A modified Artificial Bee Colony algorithm for real-para

Information Sciences 192, 120-142

DOI: 10.1016/j.ins.2010.07.015

Citation Report

#	Article	IF	CITATIONS
2	Fractinal order speed control of DC motor using levy mutated Artificial Bee Colony Algorithm. , 2011, , .		9
3	Global artificial bee colony search algorithm for numerical function optimization., 2011,,.		32
4	Improved artificial bee colony algorithm for global optimization. Information Processing Letters, 2011, 111, 871-882.	0.4	296
5	A discrete artificial bee colony algorithm for the total flowtime minimization in permutation flow shops. Information Sciences, 2011, 181, 3459-3475.	4.0	220
6	Rosenbrock artificial bee colony algorithm for accurate global optimization of numerical functions. Information Sciences, 2011, 181, 3508-3531.	4.0	292
7	Further results of Gravitational Swarm Intelligence for Graph Coloring. , 2011, , .		2
8	Opposition-based artificial bee colony algorithm. , 2011, , .		31
9	Using Artificial Bee Colony to Improve Functional Link Neural Network Training. Applied Mechanics and Materials, 2012, 263-266, 2102-2108.	0.2	10
10	μABC., 2012,,.		7
11	Design of Fractional Order Controller for a servohydraulic positioning system with micro Artificial Bee Colony algorithm. , 2012, , .		9
12	IIR filter design using incremental artificial bee colony with powell's CDS. , 2012, , .		2
13	Intelligent scout-bee based Artificial Bee Colony optimization algorithm. , 2012, , .		8
14	Modified Adaptive Cuckoo Search (MACS) algorithm and formal description for global optimisation. International Journal of Computer Applications in Technology, 2012, 44, 73.	0.3	35
15	Identifying the behaviour of laser solid freeform fabrication system using aggregated neural network and the great salmon run optimisation algorithm. International Journal of Bio-Inspired Computation, 2012, 4, 330.	0.6	15
16	Improved reliability approximate method combining Kriging and importance sampling. , 2012, , .		0
17	Wind distribution analysis incorporating Artificial Bee Colony Algorithm. , 2012, , .		2
18	Optimization of solar air collector using genetic algorithm and artificial bee colony algorithm. Heat and Mass Transfer, 2012, 48, 1921-1928.	1.2	18
19	Dynamic artificial bee colony algorithm for multi-parameters optimization of support vector machine-based soft-margin classifier. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.0	7

#	Article	IF	Citations
20	Artificial Bees Colony Optimized Neural Network Model for ECG Signals Classification. Lecture Notes in Computer Science, 2012, , 339-346.	1.0	3
21	Optimal hybrid PV/WT/FC sizing and distribution system reconfiguration using multi-objective artificial bee colony (MOABC) algorithm. Solar Energy, 2012, 86, 3057-3071.	2.9	105
22	An Improved Artificial Bee Colony Algorithm with Non-separable Operator. Lecture Notes in Computer Science, 2012, , 203-210.	1.0	1
23	Self Adaptive Artificial Bee Colony for Global Numerical Optimization. IERI Procedia, 2012, 1, 59-65.	0.3	9
24	Simulated annealing based artificial bee colony algorithm for global numerical optimization. Applied Mathematics and Computation, 2012, 219, 3575-3589.	1.4	79
25	A Novel Artificial Bee Colony Algorithm for Numerical Function Optimization. , 2012, , .		5
26	Enhanced Global-Best Artificial Bee Colony Optimization Algorithm. , 2012, , .		14
27	An improved teaching-learning-based optimization algorithm for solving unconstrained optimization problems. Scientia Iranica, $2012$ , , .	0.3	103
28	Path planning of free-flying space robot based on artificial bee colony algorithm. , 2012, , .		6
29	Some modifications to enhance the performance of Artificial Bee Colony. , 2012, , .		11
30	The application of artificial bee colony algorithm for the economic power dispatch with prohibited operating zone. , 2012, , .		2
31	The great salmon run: a novel bio-inspired algorithm for artificial system design and optimisation. International Journal of Bio-Inspired Computation, 2012, 4, 286.	0.6	47
32	A Hybrid Power Series Artificial Bee Colony Algorithm to Obtain a Solution for Buckling of Multiwall Carbon Nanotube Cantilevers Near Small Layers of Graphite Sheets. Applied Computational Intelligence and Soft Computing, 2012, 2012, 1-6.	1.6	3
33	The Roles of Crossover and Mutation in Real-Coded Genetic Algorithms. , 2012, , .		13
34	A novel meta-heuristic algorithm for numerical function optimization: Blind, naked mole-rats (BNMR) algorithm. Scientific Research and Essays, 2012, 7, 3566-3583.	0.1	22
35	IMPROVED ARTIFICIAL BEE COLONY FOR DESIGN OF A RECONFIGURABLE ANTENNA ARRAY WITH DISCRETE PHASE SHIFTERS. Progress in Electromagnetics Research C, 2012, 25, 193-208.	0.6	10
36	On the use of particle swarm optimization for adaptive resource allocation in orthogonal frequency division multiple access systems with proportional rate constraints. Information Sciences, 2012, 182, 115-124.	4.0	18
37	A theoretical and empirical study on unbiased boundary-extended crossover for real-valued representation. Information Sciences, 2012, 183, 48-65.	4.0	23

3

#	Article	IF	CITATIONS
38	Teaching–Learning-Based Optimization: An optimization method for continuous non-linear large scale problems. Information Sciences, 2012, 183, 1-15.	4.0	1,347
39	Performance assessment of foraging algorithms vs. evolutionary algorithms. Information Sciences, 2012, 182, 243-263.	4.0	110
41	An efficient algorithm for function optimization: modified stem cells algorithm. Open Engineering, 2013, 3, 36-50.	0.7	17
42	Effective hybrid discrete artificial bee colony algorithms for the total flowtime minimization in the blocking flowshop problem. International Journal of Advanced Manufacturing Technology, 2013, 67, 397-414.	1.5	40
43	Fast global k-means clustering based on local geometrical information. Information Sciences, 2013, 245, 168-180.	4.0	34
44	Enhancing the food locations in an artificial bee colony algorithm. Soft Computing, 2013, 17, 1939-1965.	2.1	48
45	An intelligent hybrid optimistic/pessimistic concurrency control algorithm for centralized database systems using modified GSA-optimized ART neural model. Neural Computing and Applications, 2013, 23, 1815-1829.	3.2	6
46	Robust state estimator design for uncertain linear systems using optimization techniques. Neural Computing and Applications, 2013, 23, 1395-1406.	3.2	1
47	Opposition based Iévy flight artificial bee colony. Memetic Computing, 2013, 5, 213-227.	2.7	81
48	Accelerating artificial bee colony algorithm by using an external archive. , 2013, , .		1
49	An artificial bee colony algorithm for the maximally diverse grouping problem. Information Sciences, 2013, 230, 183-196.	4.0	58
50	Synergizing fitness learning with proximity-based food source selection in artificial bee colony algorithm for numerical optimization. Applied Soft Computing Journal, 2013, 13, 4676-4694.	4.1	66
51	An improved artificial bee colony algorithm. , 2013, , .		8
52	Particle swarm optimization based on intermediate disturbance strategy algorithm and its application in multi-threshold image segmentation. Information Sciences, 2013, 250, 82-112.	4.0	61
53	An improved artificial bee colony (ABC) algorithm for large scale optimization. , 2013, , .		6
54	Performance analysis of the coarse-grained parallel model of the artificial bee colony algorithm. Information Sciences, 2013, 253, 34-55.	4.0	25
55	Migrating forager population in a multi-population Artificial Bee Colony algorithm with modified perturbation schemes. , $2013$ , , .		20
56	Optimization of cutting parameters in multi-pass turning using artificial bee colony-based approach. Information Sciences, 2013, 220, 399-407.	4.0	156

#	ARTICLE	IF	CITATIONS
57	Artificial bee colonies for continuous optimization: Experimental analysis and improvements. Swarm Intelligence, 2013, 7, 327-356.	1.3	42
58	Data feature selection based on Artificial Bee Colony algorithm. Eurasip Journal on Image and Video Processing, 2013, 2013, .	1.7	115
59	Adaptive artificial bee colony optimization. , 2013, , .		7
60	A study on particle swarm optimization and artificial bee colony algorithms for multilevel thresholding. Applied Soft Computing Journal, 2013, 13, 3066-3091.	4.1	373
61	Black hole: A new heuristic optimization approach for data clustering. Information Sciences, 2013, 222, 175-184.	4.0	988
62	Hybrid artificial bee colony algorithm for parameter estimation of proton exchange membrane fuel cell. International Journal of Hydrogen Energy, 2013, 38, 5796-5806.	3.8	74
63	Application of artificial bee colony algorithm to topology optimization for dynamic stiffness problems. Computers and Mathematics With Applications, 2013, 66, 1879-1891.	1.4	21
64	A comparison among stochastic optimization algorithms for parameter estimation of biochemical kinetic models. Applied Soft Computing Journal, 2013, 13, 2205-2214.	4.1	28
65	An efficient and robust artificial bee colony algorithm for numerical optimization. Computers and Operations Research, 2013, 40, 1256-1265.	2.4	142
66	Memetic search in artificial bee colony algorithm. Soft Computing, 2013, 17, 1911-1928.	2.1	87
67	A recombination-based hybridization of particle swarm optimization and artificial bee colony algorithm for continuous optimization problems. Applied Soft Computing Journal, 2013, 13, 2188-2203.	4.1	135
68	A novel artificial bee colony algorithm with Powell's method. Applied Soft Computing Journal, 2013, 13, 3763-3775.	4.1	107
69	A Novel Artificial Bee Colony Algorithm Based on Modified Search Equation and Orthogonal Learning. IEEE Transactions on Cybernetics, 2013, 43, 1011-1024.	6.2	384
70	The analysis of discrete artificial bee colony algorithm with neighborhood operator on traveling salesman problem. Neural Computing and Applications, 2013, 23, 9-21.	3.2	68
71	Antiviral therapy using a fuzzy controller optimized by modified evolutionary algorithms: a comparative study. Neural Computing and Applications, 2013, 23, 1801-1813.	3.2	13
72	Incremental artificial bee colony with local search to economic dispatch problem with ramp rate limits and prohibited operating zones. Energy Conversion and Management, 2013, 65, 397-407.	4.4	76
73	Modified artificial bee colony algorithm based on fuzzy multi-objective technique for optimal power flow problem. Electric Power Systems Research, 2013, 95, 206-213.	2.1	107
74	A Novel ABC Optimization Algorithm for Graph Coloring Problem. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
75	EEG/ERP Adaptive Noise Canceller Design with Controlled Search Space (CSS) Approach in Cuckoo and Other Optimization Algorithms. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 1491-1504.	1.9	68
76	A swarm intelligence algorithm based game theory. International Journal of Computing Science and Mathematics, 2013, 4, 287.	0.2	5
77	Using particle swarm optimization in fuzzy association rulesâ€based feature selection and fuzzy ARTMAPâ€based attack recognition. Security and Communication Networks, 2013, 6, 797-811.	1.0	9
78	Identification of a dynamic model for shape memory alloy actuator using Hammerstein-Wiener gray box and mutable smart bee algorithm. International Journal of Intelligent Computing and Cybernetics, 2013, 6, 328-357.	1.6	21
79	Artificial bee colony algorithm: a survey. International Journal of Advanced Intelligence Paradigms, 2013, 5, 123.	0.2	121
80	Parameter Estimation of Logit Route Choice Model by Artificial Bee Colony Algorithm. , 2013, , .		0
81	Modified Foraging Process of Onlooker Bees in Artificial Bee Colony. Advances in Intelligent Systems and Computing, 2013, , 479-487.	0.5	4
82	XOR-based artificial bee colony algorithm for binary optimization. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, 21, 2307-2328.	0.9	76
83	Cooperative Micro Artificial Bee Colony Algorithm for Large Scale Global Optimization Problems. Lecture Notes in Computer Science, 2013, , 469-480.	1.0	1
84	Multiple Input Delays Estimation Using an Artificial Bee Colony Algorithm. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.3	0
85	Research on Cellular Artificial Bee Colony Algorithm and its Computational Experiments. Applied Mechanics and Materials, 2013, 284-287, 3168-3172.	0.2	0
86	New cooperative and modified variants of the migrating birds optimization algorithm., 2013,,.		5
87	A Simple and Efficient Artificial Bee Colony Algorithm. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	48
88	Fuzzified artificial bee colony algorithm for nonsmooth and nonconvex multiobjective economic dispatch problem. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, 21, 1995-2014.	0.9	10
89	Improved food sources in Artificial Bee Colony., 2013,,.		8
90	On the performance of internal feedback artificial bee colony algorithm (IF-ABC) for protein secondary structure prediction. , 2013, , .		5
91	Two decomposition-based modem metaheuristic algorithms for multi-objective optimization & amp; $\pm$ x2014; A comparative study., 2013,,.		2
92	Implementation of Artificial Bee Colony algorithm on Maximum Power Point Tracking for PV modules. , 2013, , .		20

#	Article	IF	CITATIONS
93	Optimal Placement of PMUS for Reliable Observability of Network Under Probabilistic Events Using BABC Algorithm. , $2013,  \ldots$		30
94	Enhancing different phases of artificial bee colony for continuous global optimisation problems. International Journal of Advanced Intelligence Paradigms, 2013, 5, 103.	0.2	3
95	An improved functional link neural network learning using artificial bee colony optimisation for time series prediction. International Journal of Business Intelligence and Data Mining, 2013, 8, 307.	0.2	6
96	Balanced artificial bee colony algorithm. International Journal of Artificial Intelligence and Soft Computing, 2013, 3, 222.	0.1	23
97	ABK-means: an algorithm for data clustering using ABC and K-means algorithm. International Journal of Computational Science and Engineering, 2013, 8, 383.	0.4	16
98	ARTIFICIAL BEE COLONY ALGORITHM INTEGRATED WITH FUZZY C-MEAN OPERATOR FOR DATA CLUSTERING. Journal of Computer Science, 2013, 9, 404-412.	0.5	7
99	A review on Artificial Bee Colony algorithm. International Journal of Engineering and Technology(UAE), 2013, 2, 175.	0.2	28
100	An Efficient Hybrid Artificial Bee Colony Algorithm for Customer Segmentation in Mobile E-commerce. Journal of Electronic Commerce in Organizations, 2013, 11, 53-63.	0.6	3
101	A Multiuser Detector Based on Artificial Bee Colony Algorithm for DS-UWB Systems. Scientific World Journal, The, 2013, 2013, 1-8.	0.8	9
102	Feature Selection Method Based on Artificial Bee Colony Algorithm and Support Vector Machines for Medical Datasets Classification. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	80
103	A State-of-the-Art Review of Artificial Bee Colony in the Optimization of Single and Multiple Criteria. International Journal of Applied Metaheuristic Computing, 2013, 4, 23-45.	0.5	8
104	Quantum-Inspired Evolutionary Algorithm for Continuous Space Optimization Based on Multiple Chains Encoding Method of Quantum Bits. Mathematical Problems in Engineering, 2014, 2014, 1-16.	0.6	3
105	A Modified Artificial Bee Colony Algorithm forp-Center Problems. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	9
106	Path Planning of an Autonomous Mobile Robot using Directed Artificial Bee Colony Algorithm. International Journal of Computer Applications, 2014, 96, 11-16.	0.2	8
107	Research on the Optimization of Boiler Efficiency based on Artificial Bee Colony Algorithm. Journal of Computer and Information Science, 2014, 7, 30.	0.2	4
108	A retrospective study based on the soft computing approach in Electro Chemical discharge machining. , 2014, , .		0
109	Bee colony algorithm for the routing of guided automated battery-operated electric vehicles in personal rapid transit systems. , $2014$ , , .		4
110	A quantum-behaved particle swarm optimization with memetic algorithm and memory for continuous non-linear large scale problems. Information Sciences, 2014, 289, 162-189.	4.0	68

#	Article	IF	CITATIONS
111	A novel Artificial Bee Colony algorithm for global optimization. , 2014, , .		10
112	Self-adaptive artificial bee colony. Optimization, 2014, 63, 1513-1532.	1.0	35
113	A Spatially Informative Optic Flow Model of Bee Colony With Saccadic Flight Strategy for Global Optimization. IEEE Transactions on Cybernetics, 2014, 44, 1884-1897.	6.2	29
114	An Optimal Design of Resonant Coils for Wireless Power Transfer System Based on Improved Artificial Bee Colony Algorithm. Applied Mechanics and Materials, 0, 614, 168-171.	0.2	2
115	Color Image Quantization: A Short Review and an Application with Artificial Bee Colony Algorithm. Informatica, 2014, 25, 485-503.	1.5	52
116	Fuzzy Multiobjective Optimal Power Flow Based on Modified Artificial Bee Colony Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-12.	0.6	4
117	A Modified Artificial Bee Colony Algorithm Based on Search Space Division and Disruptive Selection Strategy. Mathematical Problems in Engineering, 2014, 2014, 1-14.	0.6	8
118	Improved Artificial Bee Colony Algorithm Based Gravity Matching Navigation Method. Sensors, 2014, 14, 12968-12989.	2.1	25
119	Multiple-global-best guided artificial bee colony algorithm for induction motor parameter estimation. Turkish Journal of Electrical Engineering and Computer Sciences, 2014, 22, 620-636.	0.9	18
120	Application of Artificial Bee Colony Algorithm to Portfolio Adjustment Problem with Transaction Costs. Journal of Applied Mathematics, 2014, 2014, 1-12.	0.4	3
121	Study on the rolling schedule optimization of five tandem cold rolling mills. , 2014, , .		0
122	A retrospective study based on the soft computing approach in combined Ultrasonic Assisted Electrical Discharge Machining. , 2014, , .		0
123	Novel Bees Algorithm: Stochastic self-adaptive neighborhood. Applied Mathematics and Computation, 2014, 247, 1161-1172.	1.4	15
124	Combining Von Neumann Neighborhood Topology with Approximate-Mapping Local Search for ABC-Based Service Composition. , 2014, , .		8
125	A novel chaotic artificial bee colony algorithm based on Tent map. , 2014, , .		24
126	A novel gravitational search algorithm with modified step-size and Explosion-Birth operator. , 2014, , .		2
127	Recent Development of Metaheuristics for Clustering. Lecture Notes in Electrical Engineering, 2014, , 629-636.	0.3	11
128	A Review on Gravitational Search Algorithm and its Applications to Data Clustering & Classification. International Journal of Intelligent Systems and Applications, 2014, 6, 79-93.	0.9	35

