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	Fully Complex-Valued Dendritic Neuron Model. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2105-2118.	11.3	35
2	TransGait: Multimodal-based gait recognition with set transformer. Applied Intelligence, 2023, 53, 1535-1547.	5.3	11
3	A Dynamic Evolution Method for Autonomous Vehicle Groups in a Highway Scene. IEEE Internet of Things Journal, 2022, 9, 1445-1457.	8.7	14
4	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
5	MO4: A Many-Objective Evolutionary Algorithm for Protein Structure Prediction. IEEE Transactions on Evolutionary Computation, 2022, 26, 417-430.	10.0	48
6	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
7	Dendritic Convolutional Neural Network. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 302-304.	1.4	11
8	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
9	A Simple but Efficient Ranking-Based Differential Evolution. IEICE Transactions on Information and Systems, 2022, E105.D, 189-192.	0.7	15
10	Alternate search pattern-based brain storm optimization. Knowledge-Based Systems, 2022, 238, 107896.	7.1	23
11	A population diversity-controlled differential evolution for parameter estimation of solar photovoltaic models. Sustainable Energy Technologies and Assessments, 2022, 51, 101938.	2.7	14
12	Self-trained prediction model and novel anomaly score mechanism for video anomaly detection. Image and Vision Computing, 2022, 119, 104391.	4.5	13
13	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
14	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
15	Reliability analysis of the uncertain fractionalâ€order dynamic system with state constraint. Mathematical Methods in the Applied Sciences, 2022, 45, 2615-2637.	2.3	12
16	PAIDDE: A Permutation-Archive Information Directed Differential Evolution Algorithm. IEEE Access, 2022, 10, 50384-50402.	4.2	10
17	An intelligent metaphor-free spatial information sampling algorithm for balancing exploitation and exploration. Knowledge-Based Systems, 2022, 250, 109081.	7.1	23
18	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

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19	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
20	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
21	An effective recommendation model based on deep representation learning. Information Sciences, 2021, 542, 324-342.	6.9	36
22	Chaotic Local Search-Based Differential Evolution Algorithms for Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3954-3967.	9.3	202
23	Comparative Study on Single and Multiple Chaotic Maps Incorporated Grey Wolf Optimization Algorithms. IEEE Access, 2021, 9, 77416-77437.	4.2	39
24	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
25	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
26	<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
27	A Ladder Spherical Evolution Search Algorithm. IEICE Transactions on Information and Systems, 2021, E104.D, 461-464.	0.7	25
28	A gravitational search algorithm with hierarchy and distributed framework. Knowledge-Based Systems, 2021, 218, 106877.	7.1	56
29	A Dynamic Evolution Mechanism for IoV Community in an Urban Scene. IEEE Internet of Things Journal, 2021, 8, 7521-7530.	8.7	16
30	Preliminary investigation on clutter filtering based on deep learning. Japanese Journal of Applied Physics, 2021, 60, SDDE21.	1.5	1
31	Adaptive chaotic spherical evolution algorithm. Memetic Computing, 2021, 13, 383-411.	4.0	22
32	Dendritic neuron model trained by information feedback-enhanced differential evolution algorithm for classification. Knowledge-Based Systems, 2021, 233, 107536.	7.1	27
33	A seasonal-trend decomposition-based dendritic neuron model for financial time series prediction. Applied Soft Computing Journal, 2021, 108, 107488.	7.2	68
34	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
35	Learning and fusing multiple hidden substages for action quality assessment. Knowledge-Based Systems, 2021, 229, 107388.	7.1	14
36	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

