Ben Niu

List of Publications by Year
in descending order

98 papers	1,707 citations	394421 19 h-index	345221 36 g-index
107 all docs	107 docs citations	107 times ranked	1460 citing authors

#	Article	IF	Citations
1	Aviation maintenance technician scheduling with personnel satisfaction based on interactive multiâ€swarm bacterial foraging optimization. International Journal of Intelligent Systems, 2022, 37, 723-747.	5.7	6
2	Predictors of waste sorting and recycling behavioural intention among youths: Evidence from Shenzhen, China and Turku, Finland. Waste Management and Research, 2022, 40, 721-735.	3.9	10
3	Evolutionary stateâ€based novel multiâ€objective periodic bacterial foraging optimization algorithm for data clustering. Expert Systems, 2022, 39, e12812.	4.5	8
4	Multicriteria recommendation based on bacterial foraging optimization. International Journal of Intelligent Systems, 2022, 37, 1618-1645.	5.7	3
5	Quantization level based event-triggered control with measurement uncertainties. Information Sciences, 2022, 588, 442-456.	6.9	8
6	An adaptive hydrologic cycle optimization algorithm for numerical optimization and data clustering. International Journal of Intelligent Systems, 2022, 37, 6123-6151.	5.7	2
7	Cooperator or supporter: how can cross-boundary Macauâ€"Zhuhai metropolis promote regional tourism together?. Asia Pacific Journal of Marketing and Logistics, 2022, 34, 2207-2236.	3.2	7
8	Configurational paths to medical crowdfunding success and failure based on a crisp-set qualitative comparative analysis. Industrial Management and Data Systems, 2022, 122, 1306-1332.	3.7	1
9	A variable weightâ€based hybrid approach for multiâ€attribute group decision making under intervalâ€valued intuitionistic fuzzy sets. International Journal of Intelligent Systems, 2021, 36, 1015-1052.	5.7	104
10	A multi-objective feature selection method based on bacterial foraging optimization. Natural Computing, 2021, 20, 63-76.	3.0	16
11	Multi-objective bacterial colony optimization algorithm for integrated container terminal scheduling problem. Natural Computing, 2021, 20, 89-104.	3.0	22
12	Bacterial Foraging Optimization with Leader Selection Strategy for Bi-objective Optimization. Lecture Notes in Computer Science, 2021, , 523-533.	1.3	0
13	Predicting Fundraising Performance in Medical Crowdfunding Campaigns Using Machine Learning. Electronics (Switzerland), 2021, 10, 143.	3.1	9
14	Hydrological cycling optimizationâ€based multiobjective featureâ€selection method for customer segmentation. International Journal of Intelligent Systems, 2021, 36, 2347-2366.	5.7	18
15	Simplified bacterial foraging optimization with quorum sensing for global optimization. International Journal of Intelligent Systems, 2021, 36, 2639-2679.	5.7	8
16	Agent-based analysis of contagion events according to sourcing locations. Scientific Reports, 2021, 11, 16032.	3.3	2
17	Identifying Communication Topologies on Twitter. Electronics (Switzerland), 2021, 10, 2151.	3.1	1
18	A survey of bacterial foraging optimization. Neurocomputing, 2021, 452, 728-746.	5.9	34

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19	Bacterial colony algorithm with adaptive attribute learning strategy for feature selection in classification of customers for personalized recommendation. Neurocomputing, 2021, 452, 747-755.	5.9	9
20	Ensemble particle swarm optimization and differential evolution with alternative mutation method. Natural Computing, 2020, 19, 699-712.	3.0	14
21	Learning–interaction–diversification framework for swarm intelligence optimizers: a unified perspective. Neural Computing and Applications, 2020, 32, 1789-1809.	5.6	26
22	Exploiting skew-adaptive delimitation mechanism for learning expressive classification rules. Applied Intelligence, 2020, 50, 746-758.	5.3	1
23	Improved similarity coefficient and clustering algorithm for cell formation in cellular manufacturing systems. Engineering Optimization, 2020, 52, 1923-1939.	2.6	8
24	Simplified Bacterial Foraging optimization Based on Reverse Chemotaxis Strategy. , 2020, , .		3
25	Exploring the Novel Input Attributes Affecting eWOM. Frontiers in Psychology, 2020, 11, 2017.	2.1	5
26	Identifying expertise through semantic modeling: A modified BBPSO algorithm for the reviewer assignment problem. Applied Soft Computing Journal, 2020, 94, 106483.	7.2	6
27	Smart control of the assembly process with a fuzzy control system in the context of Industry 4.0. Advanced Engineering Informatics, 2020, 43, 101031.	8.0	24
28	Bacterial Foraging Optimization Based on Multi-colony Cooperation Strategy. , 2020, , .		1
29	A Novel Hybrid Bacterial Foraging Optimization Algorithm Based on Reinforcement Learning. Lecture Notes in Computer Science, 2020, , 567-578.	1.3	1
30	Multi-criteria Recommender Systems Based on Multi-objective Hydrologic Cycle Optimization. Lecture Notes in Computer Science, 2019, , 92-102.	1.3	3
31	The Impact of Knowledge Sharing and Innovation upon Sustainable Performance in Islamic Banks: A Mediation Analysis through an SEM Approach. Sustainability, 2019, 11, 4049.	3.2	76
32	Nurse scheduling problem based on hydrologic cycle optimization. , 2019, , .		6
33	A three-level particle swarm optimization with variable neighbourhood search algorithm for the production scheduling problem with mould maintenance. Swarm and Evolutionary Computation, 2019, 50, 100572.	8.1	14
34	Cooperative bacterial foraging optimization method for multi-objective multi-echelon supply chain optimization problem. Swarm and Evolutionary Computation, 2019, 49, 87-101.	8.1	20
35	A multi-objective pigeon inspired optimization algorithm for fuzzy production scheduling problem considering mould maintenance. Science China Information Sciences, 2019, 62, 1.	4.3	11
36	Feature selection for classification of microarray gene expression cancers using Bacterial Colony Optimization with multi-dimensional population. Swarm and Evolutionary Computation, 2019, 48, 172-181.	8.1	46