#	Article	IF	CITATIONS
129	Artificial bee colony algorithm for automatic leukocytes segmentation in histopathological images. , 2014, , .		5
130	Blind Source Separation Based on Covariance Ratio and Artificial Bee Colony Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-12.	0.6	1
131	A comprehensive survey: artificial bee colony (ABC) algorithm and applications. Artificial Intelligence Review, 2014, 42, 21-57.	9.7	1,420
132	Geometric Selective Harmony Search. Information Sciences, 2014, 279, 468-482.	4.0	37
133	Multi-strategy ensemble artificial bee colony algorithm. Information Sciences, 2014, 279, 587-603.	4.0	222
134	The best conditions for minimizing the synthesis time of nanocomposites during high energy ball milling: Modeling and optimizing. Ceramics International, 2014, 40, 9675-9692.	2.3	39
135	Artificial bee colony algorithm with dynamic population size to combined economic and emission dispatch problem. International Journal of Electrical Power and Energy Systems, 2014, 54, 144-153.	3.3	142
136	Self-adaptive constrained artificial bee colony for constrained numerical optimization. Neural Computing and Applications, 2014, 24, 723-734.	3.2	70
137	Modification of codebook search in adaptive multi-rate wideband speech codecs using intelligent optimization algorithms. Neural Computing and Applications, 2014, 24, 911-926.	3.2	2
138	HEPSO: High exploration particle swarm optimization. Information Sciences, 2014, 273, 101-111.	4.0	70
139	Bee colony optimization aided adaptive resource allocation in OFDMA systems with proportional rate constraints. Wireless Networks, 2014, 20, 1699-1713.	2.0	7
140	A particle swarm inspired multi-elitist artificial bee colony algorithm for real-parameter optimization. Computational Optimization and Applications, 2014, 57, 493-516.	0.9	52
141	Teaching–learning-based optimization with dynamic group strategy for global optimization. Information Sciences, 2014, 273, 112-131.	4.0	107
142	Decomposition-based modern metaheuristic algorithms for multi-objective optimal power flow – A comparative study. Engineering Applications of Artificial Intelligence, 2014, 32, 10-20.	4.3	54
143	A unified ant colony optimization algorithm for continuous optimization. European Journal of Operational Research, 2014, 234, 597-609.	3.5	110
144	Co-evolving bee colonies by forager migration: A multi-swarm based Artificial Bee Colony algorithm for global search space. Applied Mathematics and Computation, 2014, 232, 216-234.	1.4	48
146	Bacterial colony foraging algorithm: Combining chemotaxis, cell-to-cell communication, and self-adaptive strategy. Information Sciences, 2014, 273, 73-100.	4.0	23
147	An analysis of the migration rates for biogeography-based optimization. Information Sciences, 2014, 254, 111-140.	4.0	51

#	Article	IF	CITATIONS
148	A quantum inspired gravitational search algorithm for numerical function optimization. Information Sciences, 2014, 267, 83-100.	4.0	81
149	Modeling a shape memory alloy actuator using an evolvable recursive black-box and hybrid heuristic algorithms inspired based on the annual migration of salmons in nature. Applied Soft Computing Journal, 2014, 14, 229-251.	4.1	40
150	Enhanced probability-selection artificial bee colony algorithm for economic load dispatch: A comprehensive analysis. Engineering Optimization, 2014, 46, 1315-1330.	1.5	13
151	Adaptive filtering of EEG/ERP through noise cancellers using an improved PSO algorithm. Swarm and Evolutionary Computation, 2014, 14, 76-91.	4.5	50
152	Self-navigation of multi-robot system using artificial bee colony algorithm. , 2014, , .		1
153	Bio-inspired algorithms for multilevel image thresholding. International Journal of Computer Applications in Technology, 2014, 49, 207.	0.3	12
154	Binary Artificial Bee Colony optimization using bitwise operation. Computers and Industrial Engineering, 2014, 76, 360-365.	3.4	54
155	Optimization of process parameters to maximize hardness of metal/ceramic nanocomposites produced by high energy ball milling. Ceramics International, 2014, 40, 16259-16272.	2.3	19
156	Automatic kernel clustering with bee colony optimization algorithm. Information Sciences, 2014, 283, 107-122.	4.0	45
157	A dynamic niching genetic algorithm strategy for docking highly flexible ligands. Information Sciences, 2014, 289, 206-224.	4.0	116
158	Power law-based local search in artificial bee colony. International Journal of Artificial Intelligence and Soft Computing, 2014, 4, 164.	0.1	11
159	Lbest artificial bee colony using structured swarm. , 2014, , .		5
160	Polynomial metamodel based fast optimization of nano-CMOS oscillator circuits. Analog Integrated Circuits and Signal Processing, 2014, 79, 437-453.	0.9	4
161	A multi-objective artificial bee colony algorithm based on division of the searching space. Applied Intelligence, 2014, 41, 987-1011.	3.3	19
162	Bi-direction quantum crossover-based clonal selection algorithm and its applications. Expert Systems With Applications, 2014, 41, 7248-7258.	4.4	16
163	Reservoir Optimization in Water Resources: a Review. Water Resources Management, 2014, 28, 3391-3405.	1.9	222
164	A hybrid artificial bee colony for disruption in a hierarchical maximal covering location problem. Computers and Industrial Engineering, 2014, 75, 129-141.	3.4	31
165	Pattern optimization of PWR reactor using hybrid parallel Artificial Bee Colony. Annals of Nuclear Energy, 2014, 63, 295-301.	0.9	13

#	Article	IF	CITATIONS
166	Reliability assessment and failure analysis of lithium iron phosphate batteries. Information Sciences, 2014, 259, 359-368.	4.0	29
167	Enhancing artificial bee colony algorithm using more information-based search equations. Information Sciences, 2014, 270, 112-133.	4.0	134
168	Ensemble mutable smart bee algorithm and a robust neural identifier for optimal design of a large scale power system. Journal of Computational Science, 2014, 5, 206-223.	1.5	22
169	An empirical evaluation of Gravitational Swarm Intelligence for graph coloring algorithm. Neurocomputing, 2014, 132, 79-84.	3.5	8
170	An evolutionary membrane algorithm for global numerical optimization problems. Information Sciences, 2014, 276, 219-241.	4.0	33
171	Patch-Levy-based initialization algorithm for Bees Algorithm. Applied Soft Computing Journal, 2014, 23, 104-121.	4.1	40
172	Improved range selection method for evolutionary algorithm based adaptive filtering of EEG/ERP signals. Neurocomputing, 2014, 144, 282-294.	3.5	9
173	Optimum Design of Fractional Order PID Controller for an AVR System Using an Improved Artificial Bee Colony Algorithm. Zidonghua Xuebao/Acta Automatica Sinica, 2014, 40, 973-979.	1.5	51
174	Optimal filter design using an improved artificial bee colony algorithm. Information Sciences, 2014, 281, 443-461.	4.0	61
175	The use of artificial bee colony algorithm to speed up the nanopowders synthesis during high energy ball milling. Powder Technology, 2014, 264, 61-70.	2.1	9
176	Self Balanced Differential Evolution. Journal of Computational Science, 2014, 5, 312-323.	1.5	26
177	Application of a Morphing Wing Technology on Hydra Technologies Unmanned Aerial System UAS-S4. , 2014, , .		8
178	Chaotic biogeography-based optimisation. International Journal of Computing Science and Mathematics, 2014, 5, 127.	0.2	3
179	An improved self-adaptive artificial bee colony algorithm for global optimisation. International Journal of Swarm Intelligence, 2014, 1, 115.	0.2	3
180	Approaches for engineering adaptive systems in ubiquitous and pervasive environments. Journal of Reliable Intelligent Environments, 2015, 1, 75-86.	3.8	3
181	Modified Artificial Bee Colony Algorithm with Comprehensive Learning Re-initialization Strategy. , 2015, , .		2
182	An improved artificial bee colony with new search strategy. International Journal of Wireless and Mobile Computing, 2015, 9, 391.	0.1	6
183	RFID Network Planning by ABC Algorithm Hybridized with Heuristic for Initial Number and Locations of Readers., 2015,,.		21

#	Article	IF	Citations
184	Hybridisation of classical unidimensional search with ABC to improve exploitation capability. International Journal of Artificial Intelligence and Soft Computing, 2015, 5, 151.	0.1	2
185	Swarm intelligence approaches for cover scheduling problem in wireless sensor networks. International Journal of Bio-Inspired Computation, 2015, 7, 50.	0.6	14
186	An improved PID control structure for unstable processes. , 2015, , .		2
187	Shape Matching Optimization via Atomic Potential Function and Artificial Bee Colony Algorithms with Various Search Strategies. , 2015, , .		3
188	SPV and Mutation based Artificial Bee Colony Algorithm for Travelling Salesman Problem. International Journal of Computer Applications, 2015, 116, 19-22.	0.2	0
189	An Enhanced Artificial Bee Colony-Based Support Vector Machine for Image-Based Fault Detection. Mathematical Problems in Engineering, 2015, 2015, 1-12.	0.6	12
190	Nonlinear Inertia Weighted Teaching-Learning-Based Optimization for Solving Global Optimization Problem. Computational Intelligence and Neuroscience, 2015, 2015, 1-15.	1.1	23
191	A Modification Artificial Bee Colony Algorithm for Optimization Problems. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	10
192	A Novel Artificial Bee Colony Algorithm for Function Optimization. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	12
193	Artificial Bee Colony Algorithm with Time-Varying Strategy. Discrete Dynamics in Nature and Society, 2015, 2015, 1-17.	0.5	7
194	An Improved Quantum-Behaved Particle Swarm Optimization Algorithm with Elitist Breeding for Unconstrained Optimization. Computational Intelligence and Neuroscience, 2015, 2015, 1-12.	1.1	22
195	Artificial Bee Colony Algorithm Combined with Grenade Explosion Method and Cauchy Operator for Global Optimization. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	3
196	A self adaptive hybrid enhanced artificial bee colony algorithm for continuous optimization problems. BioSystems, 2015, 132-133, 43-53.	0.9	15
197	A new quantum inspired chaotic artificial bee colony algorithm for optimal power flow problem. Energy Conversion and Management, 2015, 100, 1-9.	4.4	74
198	Regression-based parameter optimization for binary output systems. , 2015, , .		0
199	Shrinking hyper-sphere based Artificial Bee Colony algorithm. , 2015, , .		1
200	A configurable generalized artificial bee colony algorithm with local search strategies. , 2015, , .		10
201	A novel multi-objective optimisation algorithm: artificial bee colony in conjunction with bacterial foraging. International Journal of Intelligent Engineering Informatics, 2015, 3, 369.	0.1	8

#	Article	IF	CITATIONS
202	Simplify the Basic Artificial Bee Colony Algorithm. , 2015, , .		0
203	Subâ€band adaptive filtering method for electroencephalography/event related potential signal using nature inspired optimisation techniques. IET Science, Measurement and Technology, 2015, 9, 987-997.	0.9	6
204	New progresses in swarm intelligence-based computation. International Journal of Bio-Inspired Computation, 2015, 7, 26.	0.6	49
205	Using Artificial Bee Colony for Code Coverage Based Test Suite Prioritization. , 2015, , .		10
206	Artificial bee colony algorithm to design two-channel quadrature mirror filter banks. Swarm and Evolutionary Computation, 2015, 21, 24-31.	<b>4.</b> 5	33
207	Artificial bee colony algorithm with variable search strategy for continuous optimization. Information Sciences, 2015, 300, 140-157.	4.0	215
208	A discrete artificial bee colony algorithm incorporating differential evolution for the flow-shop scheduling problem with blocking. Engineering Optimization, 2015, 47, 927-946.	1.5	87
209	Simplified brain storm optimization approach to control parameter optimization in F/A-18 automatic carrier landing system. Aerospace Science and Technology, 2015, 42, 187-195.	2.5	71
210	Crossover-based artificial bee colony algorithm for constrained optimization problems. Neural Computing and Applications, 2015, 26, 1587-1601.	3.2	61
211	Modified artificial bee colony optimization with block perturbation strategy. Engineering Optimization, 2015, 47, 642-655.	1.5	7
212	Accelerating Artificial Bee Colony algorithm with adaptive local search. Memetic Computing, 2015, 7, 215-230.	2.7	36
213	Artificial bee colony algorithm for constrained possibilistic portfolio optimization problem. Physica A: Statistical Mechanics and Its Applications, 2015, 429, 125-139.	1.2	77
214	A new approach to minimum attribute reduction based on discrete artificial bee colony. Soft Computing, 2015, 19, 1893-1903.	2.1	30
215	Autonomous Tuning for Constraint Programming via Artificial Bee Colony Optimization. Lecture Notes in Computer Science, 2015, , 159-171.	1.0	3
216	Application of artificial bee colony algorithm on surface wave data. Computers and Geosciences, 2015, 83, 219-230.	2.0	18
217	A binary ABC algorithm based on advanced similarity scheme for feature selection. Applied Soft Computing Journal, 2015, 36, 334-348.	4.1	137
218	A dynamic multi-colony artificial bee colony algorithm for multi-objective optimization. Applied Soft Computing Journal, 2015, 35, 766-785.	4.1	39
219	Heat transfer search (HTS): a novel optimization algorithm. Information Sciences, 2015, 324, 217-246.	4.0	209

#	Article	IF	Citations
220	An Improved Artificial Bee Colony with Hybrid Strategies. Lecture Notes in Computer Science, 2015, , 231-238.	1.0	0
221	A novel artificial bee colony algorithm based on modified search strategy and generalized opposition-based learning. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1023-1037.	0.8	13
222	Application of Artificial Bee Colony Algorithm for numerical optimization technique. , 2015, , .		1
223	Artificial bee colony algorithm with distribution-based update rule. Applied Soft Computing Journal, 2015, 34, 851-861.	4.1	54
224	Protein–ligand docking using fitness learning-based artificial bee colony with proximity stimuli. Physical Chemistry Chemical Physics, 2015, 17, 16412-16417.	1.3	21
225	Coupling Gaussian generalised regression neural network and mutable smart bee algorithm to analyse the characteristics of automotive engine coldstart hydrocarbon emission. Journal of Experimental and Theoretical Artificial Intelligence, 2015, 27, 253-272.	1.8	5
226	Bare bones artificial bee colony algorithm with parameter adaptation and fitness-based neighborhood. Information Sciences, 2015, 316, 180-200.	4.0	78
227	Composite artificial bee colony algorithms: From component-based analysis to high-performing algorithms. Applied Soft Computing Journal, 2015, 32, 266-285.	4.1	23
228	A review on optimization algorithms and application to wind energy integration to grid. Renewable and Sustainable Energy Reviews, 2015, 48, 214-227.	8.2	82
229	The gradient evolution algorithm: A new metaheuristic. Information Sciences, 2015, 316, 246-265.	4.0	64
230	The continuous artificial bee colony algorithm for binary optimization. Applied Soft Computing Journal, 2015, 33, 15-23.	4.1	81
231	An elitism based multi-objective artificial bee colony algorithm. European Journal of Operational Research, 2015, 245, 168-193.	3.5	63
232	Black Hole Algorithm and Its Applications. Studies in Computational Intelligence, 2015, , 147-170.	0.7	43
233	A hybrid artificial bee colony algorithm for numerical function optimization. International Journal of Modern Physics C, 2015, 26, 1550109.	0.8	13
234	Dynamic topology optimization for multiple eigenfrequencies using the artificial bee colony algorithm. International Journal of Precision Engineering and Manufacturing, 2015, 16, 1817-1824.	1.1	1
235	A new artificial bee colony algorithm for numerical optimization. , 2015, , .		2
236	Enhanced Artificial Bee Colony Algorithm with SPV for Travelling Salesman Problem. , 2015, , .		1
237	Incorporating logic in Artificial Bee Colony (ABC) algorithm to solve first order logic problems: The logical ABC. , 2015, , .		2