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37	Wingsuit Flying Search Enhanced by Spherical Evolution. Communications in Computer and Information Science, 2021, , 3-16.	0.5	1
38	Broad Learning Can Tolerate Noise in Image Recognition. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 167-169.	1.4	1
39	Incorporation of Improved Differential Evolution into Hunger Games Search Algorithm. , 2021, , .		1
40	A Novel Distributed Gravitational Search Algorithm With Multi-Layered Information Interaction. IEEE Access, 2021, 9, 166552-166565.	4.2	11
41	Evolutionary Dendritic Neuron Model Learned by A State-of-the-art Evolutionary Learning Algorithm. , 2021, , .		0
42	A Multi-population Water Wave Optimization Algorithm. , 2021, , .		2
43	A Cooperative Coevolution Wingsuit Flying Search Algorithm with Spherical Evolution. International Journal of Computational Intelligence Systems, 2021, 14, .	2.7	14
44	A Co-Evolutionary Hybrid ACO for Solving Traveling Salesman Problem. , 2021, , .		0
45	Differential Whale Optimization Algorithm. , 2021, , .		2
46	Overlapping Community Change-Point Detection in an Evolving Network. IEEE Transactions on Big Data, 2020, 6, 189-200.	6.1	38
47	Bi-objective Elite Differential Evolution Algorithm for Multivalued Logic Networks. IEEE Transactions on Cybernetics, 2020, 50, 233-246.	9.5	87
48	A Fluid Mechanics-Based Data Flow Model to Estimate VANET Capacity. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2603-2614.	8.0	44
49	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
50	A review of applications of artificial intelligent algorithms in wind farms. Artificial Intelligence Review, 2020, 53, 3447-3500.	15.7	86
51	Location Prediction Model Based on the Internet of Vehicles for Assistance to Medical Vehicles. IEEE Access, 2020, 8, 10754-10767.	4.2	6
52	A Novel Brain Storm Optimization Algorithm Driven by Sine-Cosine Search Mechanism. , 2020, , .		3
53	A Novel Spherical Search Based Grey Wolf Optimizer for Optimization Problems. , 2020, , .		1
54	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

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55	Improved Teaching-Learning-based Optimization Algorithm with Advanced Learning Strategy. , 2020, , .		0
56	A Hybrid Spherical Search and Moth-flame optimization Algorithm. , 2020, , .		1
57	A Spherical Search-based Archive Update Mechanism for Self-adaptive Differential Evolution. , 2020, , .		0
58	A Hybrid Spherical Evolution and Particle Swarm Optimization Algorithm. , 2020, , .		2
59	A Novel Median Dendritic Neuron Model for Prediction. IEEE Access, 2020, 8, 192339-192351.	4.2	11
60	A Hybrid Spherical Search and Sine Cosine Algorithm. , 2020, , .		2
61	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
62	TDSD: A New Evolutionary Algorithm Based on Triple Distinct Search Dynamics. IEEE Access, 2020, 8, 76752-76764.	4.2	16
63	Accessibility Analysis and Modeling for IoV in an Urban Scene. IEEE Transactions on Vehicular Technology, 2020, 69, 4246-4256.	6.3	85
64	A Dendritic Neuron Model with Adaptive Synapses Trained by Differential Evolution Algorithm. Computational Intelligence and Neuroscience, 2020, 2020, 1-19.	1.7	33
65	A Gravitational Search Algorithm With Chaotic Neural Oscillators. IEEE Access, 2020, 8, 25938-25948.	4.2	34
66	An aggregative learning gravitational search algorithm with self-adaptive gravitational constants. Expert Systems With Applications, 2020, 152, 113396.	7.6	90
67	A novel machine learning technique for computer-aided diagnosis. Engineering Applications of Artificial Intelligence, 2020, 92, 103627.	8.1	41
68	A Sine Cosine Algorithm Enhanced Spherical Evolution for Continuous Optimization Problems. , 2020, , .		3
69	Using Grey Wolf Hunting Mechanism to Improve Spherical Search. , 2020, , .		1
70	Training Dendritic Neuron Model with Whale Optimization Algorithm for Classification. , 2020, , .		3
71	Spherical Evolution Enhanced with Salp Swarm Algorithm. , 2020, , .		3
72	A Hybrid Spherical Search and Whale Optimization Algorithm. , 2020, , .		1