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37	Multi-swarm cooperative multi-objective bacterial foraging optimisation. International Journal of Bio-Inspired Computation, 2019, 13, 21.	0.9	9
38	Consumers'€™ Motivational Involvement in eWOM for Information Adoption: The Mediating Role of Organizational Motives. Frontiers in Psychology, 2019, 10, 3055.	2.1	29
39	A model with a solution algorithm for the operational aircraft maintenance routing problem. Computers and Industrial Engineering, 2018, 120, 346-359.	6.3	20
40	Aircraft parking stand allocation problem with safety consideration for independent hangar maintenance service providers. Computers and Operations Research, 2018, 91, 225-236.	4.0	32
41	Coevolutionary Structure-Redesigned-Based Bacterial Foraging Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1865-1876.	3.0	13
42	Aggregation of Heterogeneously Related Information with Extended Geometric Bonferroni Mean and Its Application in Group Decision Making. International Journal of Intelligent Systems, 2018, 33, 487-513.	5.7	6
43	Understanding the effect of cloud computing on organizational agility: An empirical examination. International Journal of Information Management, 2018, 43, 98-111.	17.5	73
44	Hydrologic Cycle Optimization Part II: Experiments and Real-World Application. Lecture Notes in Computer Science, 2018, , 350-358.	1.3	6
45	Iteration-Related Various Learning Particle Swarm Optimization for Quay Crane Scheduling Problem. Communications in Computer and Information Science, 2018, , 201-212.	0.5	0
46	Feature Subset Selection Using a Self-adaptive Strategy Based Differential Evolution Method. Lecture Notes in Computer Science, 2018, , 223-232.	1.3	1
47	Guided chemotaxis-based bacterial colony algorithm for three-echelon supply chain optimisation. International Journal of Computer Integrated Manufacturing, 2017, 30, 305-319.	4.6	5
48	Symbiosis-Based Alternative Learning Multi-Swarm Particle Swarm Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 4-14.	3.0	19
49	A population-based clustering technique using particle swarm optimization and k-means. Natural Computing, 2017, 16, 45-59.	3.0	17
50	A discrete bacterial algorithm for feature selection in classification of microarray gene expression cancer data. Knowledge-Based Systems, 2017, 126, 8-19.	7.1	81
51	A novel bacterial algorithm with randomness control for feature selection in classification. Neurocomputing, 2017, 228, 176-186.	5.9	30
52	A multi-objective optimization method based on discrete bacterial algorithm for environmental/economic power dispatch. Natural Computing, 2017, 16, 549-565.	3.0	18
53	Heuristic approaches for operational aircraft maintenance routing problem with maximum flying hours and man-power availability considerations. Industrial Management and Data Systems, 2017, 117, 2142-2170.	3.7	19
54	A novel friend recommendation service based on interaction information mining. , 2017, , .		1