#	Article	IF	CITATIONS
238	Parameters extraction of photovoltaic module for long-term prediction using artifical bee colony optimization. , $2015,  ,  .$		19
239	Artificial bee colony algorithm with multiple search strategies. Applied Mathematics and Computation, 2015, 271, 269-287.	1.4	60
240	Hybridized bat algorithm for multi-objective radio frequency identification (RFID) network planning. , 2015, , .		29
241	An improved Artificial Bee Colony algorithm with incorporating information of qualified solutions. , 2015, , .		O
242	An Agent-Based Artificial Bee Colony (ABC) Algorithm for Hyperspectral Image Endmember Extraction in Parallel. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4657-4664.	2.3	25
243	Artificial Bee Colony Algorithm Based on Information Learning. IEEE Transactions on Cybernetics, 2015, 45, 2827-2839.	6.2	112
244	Artificial intelligence and ceramic tools: Experimental study, modeling and optimizing. Ceramics International, 2015, 41, 13470-13479.	2.3	11
245	An optimal defuzzification method for interval type-2 fuzzy logic control scheme. , 2015, , .		4
246	An adaptive artificial bee colony algorithm for global optimization. Applied Mathematics and Computation, 2015, 271, 1004-1023.	1.4	33
247	Adaptive acceleration coefficients for a new search diversification strategy in particle swarm optimization algorithms. Information Sciences, 2015, 299, 337-378.	4.0	62
248	Enhanced compact artificial bee colony. Information Sciences, 2015, 298, 491-511.	4.0	46
249	Optimization of economic lot scheduling problem with backordering and shelf-life considerations using calibrated metaheuristic algorithms. Applied Mathematics and Computation, 2015, 251, 404-422.	1.4	8
250	An overview of population-based algorithms for multi-objective optimisation. International Journal of Systems Science, 2015, 46, 1572-1599.	3.7	84
251	A directed artificial bee colony algorithm. Applied Soft Computing Journal, 2015, 26, 454-462.	4.1	186
252	Resonance self-shielding calculation using subgroup method and ABC algorithm. Progress in Nuclear Energy, 2015, 78, 303-309.	1.3	1
253	Optimal location and sizing of real power DG units to improve the voltage stability in the distribution system using ABC algorithm united with chaos. International Journal of Electrical Power and Energy Systems, 2015, 66, 41-52.	3.3	112
254	A novel binary artificial bee colony algorithm based on genetic operators. Information Sciences, 2015, 297, 154-170.	4.0	134
255	Two modified Artificial Bee Colony algorithms inspired by Grenade Explosion Method. Neurocomputing, 2015, 151, 1198-1207.	3.5	34

#	Article	IF	CITATIONS
256	Modified artificial bee colony based computationally efficient multilevel thresholding for satellite image segmentation using Kapur's, Otsu and Tsallis functions. Expert Systems With Applications, 2015, 42, 1573-1601.	4.4	299
257	Artificial bee colony-based predictive control for non-linear systems. Transactions of the Institute of Measurement and Control, 2015, 37, 780-792.	1.1	14
258	Efficient collision-free path-planning of multiple mobile robots system using efficient artificial bee colony algorithm. Advances in Engineering Software, 2015, 79, 47-56.	1.8	106
259	Stochastic Fractal Search: A powerful metaheuristic algorithm. Knowledge-Based Systems, 2015, 75, 1-18.	4.0	465
260	A new metaheuristic for numerical function optimization: Vortex Search algorithm. Information Sciences, 2015, 293, 125-145.	4.0	273
261	Self-adaptive differential evolution algorithm with discrete mutation control parameters. Expert Systems With Applications, 2015, 42, 1551-1572.	4.4	85
262	On clarifying misconceptions when comparing variants of the Artificial Bee Colony Algorithm by offering a new implementation. Information Sciences, 2015, 291, 115-127.	4.0	199
263	A new modified artificial bee colony algorithm for the economic dispatch problem. Energy Conversion and Management, 2015, 89, 43-62.	4.4	177
264	Two metaheuristic approaches for the multiple traveling salesperson problem. Applied Soft Computing Journal, 2015, 26, 74-89.	4.1	82
265	Artificial bee colony with bidirectional search. International Journal of Computing Science and Mathematics, 2016, 7, 586.	0.2	12
266	Artificial Plant Root System Growth for Distributed Optimization: Models and Emergent Behaviors. Open Life Sciences, 2016, 11, 447-457.	0.6	2
267	Chaotic Teaching-Learning-Based Optimization with L $\tilde{\text{A}}$ $\hat{\text{C}}$ vy Flight for Global Numerical Optimization. Computational Intelligence and Neuroscience, 2016, 2016, 1-12.	1.1	10
268	Angle Modulated Artificial Bee Colony Algorithms for Feature Selection. Applied Computational Intelligence and Soft Computing, 2016, 2016, 1-6.	1.6	17
269	Fuzzy Multilevel Image Thresholding Based on Modified Quick Artificial Bee Colony Algorithm and Local Information Aggregation. Mathematical Problems in Engineering, 2016, 2016, 1-18.	0.6	4
270	An Enhanced Artificial Bee Colony Algorithm with Solution Acceptance Rule and Probabilistic Multisearch. Computational Intelligence and Neuroscience, 2016, 2016, 1-13.	1.1	20
271	Discovery of Transition Rules for Cellular Automata Using Artificial Bee Colony and Particle Swarm Optimization Algorithms in Urban Growth Modeling. ISPRS International Journal of Geo-Information, 2016, 5, 241.	1.4	7
272	Weighted Global Artificial Bee Colony Algorithm Makes Gas Sensor Deployment Efficient. Sensors, 2016, 16, 888.	2.1	9
273	Urban Growth Modeling Using Cellular Automata with Multi-Temporal Remote Sensing Images Calibrated by the Artificial Bee Colony Optimization Algorithm. Sensors, 2016, 16, 2122.	2.1	31

#	ARTICLE	IF	CITATIONS
274	Enhanced artificial bee colony algorithm through differential evolution. Applied Soft Computing Journal, 2016, 48, 137-150.	4.1	54
275	Black Hole Artificial Bee Colony Algorithm. Lecture Notes in Computer Science, 2016, , 214-221.	1.0	8
276	A cooperative learning artificial bee colony algorithm with multiple search mechanisms. International Journal of Hybrid Intelligent Systems, 2016, 13, 113-124.	0.9	8
277	Location of multi-type facts devices under contingency: An intelligent appproach using modified ABC. , 2016, , .		1
278	Constrained Portfolio Optimization by Hybridized Bat Algorithm. , 2016, , .		15
279	Next Generation University Library Information Systems Based on Cooperative Learning. New Review of Information Networking, 2016, 21, 101-116.	0.3	5
280	Self-adaptive search equation-based artificial bee colony algorithm on the CEC 2014 benchmark functions. , 2016, , .		5
281	Minimax design of linear phase FIR differentiators using artificial bee colony algorithm. , 2016, , .		5
282	A novel artificial bee colony algorithm for numerical function optimization. , 2016, , .		2
283	A modified sensitivity analysis method for driving a multidimensional search in the Artificial Bee Colony algorithm. , $2016,  \ldots$		1
284	Modified Artificial Bees Colony algorithm with Nelder-Mead search algorithm. , 2016, , .		3
285	A hybrid ABC for expensive optimizations: CEC 2016 competition benchmark. , 2016, , .		5
286	Search experience-based search adaptation in artificial bee colony algorithm. , 2016, , .		6
287	Effectiveness of differential evolution in training radial basis function networks for classification., 2016,,.		2
288	Employing different optimisation approaches for SMOTE parameter tuning. , 2016, , .		3
289	A Multi-swarm Artificial Bee Colony Algorithm for Dynamic Optimization Problems. , 2016, , .		4
290	A modified ABC algorithm based on improved-global-best-guided approach and adaptive-limit strategy for global optimization. Applied Soft Computing Journal, 2016, 46, 469-486.	4.1	25
291	Artificial Bee Colony Optimizer Based on Bee Life-Cycle for Stationary and Dynamic Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-20.	5.9	21

#	Article	IF	CITATIONS
292	Using autonomous search for solving constraint satisfaction problems via new modern approaches. Swarm and Evolutionary Computation, 2016, 30, 64-77.	4.5	16
293	A hybrid swarm-based algorithm for single-objective optimization problems involving high-cost analyses. Swarm Intelligence, 2016, 10, 99-121.	1.3	8
294	Comparative performance on photovoltaic model parameter identification via bio-inspired algorithms. Solar Energy, 2016, 132, 606-616.	2.9	88
295	Optimization of miscible CO 2 EOR and storage using heuristic methods combined with capacitance/resistance and Gentil fractional flow models. Journal of Natural Gas Science and Engineering, 2016, 32, 304-318.	2.1	53
296	An application of a metaheuristic algorithm-based clustering ensemble method to APP customer segmentation. Neurocomputing, 2016, 205, 116-129.	3.5	38
297	A modified scout bee for artificial bee colony algorithm and its performance on optimization problems. Journal of King Saud University - Computer and Information Sciences, 2016, 28, 395-406.	2.7	19
298	Modified Artificial Bee Colony Algorithm Based on Disruption Operator. Advances in Intelligent Systems and Computing, 2016, , 889-900.	0.5	14
299	Condition assessment of transformer insulation using dielectric frequency response analysis by artificial bee colony algorithm. Archives of Electrical Engineering, 2016, 65, 45-57.	1.0	5
300	An adaptive and hybrid artificial bee colony algorithm (aABC) for ANFIS training. Applied Soft Computing Journal, 2016, 49, 423-436.	4.1	113
301	Implementation of parallel multi-objective artificial bee colony algorithm based on spark platform. , 2016, , .		4
302	A comparative study on binary Artificial Bee Colony optimization methods for feature selection. , 2016, , .		9
303	An improved artificial bee colony algorithm for flexible job-shop scheduling problem with fuzzy processing time. Expert Systems With Applications, 2016, 65, 52-67.	4.4	124
304	Bee Metaheuristics. , 2016, , 201-216.		2
305	A novel artificial bee colony algorithm with depth-first search framework and elite-guided search equation. Information Sciences, 2016, 367-368, 1012-1044.	4.0	112
307	Hybrid Artificial Bee Colony Algorithm with Differential Evolution and Free Search for Numerical Function Optimization. International Journal on Artificial Intelligence Tools, 2016, 25, 1650020.	0.7	5
308	Hybrid PSO-ACO technique to solve multi-constraint economic load dispatch problems for 6-generator system. International Journal of Computers and Applications, 2016, 38, 96-115.	0.8	4
309	Design for motor speed fractional order controller based on improved artificial bee colony algorithm. , $2016,  \ldots$		6
310	Modified Artificial Bee Colony Algorithm with Self-Adaptive Extended Memory. Cybernetics and Systems, 2016, 47, 585-601.	1.6	7

#	Article	IF	Citations
311	On the design and optimization of digital IIR filter using oppositional artificial bee colony algorithm. , 2016, , .		9
312	Image retrieval via balance-evolution artificial bee colony algorithm and lateral inhibition. Optik, 2016, 127, 11775-11785.	1.4	2
313	A Multi-Objective Artificial Bee Colony Algorithm Combined with a Local Search Method. International Journal on Artificial Intelligence Tools, 2016, 25, 1650009.	0.7	6
314	Study of ABC and PSO algorithms as optimised adaptive noise canceller for EEG/ERP. International Journal of Bio-Inspired Computation, 2016, 8, 170.	0.6	14
315	A new artificial bee colony by improving the search of onlooker bees. International Journal of Wireless and Mobile Computing, 2016, 10, 62.	0.1	2
316	A Clustering-Based Artificial Bee Colony Algorithm. Communications in Computer and Information Science, 2016, , 101-109.	0.4	0
317	A novel paradigm for calculating Ramsey number via Artificial Bee Colony Algorithm. , 2016, , .		0
318	Lbest Gbest Artificial Bee Colony algorithm. , 2016, , .		13
319	A novel artificial bee colony detection algorithm for massive MIMO system. Wireless Communications and Mobile Computing, 2016, 16, 3139-3152.	0.8	4
320	Double evolutsional artificial bee colony algorithm for multiple traveling salesman problem. MATEC Web of Conferences, 2016, 44, 02025.	0.1	2
321	Artificial Bee Colony algorithm for curve reconstruction. AIP Conference Proceedings, 2016, , .	0.3	2
322	An improved artificial bee colony and its application. Knowledge-Based Systems, 2016, 107, 14-31.	4.0	57
323	Control parameter design for automatic carrier landing system via pigeon-inspired optimization. Nonlinear Dynamics, 2016, 85, 97-106.	2.7	67
324	Bacterial foraging optimization using novel chemotaxis and conjugation strategies. Information Sciences, 2016, 363, 72-95.	4.0	29
325	Gaussian bare-bones artificial bee colony algorithm. Soft Computing, 2016, 20, 907-924.	2.1	69
326	A new metaheuristic algorithm based on shark smell optimization. Complexity, 2016, 21, 97-116.	0.9	157
327	A hybrid approach to artificial bee colony algorithm. Neural Computing and Applications, 2016, 27, 387-409.	3.2	27
328	A novel metaheuristic for continuous optimization problems: Virus optimization algorithm. Engineering Optimization, 2016, 48, 73-93.	1.5	56

#	Article	IF	CITATIONS
329	A particle swarm inspired cuckoo search algorithm for real parameter optimization. Soft Computing, 2016, 20, 1389-1413.	2.1	54
330	A sensitivity analysis method for driving the Artificial Bee Colony algorithm's search process. Applied Soft Computing Journal, 2016, 41, 515-531.	4.1	29
331	Artificial bee colony algorithm with memory. Applied Soft Computing Journal, 2016, 41, 362-372.	4.1	127
332	Self-adaptive differential evolution algorithm with crossover strategies adaptation and its application in parameter estimation. Chemometrics and Intelligent Laboratory Systems, 2016, 151, 164-171.	1.8	40
333	Prediction of self-compacting concrete elastic modulus using two symbolic regression techniques. Automation in Construction, 2016, 64, 7-19.	4.8	45
334	Very accurate parameter estimation of single- and double-diode solar cell models using a modified artificial bee colony algorithm. International Journal of Energy and Environmental Engineering, 2016, 7, 13-25.	1.3	92
335	Swarm intelligence approaches for multidepot salesmen problems with load balancing. Applied Intelligence, 2016, 44, 849-861.	3.3	11
336	An efficient artificial bee colony algorithm with application to nonlinear predictive control. International Journal of General Systems, 2016, 45, 393-417.	1.2	10
337	Non-revisiting genetic algorithm with adaptive mutation using constant memory. Memetic Computing, 2016, 8, 189-210.	2.7	24
338	Fuzzy performance evaluation of Evolutionary Algorithms based on extreme learning classifier. Neurocomputing, 2016, 175, 371-382.	3.5	2
339	Aerodynamic performance improvement of the UAS-S4 $\tilde{A}$ %-hecatl morphing airfoil using novel optimization techniques. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2016, 230, 1164-1180.	0.7	17
340	Improving the UAS-S4 Éhecal airfoil high angles-of-attack performance characteristics using a morphing wing approach. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2016, 230, 118-131.	0.7	17
341	An improved artificial bee colony algorithm based on the strategy of global reconnaissance. Soft Computing, 2016, 20, 4825-4857.	2.1	6
342	An alternative artificial bee colony algorithm with destructive–constructive neighbourhood operator for the problem of composing medical crews. Information Sciences, 2016, 326, 215-226.	4.0	28
343	Fully informed artificial bee colony algorithm. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 403-416.	1.8	12
344	A novel cultural algorithm for real-parameter optimization. International Journal of Computer Mathematics, 2016, 93, 1541-1563.	1.0	11
345	Escalated convergent artificial bee colony. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 181-200.	1.8	8
346	Lévy flight artificial bee colony algorithm. International Journal of Systems Science, 2016, 47, 2652-2670.	3.7	69

#	Article	IF	CITATIONS
347	A new improved artificial bee colony algorithm for ship hull form optimization. Engineering Optimization, 2016, 48, 672-686.	1.5	29
348	Intrusive tumor growth inspired optimization algorithm for data clustering. Neural Computing and Applications, 2016, 27, 349-374.	3.2	11
349	Optimal power flow using artificial bee colony algorithm with global and local neighborhoods. International Journal of Systems Assurance Engineering and Management, 2017, 8, 2158-2169.	1.5	18
350	Enhancing the modified artificial bee colony algorithm with neighborhood search. Soft Computing, 2017, 21, 2733-2743.	2.1	42
351	Conceptual and numerical comparisons of swarm intelligence optimization algorithms. Soft Computing, 2017, 21, 3081-3100.	2.1	31
352	A survey of biogeography-based optimization. Neural Computing and Applications, 2017, 28, 1909-1926.	3.2	58
353	Optimal layout and deployment for RFID system using a novel hybrid artificial bee colony optimizer based on bee life-cycle model. Soft Computing, 2017, 21, 4055-4083.	2.1	8
354	Prior knowledge guided differential evolution. Soft Computing, 2017, 21, 6841-6858.	2.1	15
355	Sampling-based adaptive bounding evolutionary algorithm for continuous optimization problems. Information Sciences, 2017, 382-383, 216-233.	4.0	10
356	Energy efficient clustering protocol based on improved metaheuristic in wireless sensor networks. Journal of Network and Computer Applications, 2017, 83, 40-52.	5.8	62
357	Efficient player selection strategy based diversified particle swarm optimization algorithm for global optimization. Information Sciences, 2017, 397-398, 69-90.	4.0	16
358	Separation and Sequential Recovery of Tetracycline and Cu(II) from Water Using Reusable Thermoresponsive Chitosan-Based Flocculant. ACS Applied Materials & Samp; Interfaces, 2017, 9, 10266-10275.	4.0	52
359	ABC-X: a generalized, automatically configurable artificial bee colony framework. Swarm Intelligence, 2017, 11, 1-38.	1.3	33
360	An adaptive artificial bee colony algorithm based on objective function value information. Applied Soft Computing Journal, 2017, 55, 384-401.	4.1	34
361	Root system growth biomimicry for global optimization models and emergent behaviors. Soft Computing, 2017, 21, 7485-7502.	2.1	2
362	An enhanced artificial bee colony algorithm with adaptive differential operators. Applied Soft Computing Journal, 2017, 58, 480-494.	4.1	35
363	A hybrid bio-inspired algorithm and its application. Applied Intelligence, 2017, 47, 1059-1067.	3.3	14
364	MetrIntMeas a novel metric for measuring the intelligence of a swarm of cooperating agents. Cognitive Systems Research, 2017, 45, 17-29.	1.9	12

