016 , 285, 149-173	2.7	115
40	Key Properties of Connectivity in Vehicle Ad-hoc Network. <i>Lecture Notes in Computer Science</i> , 2016 , 328-339		1
39	Discrete Chaotic Gravitational Search Algorithm for Unit Commitment Problem. <i>Lecture Notes in Computer Science</i> , 2016 , 757-769	0.9	5
38	Improved chaotic gravitational search algorithms for global optimization 2015 ,		21
37	PMPSO: A near-optimal graph planarization algorithm using probability model based particle swarm optimization 2015 ,		11
36	Single dendritic neuron with nonlinear computation capacity: A case study on XOR problem 2015 ,		7
35	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

34	A Breast Cancer Classifier Using a Neuron Model with Dendritic Nonlinearity. <i>IEICE Transactions on Information and Systems</i> , 2015 , E98.D, 1365-1376	0.6	26
33	A dendritic neuron model for exchange rate prediction 2015 ,		1
32	A Multi-Learning Immune Algorithm for Numerical Optimization. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2015 , E98.A, 362-377	0.4	8
31	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015 , 16, 2339-2352	6.1	235
30	Multi-valued Neural Network Trained by Differential Evolution for Synthesizing Multiple-Valued Functions 2015 ,		4
29	Handling Multiobjectives with Adaptive Mutation Based (varepsilon)-Dominance Differential Evolution. <i>Lecture Notes in Computer Science</i> , 2015 , 523-532	0.9	1
28	Optimized geometric LDPC codes with quasi-cyclic structure. <i>Journal of Communications and Networks</i> , 2014 , 16, 249-257	4.1	0
27	Graph planarization problem optimization based on triple-valued gravitational search algorithm. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2014 , 9, 39-48	1	19
26	Gravitational search algorithm combined with chaos for unconstrained numerical optimization. <i>Applied Mathematics and Computation</i> , 2014 , 231, 48-62	2.7	84
25	A Buffer Overflow Based Algorithm to Conceal Software Watermarking Trigger Behavior. <i>IEICE Transactions on Information and Systems</i> , 2014 , E97.D, 524-532	0.6	1
24	Adaptive Immune-Genetic Algorithm for Fuzzy Job Shop Scheduling Problems. <i>Lecture Notes in Computer Science</i> , 2014 , 246-257	0.9	2
23	Hybrid Gravitational Search and Clonal Selection Algorithm for Global Optimization. <i>Lecture Notes in Computer Science</i> , 2013 , 1-10	0.9	8
22	Inertial Estimator Learning Automata. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2012 , E95.A, 1041-1048	0.4	4
21	Local Search with Probabilistic Modeling for Learning Multiple-Valued Logic Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2011 , E94-A, 795-805	0.4	6
20	Construction-and-extraction Based Index for Images Retrieval. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2011 , 131, 1377-1383	0.1	
19	Effects of Rich-gets-richer rule on small-world networks. <i>Neurocomputing</i> , 2010 , 73, 2286-2289	5.4	5
18	A Chaotic Clonal Selection Algorithm and its Application to Synthesize Multiple-Valued Logic Functions. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2010 , 5, 105-114	1	8
17	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> , 2010 , E93-A, 532-541	0.4	4

16	Batch type local search-based adaptive neuro-fuzzy inference system (ANFIS) with self-feedbacks for time-series prediction. <i>Neurocomputing</i> , 2009 , 72, 1870-1877	5.4	47
15	Improved pattern recognition with complex artificial immune system. <i>Soft Computing</i> , 2009 , 13, 1209-1217	3.7	10
14	ANNEALED CHAOTIC LEARNING FOR TIME SERIES PREDICTION IN IMPROVED NEURO-FUZZY NETWORK WITH FEEDBACKS. <i>International Journal of Computational Intelligence and Applications</i> , 2009 , 08, 429-444	1.2	2
13	A Multi-Layered Immune System for Graph Planarization Problem. <i>IEICE Transactions on Information and Systems</i> , 2009 , E92-D, 2498-2507	0.6	13
12	Quantum Interference Crossover-Based Clonal Selection Algorithm and Its Application to Traveling Salesman Problem. <i>IEICE Transactions on Information and Systems</i> , 2009 , E92-D, 78-85	0.6	12
11	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> , 2009 , E92-A, 594-603	0.4	6
10	Improved Clonal Selection Algorithm Combined with Ant Colony Optimization. <i>IEICE Transactions on Information and Systems</i> , 2008 , E91-D, 1813-1823	0.6	24
9	An Expanded Lateral Interactive Clonal Selection Algorithm and Its Application. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2008 , E91-A, 2223-2231	0.4	11
8	Dynamic Clone Population Based Artificial Immune System 2007 ,		1
7	An Improved Transiently Chaotic Neural Network with Multiple Chaotic Dynamics for Maximum Clique Problem 2007 ,		2
6	A Novel Clonal Selection Algorithm and Its Application to Traveling Salesman Problem. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2007 , E90-A, 2318-2325	0.4	16
5	An Improved Clonal Selection Algorithm and Its Application to Traveling Salesman Problems. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2007 , E90-A, 2930-2938	0.4	13
4	A Stochastic Dynamic Local Search Method for Learning Multiple-Valued Logic Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2007 , E90-A, 1085-1092	0.4	4
3	Dendritic convolutional neural network. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> ,	1	3
2	Enhancing the learning capacity of immunological algorithms: a comprehensive study of learning operators		2
1	Artificial Clonal Selection Model and Its Application	100-122	