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73	Single Dendritic Neuron Model Trained by Spherical Search Algorithm For Classification. , 2020, , .		4
74	Differential Evolution-Based Wingsuit Flying Search for Optimization. , 2020, , .		2
75	A Novel Optimization Algorithm Inherited From Gravitational and Spherical Search Dynamics. , 2020, , .		1
76	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
77	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
78	Cloud computingâ€"based big data processing and intelligent analytics. Concurrency Computation Practice and Experience, 2019, 31, e5531.	2.2	0
79	A Multiple Diversity-Driven Brain Storm Optimization Algorithm With Adaptive Parameters. IEEE Access, 2019, 7, 126871-126888.	4.2	27
80	A Differential Evolution-Oriented Pruning Neural Network Model for Bankruptcy Prediction. Complexity, 2019, 2019, 1-21.	1.6	36
81	Performance Analysis for Cooperative NOMA With Opportunistic Relay Selection. IEEE Access, 2019, 7, 131488-131500.	4.2	30
82	MrM^2DNM: A Novel Mutual Information-Based Dendritic Neuron Model. Computational Intelligence and Neuroscience, 2019, 2019, 1-13.	1.7	13
83	Towards Comprehensive Support for Business Process Behavior Similarity Measure. IEICE Transactions on Information and Systems, 2019, E102.D, 588-597.	0.7	11
84	Global optimum-based search differential evolution. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 379-394.	13.1	89
85	A hierarchical gravitational search algorithm with an effective gravitational constant. Swarm and Evolutionary Computation, 2019, 46, 118-139.	8.1	98
86	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
87	Approximate logic neuron model trained by states of matter search algorithm. Knowledge-Based Systems, 2019, 163, 120-130.	7.1	35
88	An artificial bee colony algorithm search guided by scale-free networks. Information Sciences, 2019, 473, 142-165.	6.9	54
89	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
90	The discovery of population interaction with a power law distribution in brain storm optimization. Memetic Computing, 2019, 11, 65-87.	4.0	43

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91	Brain Storm Algorithm Combined with Covariance Matrix Adaptation Evolution Strategy for Optimization. Adaptation, Learning, and Optimization, 2019, , 123-154.	0.6	5
92	A Hybrid Hypercube and Spherical Evolution for Optimization. , 2019, , .		2
93	A Negatively Correlation-Based Selection Strategy for Parameter Adaptation in SHADE. , 2019, , .		0
94	Ant Lion-Based Random Walk Differential Evolution Algorithm for Optimization and Clustering. , 2019, , .		3
95	Connectivity Modeling and Analysis for Internet of Vehicles in Urban Road Scene. IEEE Access, 2018, 6, 2692-2702.	4.2	25
96	AIMOES: Archive information assisted multi-objective evolutionary strategy for ab initio protein structure prediction. Knowledge-Based Systems, 2018, 146, 58-72.	7.1	46
97	CBSO: a memetic brain storm optimization with chaotic local search. Memetic Computing, 2018, 10, 353-367.	4.0	103
98	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
99	A Dendritic Neuron Model with Nonlinearity Validation on Istanbul Stock and Taiwan Futures Exchange Indexes Prediction. , 2018, , .		6
100	An Improved Firefly Algorithm Enhanced by Negatively Correlated Search Mechanism. , 2018, , .		3
101	Using Grey Wolf Hunting Mechanism to Improve Brain Storm Optimization. , 2018, , .		2
102	Recognition Effects of Deep Convolutional Neural Network on Smudged Handwritten Digits. , 2018, , .		0
103	Exploitation Enhanced Sine Cosine Algorithm with Compromised Population Diversity for Optimization. , 2018, , .		3
104	An Efficient Negative Correlation Gravitational Search Algorithm. , 2018, , .		1
105	A Hybrid Salp Swarm Algorithm With Gravitational Search Mechanism. , 2018, , .		6
106	Dendritic Neuron Model Trained by Biogeography-Based Optimization for Crude Oil Price Forecasting. , 2018, , .		11
107	A Novel Backtracking Search with Grey Wolf Algorithm for Optimization. , 2018, , .		3
108	Negative Correlation Learning Enhanced Search Behavior in Backtracking Search Optimization. , 2018, , .		1