#	Article	IF	CITATIONS
365	A grey artificial bee colony algorithm. Applied Soft Computing Journal, 2017, 60, 1-17.	4.1	30
366	Constrained Problem Optimization using Altered Artificial Bee Colony Algorithm. , 2017, , .		1
367	Application of an improved artificial bee colony algorithm to inverse problem of aerosol optical constants from spectral measurement data. Optik, 2017, 145, 316-329.	1.4	6
368	Artificial Bee Colony as a Frontier in Evolutionary Optimization: A Survey. Advances in Intelligent Systems and Computing, 2017, , 541-548.	0.5	4
369	A new efficient training strategy for deep neural networks by hybridization of artificial bee colony and limited–memory BFGS optimization algorithms. Neurocomputing, 2017, 266, 506-526.	3.5	94
370	Satellite formation keeping via chaotic artificial bee colony. Aircraft Engineering and Aerospace Technology, 2017, 89, 246-256.	0.7	4
371	Multi-population parallel self-adaptive differential artificial bee colony algorithm with application in large-scale service composition for cloud manufacturing. Applied Soft Computing Journal, 2017, 56, 379-397.	4.1	113
372	Simple parameter estimation for complex models — Testing evolutionary techniques on 3-dimensional biogeochemical ocean models. Journal of Marine Systems, 2017, 165, 139-152.	0.9	14
373	An improved artificial bee colony algorithm with modified-neighborhood-based update operator and independent-inheriting-search strategy for global optimization. Engineering Applications of Artificial Intelligence, 2017, 58, 134-156.	4.3	35
374	Artificial bee colony algorithm with gene recombination for numerical function optimization. Applied Soft Computing Journal, 2017, 52, 146-159.	4.1	83
375	A novel artificial bee colony based on Gaussian sampling. Journal of Discrete Mathematical Sciences and Cryptography, 2017, 20, 957-970.	0.5	2
376	A Review on Artificial Bee Colony Algorithms and Their Applications to Data Clustering. Cybernetics and Information Technologies, 2017, 17, 3-28.	0.4	32
377	Dynamic multi-objective evolutionary algorithms for single-objective optimization. Applied Soft Computing Journal, 2017, 61, 793-805.	4.1	21
378	Optimal parameters and performance of artificial bee colony algorithm for minimum cost design of reinforced concrete frames. Engineering Structures, 2017, 151, 802-820.	2.6	18
379	Artificial Bee Colony Algorithm Based on Adaptive Search Equation and Extended Memory. Cybernetics and Systems, 2017, 48, 459-482.	1.6	8
380	The artificial tree (AT) algorithm. Engineering Applications of Artificial Intelligence, 2017, 65, 99-110.	4.3	27
381	Influence of randomization strategies and problem characteristics on the performance of Differential Search algorithm. Applied Soft Computing Journal, 2017, 61, 88-110.	4.1	3
382	Information sciences 1968–2016: A retrospective analysis with text mining and bibliometric. Information Sciences, 2017, 418-419, 619-634.	4.0	163

#	Article	IF	CITATIONS
383	Model Parameter Optimization Method Research in Heihe River Open Modeling Environment (HOME). International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1759017.	0.7	5
384	Multi-population Based Search Strategy Ensemble Artificial Bee Colony Algorithm with a Novel Resource Allocation Mechanism. Lecture Notes in Computer Science, 2017, , 336-345.	1.0	0
385	Metaheuristic optimization for automatic clustering of customer-oriented supply chain data. , 2017, , .		7
386	Automatic carrier landing system based on active disturbance rejection control with a novel parameters optimizer. Aerospace Science and Technology, 2017, 69, 149-160.	2.5	81
387	Accelerating artificial bee colony algorithm with neighborhood search., 2017,,.		3
388	Prediction of water temperature in prawn cultures based on a mechanism model optimized by an improved artificial bee colony. Computers and Electronics in Agriculture, 2017, 140, 397-408.	3.7	18
389	S-ABC: A paradigm of service domain-oriented artificial bee colony algorithms for service selection and composition. Future Generation Computer Systems, 2017, 68, 304-319.	4.9	54
390	Optimizing network attacks by artificial bee colony. Information Sciences, 2017, 377, 30-50.	4.0	51
391	Improved metaheuristic based energy-efficient clustering protocol for wireless sensor networks. Engineering Applications of Artificial Intelligence, 2017, 57, 142-152.	4.3	55
392	A novel artificial bee colony optimization strategy-based extreme learning machine algorithm. Progress in Artificial Intelligence, 2017, 6, 41-52.	1.5	7
393	Intelligent Multiple Search Strategy Cuckoo Algorithm for Numerical and Engineering Optimization Problems. Arabian Journal for Science and Engineering, 2017, 42, 567-593.	1.7	19
394	Computing with the collective intelligence of honey bees – A survey. Swarm and Evolutionary Computation, 2017, 32, 25-48.	4.5	100
395	Features Selection Model for Internet of E-Health Things Using Big Data. , 2017, , .		5
396	Error Compensation Method of Magnetometer for Attitude Measurement Using Modified Artificial Bee Colony Algorithm. , 2017, , .		3
397	Discrete Teaching-learning-based optimization Algorithm for Traveling Salesman Problems. MATEC Web of Conferences, 2017, 128, 02022.	0.1	5
398	An improved binary artificial bee colony algorithm. , 2017, , .		3
399	Elitism based artificial bee colony algorithm. , 2017, , .		0
400	Induction motor parameter estimation using disrupted black hole artificial bee colony algorithm. International Journal of Metaheuristics, 2017, 6, 85.	0.1	2

#	Article	IF	Citations
401	A Quick Artificial Bee Colony Algorithm for Image Thresholding. Information (Switzerland), 2017, 8, 16.	1.7	14
402	Application of Heuristic and Metaheuristic Algorithms in Solving Constrained Weber Problem with Feasible Region Bounded by Arcs. Mathematical Problems in Engineering, 2017, 2017, 1-13.	0.6	20
403	Estimation of Container Traffic at Seaports by Using Several Soft Computing Methods: A Case of Turkish Seaports. Discrete Dynamics in Nature and Society, 2017, 2017, 1-15.	0.5	23
404	Selection and Configuration of Sorption Isotherm Models in Soils Using Artificial Bees Guided by the Particle Swarm. Advances in Artificial Intelligence, 2017, 2017, 1-22.	0.9	3
405	Mobile robot trajectory planning using enhanced artificial bee colony optimization algorithm. , 2017, , .		5
406	Research on global artificial bee colony algorithm based on crossover. , 2017, , .		1
407	A novel search strategy based on gradient and distribution information for artificial bee colony algorithm. Journal of Computational Methods in Sciences and Engineering, 2017, 17, 377-395.	0.1	3
408	Functional Link Neural Network with Modified Artificial Bee Colony for Data Classification. International Journal of Intelligent Information Technologies, 2017, 13, 1-14.	0.5	3
409	Identification of main steam temperature of power plant using fractional-order transfer function based on Lévy flights â€" Artificial bee colony algorithm. , 2017, , .		0
410	Artificial bee colony algorithm with global and local neighborhoods. International Journal of Systems Assurance Engineering and Management, 2018, 9, 589-601.	1.5	24
411	A hybrid metaheuristic and kernel intuitionistic fuzzy c-means algorithm for cluster analysis. Applied Soft Computing Journal, 2018, 67, 299-308.	4.1	63
412	A Hybrid Bat Algorithm for Economic Dispatch With Random Wind Power. IEEE Transactions on Power Systems, 2018, 33, 5052-5061.	4.6	119
413	Reliability-based design optimization of nonlinear inelastic trusses using improved differential evolution algorithm. Advances in Engineering Software, 2018, 121, 59-74.	1.8	37
414	Beer froth artificial bee colony algorithm for job-shop scheduling problem. Applied Soft Computing Journal, 2018, 68, 507-524.	4.1	62
415	Groundwater management using a new coupled model of meshless local Petrov-Galerkin method and modified artificial bee colony algorithm. Computational Geosciences, 2018, 22, 657-675.	1.2	18
416	An improved artificial bee colony algorithm based on elite group guidance and combined breadth-depth search strategy. Information Sciences, 2018, 442-443, 54-71.	4.0	42
417	Teaching–learning–based artificial bee colony for solar photovoltaic parameter estimation. Applied Energy, 2018, 212, 1578-1588.	5.1	303
418	Optimal Node Clustering and Scheduling in Wireless Sensor Networks. Wireless Personal Communications, 2018, 100, 683-708.	1.8	16

#	Article	IF	CITATIONS
419	Multi-section-Oriented Robust Algorithm for Unconstrained Global Optimization. Arabian Journal for Science and Engineering, 2018, 43, 7315-7342.	1.7	1
420	CFA optimizer: A new and powerful algorithm inspired by Franklin's and Coulomb's laws theory for solving the economic load dispatch problems. International Transactions on Electrical Energy Systems, 2018, 28, e2536.	1.2	46
421	Prioritizing test cases for regression techniques using metaheuristic techniques. Journal of Information and Optimization Sciences, 2018, 39, 39-51.	0.2	3
422	An Artificial Bee Colony Algorithm Based on Dynamic Penalty and Lévy Flight for Constrained Optimization Problems. Arabian Journal for Science and Engineering, 2018, 43, 7189-7208.	1.7	21
423	Performance improvement of optical CDMA networks with stochastic artificial bee colony optimization technique. Optical Fiber Technology, 2018, 42, 140-150.	1.4	16
424	A threat assessment method of group targets based on interval-valued intuitionistic fuzzy multi-attribute group decision-making. Applied Soft Computing Journal, 2018, 67, 350-369.	4.1	51
425	A restructured artificial bee colony optimizer combining life-cycle, local search and crossover operations for droplet property prediction in printable electronics fabrication. Journal of Intelligent Manufacturing, 2018, 29, 109-134.	4.4	0
426	Artificial bee colony algorithm with an adaptive greedy position update strategy. Soft Computing, 2018, 22, 437-451.	2.1	26
427	A food source-updating information-guided artificial bee colony algorithm. Neural Computing and Applications, 2018, 30, 775-787.	3.2	10
428	Fuzzy adaptive teaching–learning-based optimization for global numerical optimization. Neural Computing and Applications, 2018, 29, 309-327.	3.2	22
429	Biomimicry of plant root growth using bioinspired foraging model for data clustering. Neural Computing and Applications, 2018, 29, 819-836.	3.2	4
430	A sensitivity analysis method aimed at enhancing the metaheuristics for continuous optimization. Artificial Intelligence Review, 2018, 50, 625-647.	9.7	10
431	Applications of computational intelligence in vehicle traffic congestion problem: a survey. Soft Computing, 2018, 22, 2299-2320.	2.1	72
432	Empirical analysis of five nature-inspired algorithms on real parameter optimization problems. Artificial Intelligence Review, 2018, 50, 383-439.	9.7	20
433	Two swarm intelligence approaches for tuning extreme learning machine. International Journal of Machine Learning and Cybernetics, 2018, 9, 1271-1283.	2.3	16
434	Modified Gbest-guided artificial bee colony algorithm with new probability model. Soft Computing, 2018, 22, 2217-2243.	2.1	29
435	Modified multiple search cooperative foraging strategy for improved artificial bee colony optimization with robustness analysis. Soft Computing, 2018, 22, 6371-6394.	2.1	21
436	Many-objective artificial bee colony algorithm for large-scale software module clustering problem. Soft Computing, 2018, 22, 6341-6361.	2.1	38

#	Article	IF	Citations
437	Teaching–learning-based optimization with differential and repulsion learning for global optimization and nonlinear modeling. Soft Computing, 2018, 22, 7177-7205.	2.1	7
438	A multi-objective evolutionary artificial bee colony algorithm for optimizing network topology design. Swarm and Evolutionary Computation, 2018, 38, 187-201.	4.5	39
439	A novel artificial bee colony algorithm based on the cosine similarity. Computers and Industrial Engineering, 2018, 115, 54-68.	3 <b>.</b> 4	20
440	Modified global best artificial bee colony for constrained optimization problems. Computers and Electrical Engineering, 2018, 67, 365-382.	3.0	23
441	Toward modeling and optimization of features selection in Big Data based social Internet of Things. Future Generation Computer Systems, 2018, 82, 715-726.	4.9	68
442	A generalized type-2 fuzzy logic approach for dynamic parameter adaptation in bee colony optimization applied to fuzzy controller design. Information Sciences, 2018, 460-461, 476-496.	4.0	117
443	Application of bio-inspired algorithms in maximum power point tracking for PV systems under partial shading conditions – A review. Renewable and Sustainable Energy Reviews, 2018, 81, 840-873.	8.2	122
444	An improved artificial bee colony algorithm based on the gravity model. Information Sciences, 2018, 429, 49-71.	4.0	54
445	Modified Gbest Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2018, , 665-677.	0.5	11
446	Cellular Automata-based Improved Ant Colony-based Optimization Algorithm for mitigating DDoS attacks in VANETs. Future Generation Computer Systems, 2018, 82, 304-314.	4.9	24
447	Parameter estimation of fractional-order arbitrary dimensional hyperchaotic systems via a hybrid adaptive artificial bee colony algorithm with simulated annealing algorithm. Engineering Applications of Artificial Intelligence, 2018, 68, 172-191.	4.3	14
448	A novel artificial bee colony algorithm with local and global information interaction. Applied Soft Computing Journal, 2018, 62, 702-735.	4.1	47
449	Self-adaptive position update in artificial bee colony. International Journal of Systems Assurance Engineering and Management, 2018, 9, 802-810.	1.5	2
450	Modelling and solving the position tracking problem of remote-controlled gastrointestinal drug-delivery capsules. Biomedical Signal Processing and Control, 2018, 39, 213-218.	3 <b>.</b> 5	5
451	Free parameter search of multiple tuned mass dampers by using artificial bee colony algorithm. Structural Control and Health Monitoring, 2018, 25, e2066.	1.9	13
452	A Comparative of Neural Network with Metaheuristics for Electricity Consumption Forecast Modelling. , 2018, , .		2
453	A Modified Artificial Bee Colony Algorithm Application for Economic Environmental Dispatch. IOP Conference Series: Materials Science and Engineering, 2018, 339, 012008.	0.3	0
454	Damage Identification Algorithm of Hinged Joints for Simply Supported Slab Bridges Based on Modified Hinge Plate Method and Artificial Bee Colony Algorithms. Algorithms, 2018, 11, 198.	1.2	16

#	Article	IF	Citations
455	A novel approach for cloud service composition ensuring global QoS constraints optimization. , 2018, , .		2
456	Performance Analysis of Nature Inspired Computing Algorithms Under Hard Restrictions. , 2018, , .		0
457	Feature Selection with Artificial Bee Colony Algorithm on Z-Alizadeh Sani Dataset. , 2018, , .		9
458	An Improved Teaching-Learning-Based Optimization. , 2018, , .		3
459	PREDICTION OF CONCRETE STRENGTH WITH DATA MINING METHODS USING ARTIFICIAL BEE COLONY AS FEATURE SELECTOR. , 2018, , .		3
460	Analysis of Artificial Bee Colony algorithm for optimizing lecture schedule based on willingness of teaching submission. IOP Conference Series: Materials Science and Engineering, 2018, 434, 012038.	0.3	0
461	Modified Naive Bayes Algorithm for Network Intrusion Detection based on Artificial Bee Colony Algorithm. , $2018,  ,  .$		13
462	Artificial Bee Colony Algorithm for Feature Selection on SCADI Dataset. , 2018, , .		9
463	A Knowledge-Based Artificial Bee Colony Algorithm for the 3-D Protein Structure Prediction Problem. , 2018, , .		2
464	An Improved Artificial Bee Colony Algorithm with Diversity Control. , 2018, , .		0
465	Adaptive Black Hole Algorithm for Solving the Set Covering Problem. Mathematical Problems in Engineering, 2018, 2018, 1-23.	0.6	17
466	Empirical Analysis of Artificial Bee Colony Algorithm Parameters. , 2018, , .		1
467	Evaluation of Performance of Adaptive and Hybrid ABC (aABC) Algorithm in Solution of Numerical Optimization Problems. , 2018, , .		1
468	A New Artificial Bee Colony Algorithm for Solving Large-Scale Optimization Problems. Lecture Notes in Computer Science, 2018, , 329-337.	1.0	2
469	A Modified Artificial Bee Colony Algorithm for Image Denoising Using Parametric Wavelet Thresholding Method. Pattern Recognition and Image Analysis, 2018, 28, 557-568.	0.6	9
470	A Novel Honey-Bees Mating Optimization Approach with Higher order Neural Network for Classification. Journal of Classification, 2018, 35, 511-548.	1.2	10
471	An Artificial Bee Colony Algorithm with Random Location Updating. Scientific Programming, 2018, 2018, 1-9.	0.5	11
472	An Improved Artificial Bee Colony (ABC) Algorithm with Advanced Search Ability. , 2018, , .		9