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55	Research on the factors affecting users' reposts in microblog. , 2017, , .		1
56	Multi-objective Comprehensive Learning Bacterial Foraging Optimization for Portfolio Problem. Lecture Notes in Computer Science, 2017, , 69-76.	1.3	3
57	Bacterial-inspired feature selection algorithm and its application in fault diagnosis of complex structures. , 2016, , .		3
58	An superior tracking artificial bee colony for global optimization problems. , 2016, , .		7
59	Improving generalisation of genetic programming for high-dimensional symbolic regression with feature selection. , 2016, , .		20
60	Strategies for evaluating performance of flexibility in product recovery system. International Journal of Production Research, 2016, 54, 2895-2906.	7.5	7
61	A Cooperative Structure-Redesigned-Based Bacterial Foraging Optimization with Guided and Stochastic Movements. Lecture Notes in Computer Science, 2016, , 918-927.	1.3	3
62	A hybrid approach to artificial bee colony algorithm. Neural Computing and Applications, 2016, 27, 387-409.	5.6	27
63	Neighborhood Learning Bacterial Foraging Optimization for Solving Multi-objective Problems. Lecture Notes in Computer Science, 2016, , 433-440.	1.3	1
64	Minimization of Delay and Travel Time of Yard Trucks in Container Terminals Using an Improved GA with Guidance Search. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	4
65	Emergency Vehicle Scheduling Problem with Time Utility in Disasters. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	2
66	Improved Bacterial Foraging Optimization Algorithm with Information Communication Mechanism for Nurse Scheduling. Lecture Notes in Computer Science, 2015, , 701-707.	1.3	5
67	SRBFOs for Solving the Heterogeneous Fixed Fleet Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 725-732.	1.3	4
68	Bacterial-inspired algorithms for solving constrained optimization problems. Neurocomputing, 2015, 148, 54-62.	5.9	24
69	Multiobjective RFID Network Optimization Using Multiobjective Evolutionary and Swarm Intelligence Approaches. Mathematical Problems in Engineering, 2014, 2014, 1-13.	1.1	17
70	Improved Bacterial Foraging Optimization Algorithm with Information Communication Mechanism. , 2014, , .		9
71	Bacterial Colony Optimization for Integrated Yard Truck Scheduling and Storage Allocation Problem. Lecture Notes in Computer Science, 2014, , 431-437.	1.3	11
72	Particle Swarm Optimizations for Multi-type Vehicle Routing Problem with Time Windows. Lecture Notes in Computer Science, 2014, , 808-815.	1.3	3

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73	Biomimicry of quorum sensing using bacterial lifecycle model. BMC Bioinformatics, 2013, 14, S8.	2.6	11
74	Multi-objective bacterial foraging optimization. Neurocomputing, 2013, 116, 336-345.	5.9	81
75	BFO with Information Communicational System Based on Different Topologies Structure. Lecture Notes in Computer Science, 2013, , 633-640.	1.3	9
76	Hybrid Bacterial Foraging Algorithm for Data Clustering. Lecture Notes in Computer Science, 2013, , 577-584.	1.3	5
77	Vehicle Routing Problem with Time Windows and Simultaneous Delivery and Pick-Up Service Based on MCPSO. Mathematical Problems in Engineering, 2012, 2012, 1-11.	1.1	15
78	A Novel PSO Model Based on Simulating Human Social Communication Behavior. Discrete Dynamics in Nature and Society, 2012, 2012, 1-21.	0.9	9
79	An Adaptive Bacterial Foraging Optimization Algorithm with Lifecycle and Social Learning. Discrete Dynamics in Nature and Society, 2012, 2012, 1-20.	0.9	23
80	Bacterial Colony Optimization. Discrete Dynamics in Nature and Society, 2012, 2012, 1-28.	0.9	89
81	Control parameters self-adaptation in differential evolution based on intrisic structure information. , 2012, , .		1
82	An improved differential evolution for constrained optimization with dynamic constraint-handling mechanism. , 2012, , .		2
83	Bacterial foraging based approaches to portfolio optimization with liquidity risk. Neurocomputing, 2012, 98, 90-100.	5.9	55
84	Improved BFO with Adaptive Chemotaxis Step for Global Optimization. , 2011, , .		16
85	A Regularization Framework for Feature Selection. , 2011, , .		0
86	Constrained portfolio selection using multiple swarms. , 2010, , .		1
87	A Novel Bacterial Foraging Optimizer with Linear Decreasing Chemotaxis Step. , 2010, , .		17
88	The Packet Delay Characteristics Analysis of Two-Tier Polling System. , 2010, , .		0
89	The novel non-linear strategy of inertia weight in particle swarm optimization. , 2009, , .		6
90	A Novel Data Mining Model Based on SOAP in e-Commerce. , 2009, , .		1

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91	RFID Network Planning Based on MCPSO Alogorithm. , 2009, , .		5
92	An Improved MCPSO with Center Communication. , 2008, , .		5
93	Designing Artificial Neural Networks Using MCPSO and BPSO. , 2008, , .		1
94	A Hybrid Evolutionary System for Designing Artifical Neural Networks. , 2008, , .		0
95	Design of RFID Base-Band Transmission Model and IP Core. , 2008, , .		0
96	MCPSO: A multi-swarm cooperative particle swarm optimizer. Applied Mathematics and Computation, 2007, 185, 1050-1062.	2.2	241
97	Policy manifold generation for multi-task multi-objective optimization of energy flexible machining systems. IISE Transactions, 0, , 1-16.	2.4	3
98	Similarity coefficient-based cell formation method considering operation sequence with repeated operations. Engineering Optimization, 0, , 1-15.	2.6	3