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109	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
110	A Pruning Neural Network Model in Credit Classification Analysis. Computational Intelligence and Neuroscience, 2018, 2018, 1-22.	1.7	49
111	ASBSO: An Improved Brain Storm Optimization With Flexible Search Length and Memory-Based Selection. IEEE Access, 2018, 6, 36977-36994.	4.2	33
112	A Novel Method for Predicting Vehicle State in Internet of Vehicles. Mobile Information Systems, 2018, 2018, 1-13.	0.6	14
113	User behavior discovery from low-level software execution log. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1624-1632.	1.4	10
114	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
115	Galactic Gravitational Search Algorithm for Numerical Optimization. Lecture Notes in Computer Science, 2018, , 397-409.	1.3	2
116	A Novel Memetic Whale Optimization Algorithm for Optimization. Lecture Notes in Computer Science, 2018, , 384-396.	1.3	14
117	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
118	A Hybrid Discrete Imperialist Competition Algorithm for Gene Selection for Microarray Data. Current Proteomics, 2018, 15, 99-110.	0.3	8
119	Ensemble of many-objective evolutionary algorithms for many-objective problems. Soft Computing, 2017, 21, 2407-2419.	3.6	26
120	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
121	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
122	Understanding differential evolution: A Poisson law derived from population interaction network. Journal of Computational Science, 2017, 21, 140-149.	2.9	44
123	Self-Adaptive Gravitational Search Algorithm With a Modified Chaotic Local Search. IEEE Access, 2017, 5, 17881-17895.	4.2	67
124	Gravitational search algorithm combined with modified differential evolution learning for planarization in graph drawing. , 2017, , .		2
125	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
126	Statistical Modeling and Prediction for Tourism Economy Using Dendritic Neural Network. Computational Intelligence and Neuroscience, 2017, 2017, 1-9.	1.7	28

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127	A novel mutual information based ant colony classifier. , 2017, , .		2
128	A preference-based multi-objective evolutionary strategy for Ab initio prediction of proteins. , 2017, , .		1
129	Brain storm optimization with adaptive search radius for optimization. , 2017, , .		6
130	Multiple Chaos Embedded Gravitational Search Algorithm. IEICE Transactions on Information and Systems, 2017, E100.D, 888-900.	0.7	41
131	Multiple Chaotic Cuckoo Search Algorithm. Lecture Notes in Computer Science, 2017, , 531-542.	1.3	4
132	Robot and Neuroscience Technology: Computational and Engineering Approaches in Medicine. Computational Intelligence and Neuroscience, 2016, 2016, 1-1.	1.7	0
133	Adaptive Shape Kernel-Based Mean Shift Tracker in Robot Vision System. Computational Intelligence and Neuroscience, 2016, 2016, 1-8.	1.7	5
134	Immune algorithm combined with estimation of distribution for traveling salesman problem. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, S142.	1.4	28
135	A Hybrid Discrete Imperialist Competition Algorithm for Fuzzy Job-Shop Scheduling Problems. IEEE Access, 2016, 4, 9320-9331.	4.2	27
136	Improving Artificial Bee Colony Algorithm with Historical Archive. Communications in Computer and Information Science, 2016, , 185-190.	0.5	2
137	Financial time series prediction using a dendritic neuron model. Knowledge-Based Systems, 2016, 105, 214-224.	7.1	151
138	An approximate logic neuron model with a dendritic structure. Neurocomputing, 2016, 173, 1775-1783.	5.9	74
139	Ant colony optimization with clustering for solving the dynamic location routing problem. Applied Mathematics and Computation, 2016, 285, 149-173.	2.2	169
140	Key Properties of Connectivity in Vehicle Ad-hoc Network. Lecture Notes in Computer Science, 2016, , 328-339.	1.3	1
141	Improved Binary Imperialist Competition Algorithm for Feature Selection from Gene Expression Data. Lecture Notes in Computer Science, 2016, , 67-78.	1.3	2
142	Forecasting house price index of China using dendritic neuron model. , 2016, , .		11
143	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
144	Chaotic grey wolf optimization. , 2016, , .		14