#	Article	IF	Citations
473	A Developed Artificial Bee Colony Algorithm Based on Cloud Model. Mathematics, 2018, 6, 61.	1.1	10
474	Improved ABC Algorithm Optimizing the Bridge Sensor Placement. Sensors, 2018, 18, 2240.	2.1	11
475	A novel artificial bee colony algorithm for the workforce scheduling and balancing problem in sub-assembly lines with limited buffers. Applied Soft Computing Journal, 2018, 73, 767-782.	4.1	25
476	Reinforcement learning for solution updating in Artificial Bee Colony. PLoS ONE, 2018, 13, e0200738.	1.1	10
477	Wireless Sensor Network Localization Problem by Hybridized Moth Search Algorithm., 2018,,.		18
478	Forecasting of Energy Consumption in China Based on Ensemble Empirical Mode Decomposition and Least Squares Support Vector Machine Optimized by Improved Shuffled Frog Leaping Algorithm. Applied Sciences (Switzerland), 2018, 8, 678.	1.3	14
479	A Literature Survey of Optimization Techniques for Satellite Image Segmentation. , 2018, , .		26
480	Image Threshold Segmentation Based on an Improved Bee Colony Algorithm. , 2018, , .		0
481	A comprehensive review on parameter estimation techniques for Proton Exchange Membrane fuel cell modelling. Renewable and Sustainable Energy Reviews, 2018, 93, 121-144.	8.2	127
482	An Improved Artificial Bee Colony Algorithm Based on Factor Library and Dynamic Search Balance. Mathematical Problems in Engineering, 2018, 2018, 1-16.	0.6	2
483	On the Theoretical Analysis of the Plant Propagation Algorithms. Mathematical Problems in Engineering, 2018, 2018, 1-8.	0.6	13
484	Finite-time model-assisted active disturbance rejection control with a novel parameters optimizer for hypersonic reentry vehicle subject to multiple disturbances. Aerospace Science and Technology, 2018, 79, 588-600.	2.5	24
485	A swarm intelligence approach for the colored traveling salesman problem. Applied Intelligence, 2018, 48, 4412-4428.	3.3	29
486	A bare bones bacterial foraging optimization algorithm. Cognitive Systems Research, 2018, 52, 301-311.	1.9	19
487	An Approach to Resource and QoS-Aware Services Optimal Composition in the Big Service and Internet of Things. IEEE Access, 2018, 6, 39895-39906.	2.6	16
488	A Modified Artificial Bee Colony Algorithm Based on the Self-Learning Mechanism. Algorithms, 2018, 11, 78.	1.2	6
489	Artificial Flora (AF) Optimization Algorithm. Applied Sciences (Switzerland), 2018, 8, 329.	1.3	85
490	Forecasting of Energy-Related CO2 Emissions in China Based on $GM(1,1)$ and Least Squares Support Vector Machine Optimized by Modified Shuffled Frog Leaping Algorithm for Sustainability. Sustainability, 2018, 10, 958.	1.6	28

#	Article	IF	CITATIONS
491	An adaptive unified artificial bee colony algorithm for global optimization. , 2018, , .		0
492	A new hybrid optimization method combining artificial bee colony and limited-memory BFGS algorithms for efficient numerical optimization. Applied Soft Computing Journal, 2018, 70, 826-844.	4.1	43
493	Optimization of Reservoir Operation using New Hybrid Algorithm. KSCE Journal of Civil Engineering, 2018, 22, 4668-4680.	0.9	25
494	Optimal fuzzy inverse dynamics control of a parallelogram mechanism based on a new multi-objective PSO. Cogent Engineering, 2018, 5, 1443675.	1.1	7
495	Integration of growing self-organizing map and bee colony optimization algorithm for part clustering. Computers and Industrial Engineering, 2018, 120, 251-265.	3.4	24
496	Hybridized moth search algorithm for constrained optimization problems. , 2018, , .		14
497	Cellular Artificial Bee Colony algorithm with Gaussian distribution. Information Sciences, 2018, 462, 374-401.	4.0	23
498	Teaching-Learning-Based Artificial Bee Colony. Lecture Notes in Computer Science, 2018, , 166-178.	1.0	12
499	Numerical Improvement for the Mechanical Performance of Bikes Based on an Intelligent PSO-ABC Algorithm and WSN Technology. IEEE Access, 2018, 6, 32890-32898.	2.6	17
500	Efficient Artificial Bee Colony Optimization. Communications in Computer and Information Science, 2018, , 228-245.	0.4	0
501	A hyper-heuristic based artificial bee colony algorithm for k-Interconnected multi-depot multi-traveling salesman problem. Information Sciences, 2018, 463-464, 261-281.	4.0	40
502	A novel strategy for the combinatorial production planning problem using integer variables and performance evaluation of recent optimization algorithms. Swarm and Evolutionary Computation, 2018, 43, 225-243.	4.5	12
503	Artificial Bee Colony Algorithm Variants and Its Application to Colormap Quantization. Studies in Computational Intelligence, 2019, , 25-41.	0.7	5
504	Natural selection methods for artificial bee colony with new versions of onlooker bee. Soft Computing, 2019, 23, 6455-6494.	2.1	44
505	Artificial Bee Colony Algorithm Based on Novel Mechanism for Fuzzy Portfolio Selection. IEEE Transactions on Fuzzy Systems, 2019, 27, 966-978.	6.5	37
507	Modeling and simulation of improved artificial bee colony algorithm with data-driven optimization. Simulation Modelling Practice and Theory, 2019, 93, 305-321.	2.2	15
508	Multi-strategy and Dimension Perturbation Ensemble of Artificial Bee Colony. , 2019, , .		7
509	Multiâ€objective optimisation design and performance comparison of permanent magnet synchronous motor for EVs based on FEA. IET Electric Power Applications, 2019, 13, 1157-1166.	1.1	33

#	Article	IF	Citations
510	Self-Organizing Migrating Algorithm Team To Team Adaptive – SOMA T3A. , 2019, , .		11
511	On-line Search History-assisted Restart Strategy for Covariance Matrix Adaptation Evolution Strategy., 2019,,.		0
512	Improving Artificial Bee Colony Algorithm Using a Dynamic Reduction Strategy for Dimension Perturbation. Mathematical Problems in Engineering, 2019, 2019, 1-11.	0.6	2
513	An effective refined artificial bee colony algorithm for numerical optimisation. Information Sciences, 2019, 504, 221-275.	4.0	35
514	An improved artificial bee colony algorithm with fast strategy, and its application. Computers and Electrical Engineering, 2019, 78, 79-88.	3.0	15
515	Prevention Techniques Employed in Wireless Ad-Hoc Networks. , 2019, , .		2
516	A parameter estimation algorithm for induction machines using Artificial Bee Colony (ABC) optimization. Nigerian Journal of Technology, 2019, 38, 193.	0.2	5
517	Adaptive <mml:math altimg="si3.svg" display="inline" id="d1e44763" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>k</mml:mi></mml:math> -tournament mutation scheme for differential evolution. Applied Soft Computing Journal, 2019, 85, 105776.	4.1	9
518	Improved Self-adaptive Search Equation-based Artificial Bee Colony Algorithm with competitive local search strategy. Swarm and Evolutionary Computation, 2019, 51, 100582.	4.5	20
519	A Novel Artificial Bee Colony Algorithm with Division of Labor for Solving CEC 2019 100-Digit Challenge Benchmark Problems. , 2019, , .		4
520	Hybryd Approach for Computer-Aided Design Problems. , 2019, , .		8
521	Acceleration Harmonic Estimation using an Approach based Artificial Bee Colony Algorithm: A Hydraulic Shaking Table Application. , 2019, , .		2
522	A high-efficiency adaptive artificial bee colony algorithm using two strategies for continuous optimization. Swarm and Evolutionary Computation, 2019, 50, 100549.	4.5	36
523	Investigations on Metaheuristic Algorithm for Designing Adaptive PID Controller for Continuous Stirred Tank Reactor. Mapan - Journal of Metrology Society of India, 2019, 34, 113-119.	1.0	21
524	The influence of samples on meta-heuristic algorithm for parameter estimation of chaotic system. Modern Physics Letters B, 2019, 33, 1950041.	1.0	13
525	A decision variable-based combinatorial optimization approach for interval-valued intuitionistic fuzzy MAGDM. Information Sciences, 2019, 484, 197-218.	4.0	19
526	A robust underwater navigation method fusing data of gravity anomaly and magnetic anomaly. International Journal of Systems Science, 2019, 50, 679-693.	3.7	5
527	An effective solution for large scale single machine total weighted tardiness problem using lunar cycle inspired artificial bee colony algorithm. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1.	1.9	8

#	Article	IF	Citations
528	Moth Flame Clustering Algorithm for Internet of Vehicle (MFCA-IoV). IEEE Access, 2019, 7, 11613-11629.	2.6	52
529	A Cyclical Non-Linear Inertia-Weighted Teaching–Learning-Based Optimization Algorithm. Algorithms, 2019, 12, 94.	1.2	3
530	A Multi-objective Swarm-Based Algorithm for the Prediction of Protein Structures. Lecture Notes in Computer Science, 2019, , 101-115.	1.0	4
531	A Modified Dragonfly Optimization Algorithm for Single- and Multiobjective Problems Using Brownian Motion. Computational Intelligence and Neuroscience, 2019, 2019, 1-17.	1.1	45
532	Global Artificial Bee Colony Search Algorithm for Data Clustering. International Journal of Swarm Intelligence Research, 2019, 10, 48-59.	0.5	5
533	Hybrid Artificial Bee Colony Algorithm for Improving the Coverage and Connectivity of Wireless Sensor Networks. Wireless Personal Communications, 2019, 108, 1719-1732.	1.8	24
534	A decomposition and statistical learning based many-objective artificial bee colony optimizer. Information Sciences, 2019, 496, 82-108.	4.0	20
535	Optimization of Adaptive Noise Canceller with Grey Wolf Optimizer for EEG/ERP Signal Noise Cancellation. , 2019, , .		3
536	Solving Gravity Anomaly Matching Problem Under Large Initial Errors in Gravity Aided Navigation by Using an Affine Transformation Based Artificial Bee Colony Algorithm. Frontiers in Neurorobotics, 2019, 13, 19.	1.6	8
537	Groundwater Level Prediction for the Arid Oasis of Northwest China Based on the Artificial Bee Colony Algorithm and a Back-propagation Neural Network with Double Hidden Layers. Water (Switzerland), 2019, 11, 860.	1.2	27
538	Improved Gbest artificial bee colony algorithm for the constraints optimization problems. Evolutionary Intelligence, 2021, 14, 1271-1277.	2.3	9
539	Effectiveness of Nature-Inspired Algorithms using ANFIS for Blade Design Optimization and Wind Turbine Efficiency. Symmetry, 2019, 11, 456.	1.1	12
540	An artificial bee colony algorithm with variable degree of perturbation for the generalized covering traveling salesman problem. Applied Soft Computing Journal, 2019, 78, 481-495.	4.1	45
541	Fast artificial bee colony algorithm with complex network and naive bayes classifier for supply chain network management. Soft Computing, 2019, 23, 13321-13337.	2.1	8
542	Integrating Artificial Bee Colony Algorithm and BP Neural Network for Software Aging Prediction in IoT Environment. IEEE Access, 2019, 7, 32941-32948.	2.6	21
543	An Improved Artificial Bee Colony Algorithm With Fitness-Based Information. IEEE Access, 2019, 7, 41052-41065.	2.6	2
544	Performance Investigation of Artificial Bee Colony (ABC) Algorithm for Permutation Flowshop Scheduling Problem (PFSP). Journal of Physics: Conference Series, 2019, 1150, 012060.	0.3	1
545	Large-scale urban mapping using integrated geographic object-based image analysis and artificial bee colony optimization from worldview-3 data. International Journal of Remote Sensing, 2019, 40, 6796-6821.	1.3	19

#	Article	IF	CITATIONS
546	Flexible time-of-use tariff with dynamic demand using artificial bee colony with transferred memory scheme. Swarm and Evolutionary Computation, 2019, 46, 235-251.	4.5	15
547	Scheduling just-in-time part replenishment of the automobile assembly line with unrelated parallel machines. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 5113-5130.	1.1	9
548	New single machine scheduling with nonnegative inventory constraints and discretely controllable processing times. Optimization Letters, 2019, 13, 1111-1142.	0.9	3
549	Artificial Bee Colony algorithm with improved search mechanism. Soft Computing, 2019, 23, 12437-12460.	2.1	10
550	An individual dependent multi-colony artificial bee colony algorithm. Information Sciences, 2019, 485, 114-140.	4.0	37
551	A tree-structured random walking swarm optimizer for multimodal optimization. Applied Soft Computing Journal, 2019, 78, 94-108.	4.1	11
552	A New Multi-strategy Ensemble Artificial Bee Colony Algorithm for Water Demand Prediction. Communications in Computer and Information Science, 2019, , 63-70.	0.4	3
553	A Multi-population Genetic Algorithm Based on Dynamic P System for Solving Constrained Optimization Problems. , 2019, , .		1
554	Study of Modified Chaotic Artificial Bee Colony Algorithm Based on Process Solutions. , 2019, , .		0
555	A New Artificial Bee Colony Based on Multiple Search Strategies and Dimension Selection. IEEE Access, 2019, 7, 133982-133995.	2.6	9
556	Fault-Tolerant Dynamic Control of a Four-Wheel Redundantly-Actuated Mobile Robot. IEEE Access, 2019, 7, 157909-157921.	2.6	23
557	Archimedean spiral based artificial bee colony algorithm. Journal of Statistics and Management Systems, 2019, 22, 1301-1313.	0.3	2
558	Unusual phenomenon of optimizing the Griewank function with the increase of dimension. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 1344-1360.	1.5	9
559	A Multistrategy Artificial Bee Colony Algorithm Enlightened by Variable Neighborhood Search. Computational Intelligence and Neuroscience, 2019, 2019, 1-19.	1.1	4
560	Forecasting Uganda's Net Electricity Consumption Using a Hybrid PSO-ABC Algorithm. Arabian Journal for Science and Engineering, 2019, 44, 3021-3031.	1.7	8
561	Atom search optimization and its application to solve a hydrogeologic parameter estimation problem. Knowledge-Based Systems, 2019, 163, 283-304.	4.0	417
562	Exploration–exploitation balance in Artificial Bee Colony algorithm: a critical analysis. Soft Computing, 2019, 23, 9525-9536.	2.1	18
563	Artificial Bee Colony Optimizationâ€"Population-Based Meta-Heuristic Swarm Intelligence Technique. Advances in Intelligent Systems and Computing, 2019, , 513-525.	0.5	8

#	Article	IF	CITATIONS
564	Networked correlation-aware manufacturing service supply chain optimization using an extended artificial bee colony algorithm. Applied Soft Computing Journal, 2019, 76, 121-139.	4.1	16
565	Complex network oriented artificial bee colony algorithm for global bi-objective optimization in three-echelon supply chain. Applied Soft Computing Journal, 2019, 76, 193-204.	4.1	14
566	A Multi-Species Artificial Bee Colony Algorithm and Its Application for Crowd Simulation. IEEE Access, 2019, 7, 2549-2558.	2.6	16
567	Signal Synthesis Model Reference Adaptive Controller with Genetic Algorithm for a Control of Chemical Tank Reactor. International Journal of Chemical Reactor Engineering, 2019, 17, .	0.6	9
568	Self-adaptive differential artificial bee colony algorithm for global optimization problems. Swarm and Evolutionary Computation, 2019, 45, 70-91.	4.5	71
569	Quantum-Behaved Particle Swarm Optimization with Weighted Mean Personal Best Position and Adaptive Local Attractor. Information (Switzerland), 2019, 10, 22.	1.7	8
570	Optimal scenario design of steam-assisted gravity drainage to enhance oil recovery with temperature and rate control. Energy, 2019, 166, 610-623.	4.5	33
571	Using PSO-GA algorithm for training artificial neural network to forecast solar space heating system parameters. Applied Thermal Engineering, 2019, 147, 647-660.	3.0	66
572	Signal Synthesis Model Reference Adaptive Controller with Artificial Intelligent Technique for a Control of Continuous Stirred Tank Reactor. International Journal of Chemical Reactor Engineering, 2019, 17, .	0.6	10
573	Artificial bee colony algorithm based on Parzen window method. Applied Soft Computing Journal, 2019, 74, 679-692.	4.1	29
574	An improved firework algorithm for hardware/software partitioning. Applied Intelligence, 2019, 49, 950-962.	3.3	10
575	Cooperative Artificial Bee Colony Algorithm With Multiple Populations for Interval Multiobjective Optimization Problems. IEEE Transactions on Fuzzy Systems, 2019, 27, 1052-1065.	6.5	49
576	Improved metaheuristic-based energy-efficient clustering protocol with optimal base station location in wireless sensor networks. Soft Computing, 2019, 23, 1021-1037.	2.1	25
577	A hybrid artificial bee colony algorithm with modified search model for numerical optimization. Cluster Computing, 2019, 22, 2581-2588.	3.5	8
578	A Decomposition-Based Many-Objective Artificial Bee Colony Algorithm. IEEE Transactions on Cybernetics, 2019, 49, 287-300.	6.2	30
579	A novel artificial bee colony algorithm for inverse kinematics calculation of 7-DOF serial manipulators. Soft Computing, 2019, 23, 3269-3277.	2.1	23
580	An improved global best guided artificial bee colony algorithm for continuous optimization problems. Cluster Computing, 2019, 22, 3011-3019.	3.5	44
581	Combined artificial bee colony algorithm and machine learning techniques for prediction of online consumer repurchase intention. Neural Computing and Applications, 2019, 31, 877-890.	3.2	29

#	Article	IF	CITATIONS
582	Improved artificial bee colony metaheuristic for energy-efficient clustering in wireless sensor networks. Artificial Intelligence Review, 2019, 51, 329-354.	9.7	38
583	The Spiral Optimization Algorithm: Convergence Conditions and Settings. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 360-375.	5.9	28
584	Artificial bee colony algorithm: A component-wise analysis using diversity measurement. Journal of King Saud University - Computer and Information Sciences, 2020, 32, 794-808.	2.7	17
585	A novel numerical optimization algorithm inspired from garden balsam. Neural Computing and Applications, 2020, 32, 16783-16794.	3.2	5
586	A novel metaheuristic inspired by Hitchcock birds' behavior for efficient optimization of large search spaces of high dimensionality. Soft Computing, 2020, 24, 5633-5655.	2.1	6
587	Improving the one-position inheritance artificial bee colony algorithm using heuristic search mechanisms. Soft Computing, 2020, 24, 1271-1281.	2.1	4
588	A comparison of modified tree–seed algorithm for high-dimensional numerical functions. Neural Computing and Applications, 2020, 32, 6877-6911.	3.2	18
589	High-quality-guided artificial bee colony algorithm for designing loudspeaker. Neural Computing and Applications, 2020, 32, 4473-4480.	3.2	2
590	Fireworks explosion based artificial bee colony for numerical optimization. Knowledge-Based Systems, 2020, 188, 105002.	4.0	14
591	A sanitization approach for privacy preserving data mining on social distributed environment. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 2761-2777.	3.3	19
592	A binary monkey search algorithm variation for solving the set covering problem. Natural Computing, 2020, 19, 825-841.	1.8	10
593	Training Feed-Forward Artificial Neural Networks with a modified artificial bee colony algorithm. Neurocomputing, 2020, 416, 69-84.	3.5	28
594	Hybrid advanced player selection strategy based population search for global optimization. Expert Systems With Applications, 2020, 139, 112825.	4.4	5
595	Artificial ecosystem-based optimization: a novel nature-inspired meta-heuristic algorithm. Neural Computing and Applications, 2020, 32, 9383-9425.	3.2	233
596	Artificial bee colony algorithm in data flow testing for optimal test suite generation. International Journal of Systems Assurance Engineering and Management, 2020, 11, 340-349.	1.5	16
597	An optimal adaptive hybrid controller for a fourth-order under-actuated nonlinear inverted pendulum system. Transactions of the Institute of Measurement and Control, 2020, 42, 285-294.	1.1	22
598	The New Methodology for Long-Haul Time Dependent Vehicular Network. Wireless Personal Communications, 2020, 111, 753-761.	1.8	2
599	Manta ray foraging optimization: An effective bio-inspired optimizer for engineering applications. Engineering Applications of Artificial Intelligence, 2020, 87, 103300.	4.3	605

#	Article	IF	CITATIONS
600	Simulation based calculation of the inverse kinematics solution of 7-DOF robot manipulator using artificial bee colony algorithm. SN Applied Sciences, 2020, 2, 1.	1.5	25
601	Local energy system design support using a renewable energy mix multi-objective optimization model and a co-creative optimization process. Renewable Energy, 2020, 156, 1278-1291.	4.3	24
602	A new global best guided artificial bee colony algorithm with application in robot path planning. Applied Soft Computing Journal, 2020, 88, 106037.	4.1	58
603	A genetic Artificial Bee Colony algorithm for signal reconstruction based big data optimization. Applied Soft Computing Journal, 2020, 88, 106053.	4.1	32
604	Role of swarm and evolutionary algorithms for intrusion detection system: A survey. Swarm and Evolutionary Computation, 2020, 53, 100631.	4.5	66
605	A novel singular spectrum analysis-based multi-objective approach for optimal FIR filter design using artificial bee colony algorithm. Neural Computing and Applications, 2020, 32, 13323-13341.	3.2	14
606	Artificial bee colony directive for continuous optimization. Applied Soft Computing Journal, 2020, 87, 105982.	4.1	21
607	An Artificial Bee Colony Algorithm for Data Replication Optimization in Cloud Environments. IEEE Access, 2020, 8, 51841-51852.	2.6	19
608	Privacy-preserving in association rule mining using an improved discrete binary artificial bee colony. Expert Systems With Applications, 2020, 144, 113097.	4.4	27
609	Random orthocenter strategy in interior search algorithm and its engineering application. Soft Computing, 2020, 24, 5933-5948.	2.1	1
610	Determination with Linear Form of Turkey's Energy Demand Forecasting by the Tree Seed Algorithm and the Modified Tree Seed Algorithm. Advances in Electrical and Computer Engineering, 2020, 20, 27-34.	0.5	12
611	Improved Artificial Bee Colony Algorithm and Its Application to Fundus Retinal Blood Vessel Image Binarization. IEEE Access, 2020, 8, 123726-123734.	2.6	11
612	An improved artificial bee colony algorithm for solving multi-objective low-carbon flexible job shop scheduling problem. Applied Soft Computing Journal, 2020, 95, 106544.	4.1	75
613	Discrimination between Healthy and Unhealthy Mole Lesions using Artificial Swarm Intelligence. IOP Conference Series: Materials Science and Engineering, 2020, 671, 012034.	0.3	5
614	Trim Loss Optimization in Paper Production Using Reinforcement Artificial Bee Colony. IEEE Access, 2020, 8, 130647-130660.	2.6	2
615	A Hybrid Feature Selection Approach Using Artificial Bee Colony and Genetic Algorithm. , 2020, , .		6
616	Engine-bracket drilling fixture layout optimization for minimizing the workpiece deformation. Engineering Computations, 2020, ahead-of-print, .	0.7	6
617	Optimal Non-Convex Combined Heat and Power Economic Dispatch via Improved Artificial Bee Colony Algorithm. Processes, 2020, 8, 1036.	1.3	16

#	Article	IF	CITATIONS
618	A-DVM: A Self-Adaptive Variable Matrix Decision Variable Selection Scheme for Multimodal Problems. Entropy, 2020, 22, 1004.	1.1	1
619	A survey of the state-of-the-art swarm intelligence techniques and their application to an inverse design problem. Journal of Computational Electronics, 2020, 19, 1606-1628.	1.3	10
620	Absolute versus stochastic stability of the artificial bee colony in synchronous and sequential modes. Natural Computing, 2020, 20, 443.	1.8	1
621	Integrating Multi-Index Materials Classification and Inventory Control in Discrete Manufacturing Industry: Using a Hybrid ABC-Chaos Algorithm. IEEE Transactions on Engineering Management, 2022, 69, 1276-1293.	2.4	2
622	Artificial Bee Colony with Levy Flights for Parameter Estimation of 3-p Weibull Distribution. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 851-864.	0.7	11
623	Acceleration harmonics estimation and elimination with MABC–RLS algorithm: Simulation and experimental analyses on shaking table. Applied Soft Computing Journal, 2020, 92, 106377.	4.1	4
624	An artificial bee colony algorithm with adaptive heterogeneous competition for global optimization problems. Applied Soft Computing Journal, 2020, 93, 106391.	4.1	19
625	Estimation of minimum miscibility pressure during CO <sub>2</sub> flooding in hydrocarbon reservoirs using an optimized neural network. Energy Exploration and Exploitation, 2020, 38, 2485-2506.	1.1	4
626	ABC method for hysteresis model parameters identification. Journal of Magnetism and Magnetic Materials, 2020, 505, 166724.	1.0	5
627	Nature-Inspired Optimization Algorithms for the 3D Reconstruction of Porous Media. Algorithms, 2020, 13, 65.	1.2	3
629	Lima $\tilde{A}$ § on inspired artificial bee colony algorithm for numerical optimization. Evolutionary Intelligence, 2020, , 1.	2.3	2
630	Spam filtering using a logistic regression model trained by an artificial bee colony algorithm. Applied Soft Computing Journal, 2020, 91, 106229.	4.1	77
631	A multi-population memetic algorithm for the 3-D protein structure prediction problem. Swarm and Evolutionary Computation, 2020, 55, 100677.	4.5	13
632	An innovative flower pollination algorithm for continuous optimization problem. Applied Mathematical Modelling, 2020, 83, 237-265.	2.2	28
633	A novel explanatory hybrid artificial bee colony algorithm for numerical function optimization. Journal of Supercomputing, 2020, 76, 9330-9354.	2.4	9
634	Influence of initialization on the performance of metaheuristic optimizers. Applied Soft Computing Journal, 2020, 91, 106193.	4.1	53
635	An improved artificial bee colony algorithm for balancing local and global search behaviors in continuous optimization. International Journal of Machine Learning and Cybernetics, 2020, 11, 2051-2076.	2.3	39
636	Island artificial bee colony for global optimization. Soft Computing, 2020, 24, 13461-13487.	2.1	27

#	Article	IF	CITATIONS
637	Robust parallel hybrid artificial bee colony algorithms for the multi-dimensional numerical optimization. Journal of Supercomputing, 2020, 76, 7026-7046.	2.4	8
638	A regression-based approach for estimating preliminary dimensioning of reinforced concrete cantilever retaining walls. Structural and Multidisciplinary Optimization, 2020, 61, 1657-1675.	1.7	11
639	Evolving Transcriptomic Profiles from Single-cell RNA-seq Data using Nature-Inspired Multiobjective Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 18, 1-1.	1.9	1
640	Design of a BR-ABC Algorithm-Based Fuzzy Model for Glucose Detection. Augmented Human Research, 2020, 5, 1.	3.5	1
641	Application of Hybrid Intelligent Algorithms in Path Planning. Journal of Physics: Conference Series, 2020, 1487, 012004.	0.3	0
642	Research on Convergence of Artificial bee colony algorithm based on crossover and consistency distribution–good point set. IOP Conference Series: Earth and Environmental Science, 2020, 446, 052007.	0.2	2
643	Multi-robot path planning using improved particle swarm optimization algorithm through novel evolutionary operators. Applied Soft Computing Journal, 2020, 92, 106312.	4.1	89
644	New Caledonian crow learning algorithm: A new metaheuristic algorithm for solving continuous optimization problems. Applied Soft Computing Journal, 2020, 92, 106325.	4.1	24
645	Two hybrid metaheuristic approaches for the covering salesman problem. Neural Computing and Applications, 2020, 32, 15643-15663.	3.2	19
646	Multiswarm Artificial Bee Colony algorithm based on spark cloud computing platform for medical image registration. Computer Methods and Programs in Biomedicine, 2020, 192, 105432.	2.6	14
647	Improving artificial Bee colony algorithm using a new neighborhood selection mechanism. Information Sciences, 2020, 527, 227-240.	4.0	111
648	A Memetic Artificial Bee Colony Algorithm for High Dimensional Problems. International Journal of Computational Intelligence and Applications, 2020, 19, 2050008.	0.6	3
649	An improved artificial bee colony algorithm based on mean best-guided approach for continuous optimization problems and real brain MRI images segmentation. Neural Computing and Applications, 2021, 33, 1671-1697.	3.2	19
650	Grasshopper inspired artificial bee colony algorithm for numerical optimisation. Journal of Experimental and Theoretical Artificial Intelligence, 2021, 33, 363-381.	1.8	8
651	An intensify atom search optimization for engineering design problems. Applied Mathematical Modelling, 2021, 89, 837-859.	2.2	27
652	Enhancing artificial bee colony algorithm with multi-elite guidance. Information Sciences, 2021, 543, 242-258.	4.0	54
653	Peripheral pulse multi-Gaussian decomposition using a modified artificial bee colony algorithm. Biomedical Signal Processing and Control, 2021, 65, 102319.	3.5	3
654	Artificial bee colony algorithm with a pure crossover operation for binary optimization. Computers and Industrial Engineering, 2021, 152, 107011.	3.4	13

#	Article	IF	CITATIONS
655	Performance evaluation of artificial bee colony algorithm and its variants in the optimum design of steel skeletal structures. Asian Journal of Civil Engineering, 2021, 22, 73-91.	0.8	3
656	Managing Data Quality of the Data Warehouse: A Chance-Constrained Programming Approach. Information Systems Frontiers, 2021, 23, 375.	4.1	11
657	Statistical Investigation of the Robustness for the Optimization Algorithms. Springer Tracts in Nature-inspired Computing, 2021, , 201-224.	1.2	2
658	Seismic performance of shallow depth tuned liquid damper. Research on Engineering Structures and Materials, 2021, , .	0.2	0
659	Modified Artificial Bee Colony Algorithm for Sizing Optimization of Truss Structures. Springer Tracts in Nature-inspired Computing, 2021, , 65-92.	1.2	0
660	Swarm and Evolutionary Optimization Algorithm. Springer Briefs in Electrical and Computer Engineering, 2021, , 51-81.	0.3	0
661	Population Diversity Guided Dimension Perturbation for Artificial Bee Colony Algorithm. Communications in Computer and Information Science, 2021, , 473-485.	0.4	5
662	The Hybrid Approach for the Partitioning of VLSI Circuits. Communications in Computer and Information Science, 2021, , 144-153.	0.4	0
663	An Improved Artificial Bee Colony Algorithm for Community Detection in Bipartite Networks. IEEE Access, 2021, 9, 10025-10040.	2.6	3
664	Artificial ecosystem-based optimization algorithm., 2021,, 59-91.		0
665	Applications of Flower Pollination Algorithm in Wireless Sensor Networking and Image Processing: A Detailed Study. Springer Tracts in Nature-inspired Computing, 2021, , 197-220.	1.2	2
667	(CDRGI)-Cancer detection through relevant genes identification. Neural Computing and Applications, 0, , 1.	3.2	3
668	Application of artificial bee colony algorithm for particle size distribution measurement of suspended sediment based on focused ultrasonic sensor. Transactions of the Institute of Measurement and Control, 2021, 43, 1680-1690.	1.1	5
669	Multipopulation artificial bee colony algorithm based on a modified probability selection model. Concurrency Computation Practice and Experience, 2021, 33, e6216.	1.4	2
670	Test scheduling of System-on-Chip using Dragonfly and Ant Lion optimization algorithms. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4905-4917.	0.8	74
671	Improved artificial bee colony algorithm based on damping motion and artificial fish swarm algorithm. Journal of Physics: Conference Series, 2021, 1903, 012038.	0.3	2
672	A Multi-objective optimized node deployment algorithm for Wireless Sensor Networks Based on the Improved ABC. Journal of Physics: Conference Series, 2021, 1848, 012039.	0.3	2
673	Network reconstruction from betweenness centrality by artificial bee colony. Swarm and Evolutionary Computation, 2021, 62, 100851.	4.5	3

#	Article	IF	CITATIONS
674	Stratified opposition-based initialization for variable-length chromosome shortest path problem evolutionary algorithms. Expert Systems With Applications, 2021, 170, 114525.	4.4	5
675	A new standard error based artificial bee colony algorithm and its applications in feature selection. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 4554-4567.	2.7	5
676	Weighted Salp Swarm and Salp Swarm Algorithms in FiWi access network: A new paradigm for ONU placement. Optical Fiber Technology, 2021, 63, 102505.	1.4	10
677	A comparison of optimisation algorithms for high-dimensional particle and astrophysics applications. Journal of High Energy Physics, 2021, 2021, 1.	1.6	7
678	Artificial Bee Colony Algorithm for Solving Green Vehicle Routing Problems with Time Windows. Journal of Physics: Conference Series, 2021, 1933, 012043.	0.3	8
679	Mitigating DDoS attacks in VANETs using a Variant Artificial Bee Colony Algorithm based on cellular automata. Soft Computing, 2021, 25, 12191-12201.	2.1	6
680	Modifiye Yapay Arı Kolonisi Algoritması ile Konsol Dayanma Duvarının TÃ⅓rkiye Bina Deprem Yönetmeli 2018' e Göre Optimum Tasarımı. European Journal of Science and Technology, 0, , .	ÄŸi O.5	1
681	Multi-objective task scheduling in cloud computing environment by hybridized bat algorithm. Journal of Intelligent and Fuzzy Systems, 2021, 42, 411-423.	0.8	55
682	A Fuzzy Cooperative Approach to Resolve the Image Segmentation Problem. International Journal of Swarm Intelligence Research, 2021, 12, 188-214.	0.5	0
683	BÜYÜK ÖLÇEKLİ SÜREKLİ OPTİMİZASYON PROBLEMLERİ İÇİN ELİT BİREY TABANLI YAPAY Eskişehir Osmangazi Üniversitesi Mþhendislik Ve Mimarlık Fakültesi Dergisi, 2021, 29, 235-248.	ARI KOLO	NİSİ AL(
684	Artificial bee colony algorithm with directed scout. Soft Computing, 2021, 25, 13567-13593.	2.1	7
685	Quantum Teaching-Learning-Based Optimization algorithm for sizing optimization of skeletal structures with discrete variables. Structures, 2021, 32, 1798-1819.	1.7	17
686	Investigation of an air-coupled transducer with a closed-cell material matching strategy and an optimization design considering the electrical input impedance. Ultrasonics, 2021, 115, 106477.	2.1	3
687	Effects of memory and genetic operators on Artificial Bee Colony algorithm for Single Container Loading problem. Applied Soft Computing Journal, 2021, 108, 107462.	4.1	14
688	Minimizing Power Loss Using Modified Artificial Bee Colony Algorithm. Jurnal Pendidikan Malaysia, 2021, 6, 111-118.	0.1	0
689	A review of applied methods of optimization in steel structures. Ce/Papers, 2021, 4, 2315-2321.	0.1	0
690	A multi-item supply chain with multi-level trade credit policy under inflation: A mixed mode ABC approach. Computers and Industrial Engineering, 2021, 159, 107412.	3.4	3
691	Assessment and prediction of cement paste flow behavior; Marsh-funnel flow time and mini-slump values. Construction and Building Materials, 2021, 301, 124072.	3.2	14