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145	Training a dendritic neural model with genetic algorithm for classification problems. , 2016, , .		12
146	Ant Colony Optimization with Neighborhood Search for Dynamic TSP. Lecture Notes in Computer Science, 2016, , 434-442.	1.3	3
147	PMPSO: A near-optimal graph planarization algorithm using probability model based particle swarm optimization. , 2015, , .		12
148	Single dendritic neuron with nonlinear computation capacity: A case study on XOR problem. , 2015, , .		11
149	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
150	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
151	A dendritic neuron model for exchange rate prediction. , 2015, , .		1
152	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
153	Routing in Internet of Vehicles: A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2339-2352.	8.0	318
154	Multi-valued Neural Network Trained by Differential Evolution for Synthesizing Multiple-Valued Functions. , 2015, , .		5
155	Improved chaotic gravitational search algorithms for global optimization. , 2015, , .		26
156	Handling Multiobjectives with Adaptive Mutation Based $$varepsilon $$ $\hat{I}\mu$ -Dominance Differential Evolution. Lecture Notes in Computer Science, 2015, , 523-532.	1.3	2
157	Optimized geometric LDPC codes with quasi-cyclic structure. Journal of Communications and Networks, 2014, 16, 249-257.	2.6	1
158	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
159	Gravitational search algorithm combined with chaos for unconstrained numerical optimization. Applied Mathematics and Computation, 2014, 231, 48-62.	2.2	117
160	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
161	Adaptive Immune-Genetic Algorithm for Fuzzy Job Shop Scheduling Problems. Lecture Notes in Computer Science, 2014, , 246-257.	1.3	2
162	Hybrid Gravitational Search and Clonal Selection Algorithm for Global Optimization. Lecture Notes in Computer Science, 2013, , 1-10.	1.3	12

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163	Unsupervised up-to-bottom hierarchical clustering elastic net algorithm for TSP. , 2012, , .		0
164	Inertial Estimator Learning Automata. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 1041-1048.	0.3	4
165	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
166	Construction-and-extraction Based Index for Images Retrieval. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1377-1383.	0.2	0
167	Effects of â€œrich-gets-richerâ€•rule on small-world networks. Neurocomputing, 2010, 73, 2286-2289.	5.9	6
168	A Chaotic Clonal Selection Algorithm and its Application to Synthesize Multipleâ€Valued Logic Functions. IEEJ Transactions on Electrical and Electronic Engineering, 2010, 5, 105-114.	1.4	15
169	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
170	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
171	Improved pattern recognition with complex artificial immune system. Soft Computing, 2009, 13, 1209-1217.	3.6	14
172	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
173	A Multi-Layered Immune System for Graph Planarization Problem. IEICE Transactions on Information and Systems, 2009, E92-D, 2498-2507.	0.7	21
174	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
175	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
176	A Complex Artificial Immune System. , 2008, , .		7
177	Improved Clonal Selection Algorithm Combined with Ant Colony Optimization. IEICE Transactions on Information and Systems, 2008, E91-D, 1813-1823.	0.7	32
178	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
179	Dynamic Clone Population Based Artificial Immune System. , 2007, , .		2
180	An Improved Transiently Chaotic Neural Network with Multiple Chaotic Dynamics for Maximum Clique Problem. , 2007, , .		4

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181	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
182	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
183	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
184	Enhancing the learning capacity of immunological algorithms: a comprehensive study of learning operators. , 0, , .		2
185	Artificial Clonal Selection Model and Its Application. , 0, , 100-122.		0