#	Article	IF	CITATIONS
692	Review of Metaheuristics Inspired from the Animal Kingdom. Mathematics, 2021, 9, 2335.	1.1	27
693	A Review on Representative Swarm Intelligence Algorithms for Solving Optimization Problems: Applications and Trends. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1627-1643.	8.5	335
694	A Novel Smell Agent Optimization (SAO): An extensive CEC study and engineering application. Knowledge-Based Systems, 2021, 232, 107486.	4.0	49
695	New enhanced colliding body optimization algorithm based on a novel strategy for exploration. Journal of Building Engineering, 2021, 43, 102553.	1.6	2
696	Time-series interval prediction under uncertainty using modified double multiplicative neuron network. Expert Systems With Applications, 2021, 184, 115478.	4.4	6
697	Applying hybrid genetic and artificial bee colony algorithms to simulate a bio-treatment of synthetic dye-polluted wastewater using a rhamnolipid biosurfactant. Journal of Environmental Management, 2021, 299, 113666.	3.8	9
698	Optimization of Energy Efficiency of Multiple-Stage Evaporator Using ABC Algorithm. Lecture Notes in Mechanical Engineering, 2021, , 521-536.	0.3	3
699	Engineering applications of atom search optimization algorithm. , 2021, , 47-57.		0
700	A Many-Objective Artificial Bee Colony Algorithm Based on Adaptive Grid. IEEE Access, 2021, 9, 97138-97151.	2.6	2
703	An Artificial Bee Colony Algorithm Guided by Lévy Flights Disturbance Strategy for Global Optimization. Lecture Notes in Electrical Engineering, 2015, , 493-503.	0.3	4
704	Clustering Algorithm Based on Fruit Fly Optimization. Lecture Notes in Computer Science, 2015, , 408-419.	1.0	5
705	Artificial Bee Colony Algorithm with Hierarchical Groups for Global Numerical Optimization. Lecture Notes in Computer Science, 2017, , 72-85.	1.0	1
707	Solving Composite Test Functions Using Teaching-Learning-Based Optimization Algorithm. Advances in Intelligent Systems and Computing, 2013, , 395-403.	0.5	3
708	Two Improved Artificial Bee Colony Algorithms Inspired by Grenade Explosion Method. Communications in Computer and Information Science, 2013, , 100-105.	0.4	1
709	Water Cycle and Artificial Bee Colony Based Algorithms for Optimal Order Allocation Problem with Mixed Quantity Discount Scheme. Lecture Notes in Electrical Engineering, 2015, , 229-239.	0.3	4
710	A Segmented Artificial Bee Colony Algorithm Based on Synchronous Learning Factors. Lecture Notes in Computer Science, 2016, , 636-643.	1.0	1
711	Gbest-Artificial Bee Colony Algorithm to Solve Load Flow Problem. Advances in Intelligent Systems and Computing, 2014, , 529-538.	0.5	3
712	Modified Activity of Scout Bee in ABC for Global Optimization. Advances in Intelligent Systems and Computing, 2014, , 649-659.	0.5	1

#	Article	IF	CITATIONS
713	Expedited Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2014, , 787-800.	0.5	9
714	An Astute Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2017, , 153-162.	0.5	4
715	Text Feature Space Optimization Using Artificial Bee Colony. Advances in Intelligent Systems and Computing, 2020, , 691-703.	0.5	5
716	TLBO Based Cluster-Head Selection for Multi-objective Optimization in Wireless Sensor Networks. Springer Tracts in Nature-inspired Computing, 2020, , 303-319.	1.2	12
717	A non-invasive test method for type-2 diabetes mellitus by pulse waveform fitting. Biomedical Signal Processing and Control, 2020, 60, 102000.	3.5	7
718	A modified ABC algorithm approach for power system harmonic estimation problems. Electric Power Systems Research, 2018, 154, 160-173.	2.1	48
719	Resource discovery for distributed computing systems: A comprehensive survey. Journal of Parallel and Distributed Computing, 2018, 113, 127-166.	2.7	25
720	An Efficient Artificial Bee Colony Algorithm With an Improved Linkage Identification Method. IEEE Transactions on Cybernetics, 2022, 52, 4400-4414.	6.2	22
721	Performance Comparison and Application of Swarm Intelligence Algorithms in Crowd Evacuation. , 2020, , .		2
722	Multilevel Minimum Cross Entropy Image Thresholding using Artificial Bee Colony Algorithm. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2013, 11, .	0.1	5
723	A New Heuristic Approach for Inverse Kinematics of Robot Arms. Advanced Science Letters, 2013, 19, 329-333.	0.2	31
724	Discrete optimization of trusses using an artificial bee colony (ABC) algorithm and the fly-back mechanism. Structural Engineering and Mechanics, 2012, 44, 501-519.	1.0	5
725	Learning from Bees: An Approach for Influence Maximization on Viral Campaigns. PLoS ONE, 2016, 11, e0168125.	1.1	36
726	Classification of Protein Structure (RMSD <= 6AËš) using Physicochemical Properties. International Journal of Bio-Science and Bio-Technology, 2015, 7, 141-150.	0.2	3
727	An Optimized Artificial Bee Colony Algorithm for Clustering. International Journal of Control and Automation, 2016, 9, 107-116.	0.3	5
728	An Improved Bees Algorithm for Real Parameter Optimization. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.5	2
729	ABC_DE_FP: A Novel Hybrid Algorithm for Complex Continuous Optimization Problems. International Journal of Bio-Inspired Computation, 2018, 1, 1.	0.6	3
730	HPA algoritması ile çok makinalı gþç sistemi kararlı kılıcısı tasarımı. Journal of the Faculty Engineering and Architecture of Gazi University, 2017, 32, 1271-1286.	of 0.3	7

#	Article	IF	CITATIONS
731	Yapay arı koloni algoritması kullanılarak betonarme istinat duvarlarının optimum maliyet tasarımınÄ etkileyen parametrelerin incelenmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 33, .	ñ 0.3	6
732	Yoking of Algorithms for Effective Clustering. Indian Journal of Science and Technology, 2015, 8, .	0.5	7
733	Enhanced ABC Based PID Controller for Nonlinear Control Systems. Indian Journal of Science and Technology, 2015, 8, 48.	0.5	11
734	Bco-based Optimized Heuristic Strategies For Qos Routing. Journal of Mathematics and Computer Science, 2012, 05, 105-114.	0.5	6
735	A topographic-awareness and situational-perception based mobility model with artificial bee colony algorithm for tactical MANET. Computer Science and Information Systems, 2013, 10, 725-746.	0.7	2
736	Artificial Bee Colony-Optimized LSTM for Bitcoin Price Prediction. Advances in Science, Technology and Engineering Systems, 2019, 4, 375-383.	0.4	8
737	Community Detection in Complex Networks Using Improved Artificial Bee Colony Algorithm., 2016,,.		2
738	Identification of linear dynamic systems using the artificial bee colony algorithm. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	0.9	12
739	A Novel Metric for Comparing the Intelligence of Two Swarm Multiagent Systems. Journal of Artificial Intelligence, 2015, 9, 39-44.	0.7	1
740	Nature-Inspired Metaheuristics for Automatic Multilevel Image Thresholding. International Journal of Applied Metaheuristic Computing, 2014, 5, 47-69.	0.5	4
741	Dynamic Swarm Artificial Bee Colony Algorithm. International Journal of Applied Evolutionary Computation, 2012, 3, 19-33.	0.7	10
742	Halton Based Initial Distribution in Artificial Bee Colony Algorithm and its Application in Software Effort Estimation. International Journal of Natural Computing Research, 2012, 3, 86-106.	0.5	2
743	Advanced Hierarchical Fuzzy Classification Model Adopting Symbiosis Based DNA-ABC Optimization Algorithm. Applied Mathematics, 2016, 07, 440-455.	0.1	3
744	An Analysis of Foraging and Echolocation Behavior of Swarm Intelligence Algorithms in Optimization: ACO, BCO and BA. International Journal of Intelligence Science, 2018, 08, 1-27.	0.6	10
745	Improved Artificial Bee Colony Algorithm for Continuous Optimization Problems. Journal of Computer and Communications, 2014, 02, 108-116.	0.6	21
746	The Analysis of Peculiar Control Parameters of Artificial Bee Colony Algorithm on the Numerical Optimization Problems. Journal of Computer and Communications, 2014, 02, 127-136.	0.6	14
747	Improvement on PSO with Dimension Update and Mutation. Journal of Software, 2013, 8, .	0.6	1
748	Data Clustering on Breast Cancer Data Using Firefly Algorithm with Golden Ratio Method. Advances in Electrical and Computer Engineering, 2015, 15, 75-84.	0.5	4

#	Article	IF	CITATIONS
749	Repeating Successful Movement Strategy for ABC Algorithm. Advances in Electrical and Computer Engineering, 2017, 17, 85-94.	0.5	1
750	Novel TPPO Based Maximum Power Point Method for Photovoltaic System. Advances in Electrical and Computer Engineering, 2017, 17, 95-100.	0.5	14
751	Efficient Parameter Extraction of Solar Cell using Modified ABC. International Journal of Computer Applications, 2014, 102, 1-6.	0.2	5
752	A Survey on Optimization Algorithms for Optimizing the Numerical Functions. International Journal of Computer Applications, 2013, 61, 41-46.	0.2	7
753	Comparison between Different Meta-Heuristic Algorithms for Path Planning in Robotics. International Journal of Computer Applications, 2016, 142, 6-10.	0.2	8
<b>7</b> 54	Impact of Modification Rate in Artificial Bee Colony for Engineering Design Problems. International Journal of Information Engineering and Electronic Business, 2013, 5, 55-63.	1.0	2
755	Handling Fuzzy Image Clustering with a Modified ABC Algorithm. International Journal of Intelligent Systems and Applications, 2012, 4, 65-74.	0.9	18
756	Solving Practical Economic Dispatch Problems Using Improved Artificial Bee Colony Method. International Journal of Intelligent Systems and Applications, 2014, 6, 36-43.	0.9	4
757	Improvised Scout Bee Movements in Artificial Bee Colony. International Journal of Modern Education and Computer Science, 2014, 6, 1-16.	2.4	3
758	Accelerated ABC (A-ABC) Algorithm for Continuous Optimization Problems. Lecture Notes on Software Engineering, 2013, , 262-266.	0.3	5
759	A precise neuro-fuzzy model enhanced by artificial bee colony techniques for assessment of rock brittleness index. Neural Computing and Applications, 2022, 34, 3263-3281.	3.2	21
760	An evolutionary adaptive neuro-fuzzy inference system for estimating field penetration index of tunnel boring machine in rock mass. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 1290-1299.	3.7	26
761	Gradyan Tabanlı Optimize Edici Algoritmasının Parametre Ayarlaması. European Journal of Science and Technology, 0, , .	0.5	0
762	Self-adaptively commensal learning-based Jaya algorithm with multi-populations and its application. Soft Computing, 2021, 25, 15163-15181.	2.1	3
763	Reconstruction, optimization, and design of heterogeneous materials and media: Basic principles, computational algorithms, and applications. Physics Reports, 2021, 939, 1-82.	10.3	39
764	Mortal Particles: Particle Swarm Optimization with Life Span. Lecture Notes in Computer Science, 2011, , 138-146.	1.0	1
765	Neighborhood Search Based Artificial Bee Colony Algorithm for Numerical Function Optimization. Lecture Notes in Computer Science, 2012, , 232-239.	1.0	1
767	A Comparison of Improved Artificial Bee Colony Algorithms Based on Differential Evolution. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2013, 11, .	0.1	О

#	Article	IF	CITATIONS
769	Improve Performance of Load Balancing using Artificial Bee Colony in Grid Computing. International Journal of Computer Applications, 2014, 86, 1-5.	0.2	1
770	Artificial Bee Colony Algorithm. , 2014, , 179-192.		9
771	O-BEE-COL: Optimal BEEs for COLoring Graphs. Lecture Notes in Computer Science, 2014, , 243-255.	1.0	3
772	Load Balancing Clustering in WSN using MABC. Research Journal of Information Technology, 2014, 6, 389-398.	0.4	1
773	An Optimized Interval Type-2 Fuzzy Logic Control Scheme based on Optimal Defuzzification. International Journal of Computer Applications, 2014, 95, 26-31.	0.2	0
774	Swarm-based Descriptor Combination and its Application for Image Classification. Electronic Letters on Computer Vision and Image Analysis, 2015, 13, .	0.5	1
775	Ship Hull Form Optimization Using Artificial Bee Colony Algorithm. , 2014, , .		0
776	Quantum-Inspired Bee Colony Algorithm. Open Journal of Optimization, 2015, 04, 51-60.	0.3	4
777	A Modified Artificial Bee Colony for Solving the Container Loading Problem. International Journal of Computer Applications, 2015, 114, 19-24.	0.2	1
778	Incremental Enhanced Artificial Bee Colony Algorithm with Local Search. International Journal of Computer Applications, 2015, 116, 32-35.	0.2	0
779	A COMPARATIVE STUDY ON THE PERCEIVED APPLICABILITY OF HONEY BEE MATING OPTIMIZATION ALGORITHM (HBMO) AND PARTICLE SWARM OPTIMIZATION (PSO) ALGORITHM BY APPLYING THREE FACTOR THEORY AMONG RESEARCHERS IN TAMIL NADU. ICTACT Journal on Soft Computing, 2015, 05, 953-964.	0.7	0
780	Parametric Optimization of Electrochemical Grinding Operation by Particle Swarm Optimization Technique. International Journal of Mechanical Engineering, 2015, 2, 1-5.	0.1	2
781	Parametric Optimization of Electrochemical Machining Process by Particle Swarm Optimization Technique. International Journal of Mechanical Engineering, 2015, 2, 6-11.	0.1	2
782	A Survey Paper on Particle Swarm Optimization based Routing Protocols in Mobile Ad-Hoc Networks. International Journal of Computer Applications, 2015, 119, 1-5.	0.2	1
783	Optimum Groove Location for Two Groove Hydrodynamic Fluid Film Bearing. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0
784	Biomimicry of Plant Root Foraging for Distributed Optimization: Models and Emergent Behaviors. Communications in Computer and Information Science, 2016, , 231-240.	0.4	0
785	Assembly Sequence Planning Based on Hybrid Artificial Bee Colony Algorithm. IFIP Advances in Information and Communication Technology, 2016, , 59-71.	0.5	3
786	GRAVITATIONAL SEARCH ALGORITHM WITH CHAOTIC MAP (GSA-CM) FOR SOLVING OPTIMIZATION PROBLEMS. International Journal of Research in Engineering and Technology, 2016, 05, 204-212.	0.1	1

#	ARTICLE	IF	CITATIONS
787	Modeling of higher order systems using artificial bee colony algorithm. International Journal of Optimization and Control: Theories and Applications, 2016, 6, 129-139.	0.8	3
788	A Modified ABC Algorithm for Solving Non-Convex Dynamic Economic Dispatch Problems. International Journal of Electrical and Computer Engineering, 2016, 6, 2621.	0.5	0
789	A Self-adaptive Artificial Bee Colony Algorithm with Incremental Population Size for Large Scale Optimization. Advances in Intelligent Systems and Computing, 2017, , 111-123.	0.5	2
790	Research on Density Peak Clustering Algorithm Based on Artificial Bee Colony Optimization. , 0, , .		0
791	An Elite Group Guided Artificial Bee Colony Algorithm with a Modified Neighborhood Search. Lecture Notes in Computer Science, 2018, , 387-394.	1.0	0
792	A Comprehensive Research on The Use Of Swarm Algorithms in The Inverse Kinematics Solution. Journal of Polytechnic, 0, , .	0.4	3
793	MODIFIKASI BARU ALGORITMA KOLONI LEBAH BUATAN UNTUK MASALAH OPTIMASI GLOBAL. Jurnal Ilmiah Matematika Dan Pendidikan Matematika, 2020, 10, 17.	0.0	0
794	An ABC Algorithm Inspired by Boolean Operators for Knapsack and Lot Sizing Problems. Academic Platform Journal of Engineering and Science, 2018, 6, 142-152.	0.5	1
798	Cost Estimation Models for the Reinforced Concrete Retaining Walls. Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 2020, 7, 9-26.	0.1	2
799	Jaya ve Öğretme-Öğrenme Tabanlı Optimizasyon Algoritmalarını Kullanarak Meteorolojik Faktörler ve Çeşitli Hava Kirleticileri ile Ozon Etkileşimlerinin Modellenmesi. Dþzce Üniversitesi Bilim Ve Teknoloji Dergisi, 2020, 8, 2041-2050.	0.2	1
800	Improving artificial bee colony algorithm using modified nearest neighbor sequence. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 8807-8824.	2.7	4
801	Design of <i>p</i> â€norm linear phase FIR differentiators using adaptive modification rate artificial bee colony algorithm. IET Signal Processing, 2020, 14, 803-811.	0.9	3
802	Increasing the Effects of Auxiliary Function by Multiple Extrema in Global Optimization. Advances in Dynamics, Patterns, Cognition, 2020, , 125-143.	0.2	0
803	Artificial Bee Colony Algorithm and an Application to Software Defect Prediction. Modeling and Optimization in Science and Technologies, 2020, , 73-92.	0.7	1
804	A PSO-Based Approach for Improvement in AODV Routing for Ad Hoc Networks. Advances in Intelligent Systems and Computing, 2020, , 379-389.	0.5	0
805	BETONARME KISA KONSOLLARIN TS 500'E GÖRE OPTİMUM TASARIMINDA ABC, TLBO VE TLABC ALGORİTMALARININ BAŞARIMI. Uludağ University Journal of the Faculty of Engineering, 0, , 361-378.	0.2	O
806	Adapted Search Equations of Artificial Bee Colony Applied to Feature Selection. Lecture Notes in Electrical Engineering, 2021, , 109-121.	0.3	0
809	Light Source Layout Optimization Strategy Based on Improved Artificial Bee Colony Algorithm. Mathematical Problems in Engineering, 2021, 2021, 1-17.	0.6	1

#	Article	IF	CITATIONS
810	Advanced discrete firefly algorithm with adaptive mutationâ€based neighborhood search for scheduling unrelated parallel machines with sequenceâ€dependent setup times. International Journal of Intelligent Systems, 2022, 37, 4612-4653.	3.3	7
811	Directed Artificial Bee Colony algorithm with revamped search strategy to solve global numerical optimization problems. Automated Software Engineering, 2022, 29, 1.	2.2	21
812	Artificial bee colony based on adaptive search strategy and random grouping mechanism. Expert Systems With Applications, 2022, 192, 116332.	4.4	24
813	Improved Design of IIR filter using Salp Swarm Algorithm. , 2020, , .		0
814	Artificial Bee Colony for Affine and Perspective Template Matching. IEEJ Transactions on Electrical and Electronic Engineering, 0, , .	0.8	3
815	A new multi-population artificial bee algorithm based on global and local optima for numerical optimization. Cluster Computing, 2022, 25, 2037-2059.	3.5	5
816	Establishing Coupled Models for Estimating Daily Dew Point Temperature Using Nature-Inspired Optimization Algorithms. Hydrology, 2022, 9, 9.	1.3	11
817	Optimum Mobile Robot Path Planning Using Improved Artificial Bee Colony Algorithm and Evolutionary Programming. Arabian Journal for Science and Engineering, 2022, 47, 3519-3539.	1.7	21
818	Parameters Optimization of Taguchi Method Integrated Hybrid Harmony Search Algorithm for Engineering Design Problems. Mathematics, 2022, 10, 327.	1.1	14
819	Artificial bee colony algorithm with efficient search strategy based on random neighborhood structure. Knowledge-Based Systems, 2022, 241, 108306.	4.0	21
820	Artificial bee colony algorithm with an adaptive search manner and dimension perturbation. Neural Computing and Applications, 2022, 34, 16239-16253.	3.2	11
821	Multi-Objective Task Scheduling Optimization for Load Balancing in Cloud Computing Environment Using Hybrid Artificial Bee Colony Algorithm With Reinforcement Learning. IEEE Access, 2022, 10, 17803-17818.	2.6	44
822	Benchmark Fonksiyonları için Golden Eagle Optimizer Algoritmasının Parametrelerini Optimize Etme. Osmaniye Korkut Ata Üniversitesi Fen Bilimleri EnstitüsÁ¼ Dergisi, 0, , .	0.2	0
823	Evaluation of several initialization methods on arithmetic optimization algorithm performance. Journal of Intelligent Systems, 2021, 31, 70-94.	1.2	11
824	Adaptive Hybrid Optimization Based Virtual Machine Placement in Cloud Computing., 2022,,.		3
825	A Modified Artificial Bee Colony Algorithm Based on a Non-Dominated Sorting Genetic Approach for Combined Economic-Emission Load Dispatch Problem. SSRN Electronic Journal, 0, , .	0.4	0
827	Solving Satellite Range Scheduling Problem with Learning-Based Artificial Bee Colony Algorithm. Communications in Computer and Information Science, 2022, , 43-57.	0.4	1
828	Modifications for the Differential Evolution Algorithm. Symmetry, 2022, 14, 447.	1.1	5

#	Article	IF	CITATIONS
829	A novel enhanced cuckoo search algorithm for global optimization. Journal of Intelligent and Fuzzy Systems, 2022, 43, 2945-2962.	0.8	1
830	Dynamic Self-Learning Artificial Bee Colony Optimization Algorithm for Flexible Job-Shop Scheduling Problem with Job Insertion. Processes, 2022, 10, 571.	1.3	9
831	Unsupervised modelling of rice aroma change during ageing based on electronic nose coupled with bio-inspired algorithms. Biosystems Engineering, 2022, 216, 132-146.	1.9	9
832	Self-organizing migrating algorithm: review, improvements and comparison. Artificial Intelligence Review, 2023, 56, 101-172.	9.7	5
833	Ensembles strategies for backtracking search algorithm with application to engineering design optimization problems. Applied Soft Computing Journal, 2022, 121, 108717.	4.1	2
834	Poplar optimization algorithm: A new meta-heuristic optimization technique for numerical optimization and image segmentation. Expert Systems With Applications, 2022, 200, 117118.	4.4	24
835	Improved Artificial Bee Colony Algorithm with Adaptive Parameter for Numerical Optimization. Applied Artificial Intelligence, 2022, 36, .	2.0	4
837	An integrated framework of data-driven, metaheuristic, and mechanistic modeling approach for biomass pyrolysis. Chemical Engineering Research and Design, 2022, 162, 337-345.	2.7	20
839	Email Filtering Using Hybrid Feature Selection Model. CMES - Computer Modeling in Engineering and Sciences, 2022, 132, 435-450.	0.8	1
840	An improved artificial bee colony algorithm based on Bayesian estimation. Complex & Intelligent Systems, 2022, 8, 4971-4991.	4.0	13
841	A Hybrid TOPSIS-PR-GWO Approach for Multi-objective Process Parameter Optimization. Process Integration and Optimization for Sustainability, 2022, 6, 1011-1026.	1.4	18
842	Modified Artificial Bee Colony Algorithm-Based Strategy for Brain Tumor Segmentation. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.1	5
843	A reinforcement learning based artificial bee colony algorithm with application in robot path planning. Expert Systems With Applications, 2022, 203, 117389.	4.4	21
844	Optimal scheduling for palletizing task using robotic arm and artificial bee colony algorithm. Engineering Applications of Artificial Intelligence, 2022, 113, 104976.	4.3	17
845	An Effective Metaheuristic for Partial Offloading and Resource Allocation in Multi-Device Mobile Edge Computing. , $2021$ , , .		1
846	$G\tilde{A}^{1}/4$ r $\tilde{A}^{1}/4$ lt $\tilde{A}^{1}/4$ minimizasyonu i $\tilde{A}$ sin kafes tabanl $\tilde{A}$ ± yeni bir yapay ar $\tilde{A}$ ± kolonisi algoritmas $\tilde{A}$ ±. Journal of the Faculton of Engineering and Architecture of Gazi University, 2022, 38, 15-28.	$ty_{0.3}$	3
847	Combined Economic Emission Dispatch with and without Consideration of PV and Wind Energy by Using Various Optimization Techniques: A Review. Energies, 2022, 15, 4472.	1.6	9
848	Solving a new variant of the capacitated maximal covering location problem with fuzzy coverage area using metaheuristic approaches. Computers and Industrial Engineering, 2022, 170, 108315.	3.4	9

#	ARTICLE	IF	CITATIONS
849	Optimization Algorithms Surpassing Metaphor. Studies in Computational Intelligence, 2022, , 3-33.	0.7	1
850	Edge detection of aerial images using artificial bee colony algorithm. MANAS: Journal of Engineering, 0, , 73-80.	0.4	0
851	An adaptive neighborhood-based search enhanced artificial ecosystem optimizer for UCAV path planning. Expert Systems With Applications, 2022, 208, 118047.	4.4	8
852	Optimizing Extreme Learning Machine by Animal Migration Optimization. , 2022, , .		О
853	Optimal Scheduling of Grid Connected Solar Photovoltaic and Battery Storage System Considering Degradation Cost of Battery. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2022, 46, 1175-1188.	1.5	4
854	A new modified artificial bee colony algorithm for energy demand forecasting problem. Neural Computing and Applications, 2022, 34, 17455-17471.	3.2	8
855	A review on the studies employing artificial bee colony algorithm to solve combinatorial optimization problems. Engineering Applications of Artificial Intelligence, 2022, 115, 105311.	4.3	36
856	Classification of Brain Volumetric Data to Determine Alzheimer's Disease Using Artificial Bee Colony Algorithm as Feature Selector. IEEE Access, 2022, 10, 82989-83001.	2.6	7
857	General parameter control framework for evolutionary computation. International Journal of Intelligent Systems, 2022, 37, 11432-11464.	3.3	2
858	Artificial Bee Colony andÂGenetic Algorithms forÂParameters Estimation ofÂWeibull Distribution. Studies in Computational Intelligence, 2023, , 309-325.	0.7	0
859	Many-Objective Artificial Bee Colony Algorithm Based onÂDecomposition andÂDimension Learning. Communications in Computer and Information Science, 2022, , 150-161.	0.4	1
860	A Dominance-Based Many-Objective Artificial Bee Colony Algorithm. Communications in Computer and Information Science, 2022, , 197-209.	0.4	O
861	Evolutionary Computations Based on an Artificial Bee Colony for the Analysis of Interval Data in the Problem of Air Pollution by Nitrogen Dioxide. , 2022, , .		0
862	Gazelle optimization algorithm: a novel nature-inspired metaheuristic optimizer. Neural Computing and Applications, 2023, 35, 4099-4131.	3.2	97
863	Fractional-order artificial bee colony algorithm with application in robot path planning. European Journal of Operational Research, 2023, 306, 47-64.	3.5	12
864	A multi-stage diagnosis method using CEEMD, ABC, and ANN for identifying compound gear-bearing faults. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2023, 237, 2030-2045.	1.1	2
865	A novel high-level target navigation pigeon-inspired optimization for global optimization problems. Applied Intelligence, 2023, 53, 14918-14960.	3.3	2
866	Improved LSSVM to Predict the Elongation of Strip Steel in Annealing Furnace. , 2022, , .		O

#	Article	IF	CITATIONS
867	Propagation Model Optimization Based on Ion Motion Optimization Algorithm for Efficient Deployment of eLTE Network. Journal of Computer and Communications, 2022, 10, 171-196.	0.6	3
868	A comprehensive and comparative review on parameter estimation methods for modelling proton exchange membrane fuel cell. Fuel, 2023, 335, 127080.	3.4	23
869	Resiliency and reliability of the power grid in the time of COVID-19: An integrated ABC-K-means model for optimal positioning of repair crew. Electric Power Systems Research, 2023, 216, 109022.	2.1	0
870	Improved team learning-based grey wolf optimizer for optimization tasks and engineering problems. Journal of Supercomputing, 2023, 79, 10864-10914.	2.4	1
871	Fuzzy Clustering Algorithm Based on Improved Global Best-Guided Artificial Bee Colony with New Search Probability Model for Image Segmentation. Sensors, 2022, 22, 8956.	2.1	3
872	Meta-Extreme Learning Machine for Short-Term Traffic Flow Forecasting. Applied Sciences (Switzerland), 2022, 12, 12670.	1.3	3
873	A novel hybrid framework for single and multi-robot path planning in a complex industrial environment. Journal of Intelligent Manufacturing, 2024, 35, 587-612.	4.4	1
874	Gamma Dağılımının Parametrelerinin Tahmini için Metasezgisel Yöntemlerin Değerlendirilmesi ve Karşılaştırılması. Nicel Bilimler Dergisi, 2022, 4, 96-119.	0.8	1
875	An economic/emission dispatch based on a new multi-objective artificial bee colony optimization algorithm and NSGA-II. Evolutionary Intelligence, 0, , .	2.3	0
876	Interval nonlinear model of information signal amplitude distribution in the task of detection and localization of the recurrent laryngeal nerve during surgical operations. Optoelectronic Information-Power Technologies, 2022, 43, 65-75.	0.0	1
877	Parameters Setting of Firefly Algorithm. Lecture Notes in Electrical Engineering, 2023, , 6921-6933.	0.3	0
878	Modeling Based on the Analysis of Interval Data of Atmospheric Air Pollution Processes with Nitrogen Dioxide due to the Spread of Vehicle Exhaust Gases. Sustainability, 2023, 15, 2163.	1.6	10
879	A multi-agent reinforcement learning driven artificial bee colony algorithm with the central controller. Expert Systems With Applications, 2023, 219, 119672.	4.4	7
880	The Performance of Electronic Current Transformer Fault Diagnosis Model: Using an Improved Whale Optimization Algorithm and RBF Neural Network. Electronics (Switzerland), 2023, 12, 1066.	1.8	11
881	Dynamic energy-efficient scheduling of multi-variety and small batch flexible job-shop: A case study for the aerospace industry. Computers and Industrial Engineering, 2023, 178, 109111.	3.4	15
882	Parameter control for differential evolution by storage of successful values at an individual level. Journal of Computational Science, 2023, 68, 101985.	1.5	2
883	An Improved ABC Algorithm and Its Application on Parameter Identification of Solar Cell Model. , 2022, , .		1
884	A novel preferenceâ€based artificialâ€beeâ€colony algorithm approach to the land reallocation optimization problem in a land consolidation case study: DOT village in Turkey. Expert Systems, 0, , .	2.9	0

#	Article	IF	CITATIONS
885	An exploratory landscape analysis driven artificial bee colony algorithm with maximum entropic epistasis. Applied Soft Computing Journal, 2023, 137, 110139.	4.1	3
886	COST 231-Hata Propagation Model Optimization in 1800 MHz Band Based on Magnetic Optimization Algorithm: Application to the City of Limbé. Journal of Computer and Communications, 2023, 11, 57-74.	0.6	2
887	The ride-hailing sharing problem with parcel transportation. Transportation Research, Part E: Logistics and Transportation Review, 2023, 172, 103073.	3.7	5
888	Fiber Wireless (FiWi) Access Network Planning & Deployment using Reptile Search Algorithm. International Journal of Sensors, Wireless Communications and Control, 2023, 13, .	0.5	0
889	Predicting the consumed heating energy at residential buildings using a combination of categorical boosting (CatBoost) and Meta heuristics algorithms. Journal of Building Engineering, 2023, 71, 106584.	1.6	0
890	Ground threat prediction-based path planning of unmanned autonomous helicopter using hybrid enhanced artificial bee colony algorithm. Defence Technology, 2024, 32, 1-22.	2.1	2
891	A Hybrid Discrete Artificial Bee Colony Algorithm for Imaging Satellite Mission Planning. IEEE Access, 2023, 11, 40006-40017.	2.6	1
892	An Adaptive ABC Variant For Numerical Optimization. , 2023, , .		0
895	A Great Learning Stratagem through Artificial Bee Colony Technique for Grouping. , 2023, , .		0
897	Optimal Power Flow by Different Modern Optimization Techniques. Lecture Notes in Electrical Engineering, 2023, , 343-361.	0.3	0
898	Modeling Civil Engineering Problems via Hybrid Versions of Machine Learning and Metaheuristic Optimization Algorithms. Studies in Systems, Decision and Control, 2023, , 199-233.	0.8	0
908	Reconfiguration of Thermoelectric Generation Systems based on Artificial Bee Colony Algorithm. , 2023, , .		0
911	Indicators Directed Multi-strategy Artificial Bee Colony Algorithm. Communications in Computer and Information Science, 2023, , 273-285.	0.4	0
913	DVL Modeling Using a RVM based on Artificial Bee Colony Algorithm in SINS/DVL. , 2023, , .		0
918	Different types of optimization techniques compatible with fuel cell vehicles – A review. AIP Conference Proceedings, 2023, , .	0.3	0
922	Regression Test Case Optimization Using Jaccard Similarity Mapping of Control Flow Graph. Lecture Notes in Networks and Systems, 2023, , 545-558.	0.5	0
926	Combining Meta-heuristics and K-Means++ for Solving Unmanned Surface Vessels Task Assignment and Path Planning Problems. , 2023, , .		0
930	Hybrid Search Algorithm of ABC and DE Based on Improved Rate. , 2023, , .		0

#	Article	IF	CITATIONS
932	Fruit Fly Optimization with Hybrid Deep Learning Based Sentiment Analysis During COVID-19 Pandemic. , 2023, , .		0
936	Variants of the Genetic Algorithm on Load Frequency Control Application. , 2024, , 1-25.		0
940	A Machine Learning-Based Framework for Oral Cancer Classification Using Ant Bee Colony Optimization with Support Vector Machine Classifier. , 2023, , .		0
941	Feature Selection Using Artificial Bee Colony and Discernibility Matrix in Rough Set Theory—A Hybrid Approach. Lecture Notes in Networks and Systems, 2024, , 105-112.	0.5	0
942	Application of a TID Controller for Assessing Frequency Stability in a Thermal Power System With Renewable Energy Sources. Advances in Civil and Industrial Engineering Book Series, 2024, , 158-178.	0.2	0
945	Employing artificial bee colony algorithm to optimize the artificial neural network in heart disease prediction. AIP Conference Proceedings, 2024, , .	0.3	0