

Ben Niu

List of Publications by Year in descending order

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98
papers

1,707
citations

393982

19
h-index

344852

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 multi-swarm bacterial foraging optimization. <i>International Journal of Intelligent Systems</i> , 2022, 37, 723-747.	3.3	6
2	Predictors of waste sorting and recycling behavioural intention among youths: Evidence from Shenzhen, China and Turku, Finland. <i>Waste Management and Research</i> , 2022, 40, 721-735.	2.2	10
3	Evolutionary state-based novel multi-objective periodic bacterial foraging optimization algorithm for data clustering. <i>Expert Systems</i> , 2022, 39, e12812.	2.9	8
4	Multicriteria recommendation based on bacterial foraging optimization. <i>International Journal of Intelligent Systems</i> , 2022, 37, 1618-1645.	3.3	3
5	Quantization level based event-triggered control with measurement uncertainties. <i>Information Sciences</i> , 2022, 588, 442-456.	4.0	8
6	An adaptive hydrologic cycle optimization algorithm for numerical optimization and data clustering. <i>International Journal of Intelligent Systems</i> , 2022, 37, 6123-6151.	3.3	2
7	Cooperator or supporter: how can cross-boundary Macau-Zhuhai metropolis promote regional tourism together?. <i>Asia Pacific Journal of Marketing and Logistics</i> , 2022, 34, 2207-2236.	1.8	7
8	Configurational paths to medical crowdfunding success and failure based on a crisp-set qualitative comparative analysis. <i>Industrial Management and Data Systems</i> , 2022, 122, 1306-1332.	2.2	1
9	A variable weight-based hybrid approach for multi-attribute group decision making under interval-valued intuitionistic fuzzy sets. <i>International Journal of Intelligent Systems</i> , 2021, 36, 1015-1052.	3.3	104
10	A multi-objective feature selection method based on bacterial foraging optimization. <i>Natural Computing</i> , 2021, 20, 63-76.	1.8	16
11	Multi-objective bacterial colony optimization algorithm for integrated container terminal scheduling problem. <i>Natural Computing</i> , 2021, 20, 89-104.	1.8	22
12	Bacterial Foraging Optimization with Leader Selection Strategy for Bi-objective Optimization. <i>Lecture Notes in Computer Science</i> , 2021, , 523-533.	1.0	0
13	Predicting Fundraising Performance in Medical Crowdfunding Campaigns Using Machine Learning. <i>Electronics (Switzerland)</i> , 2021, 10, 143.	1.8	9
14	Hydrological cycling optimization-based multiobjective feature selection method for customer segmentation. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2347-2366.	3.3	18
15	Simplified bacterial foraging optimization with quorum sensing for global optimization. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2639-2679.	3.3	8
16	Agent-based analysis of contagion events according to sourcing locations. <i>Scientific Reports</i> , 2021, 11, 16032.	1.6	2
17	Identifying Communication Topologies on Twitter. <i>Electronics (Switzerland)</i> , 2021, 10, 2151.	1.8	1
18	A survey of bacterial foraging optimization. <i>Neurocomputing</i> , 2021, 452, 728-746.	3.5	34

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19	Bacterial colony algorithm with adaptive attribute learning strategy for feature selection in classification of customers for personalized recommendation. <i>Neurocomputing</i> , 2021, 452, 747-755.	3.5	9
20	Ensemble particle swarm optimization and differential evolution with alternative mutation method. <i>Natural Computing</i> , 2020, 19, 699-712.	1.8	14
21	Learning“interaction”diversification framework for swarm intelligence optimizers: a unified perspective. <i>Neural Computing and Applications</i> , 2020, 32, 1789-1809.	3.2	26
22	Exploiting skew-adaptive delimitation mechanism for learning expressive classification rules. <i>Applied Intelligence</i> , 2020, 50, 746-758.	3.3	1
23	Improved similarity coefficient and clustering algorithm for cell formation in cellular manufacturing systems. <i>Engineering Optimization</i> , 2020, 52, 1923-1939.	1.5	8
24	Simplified Bacterial Foraging optimization Based on Reverse Chemotaxis Strategy. , 2020, , .		3
25	Exploring the Novel Input Attributes Affecting eWOM. <i>Frontiers in Psychology</i> , 2020, 11, 2017.	1.1	5
26	Identifying expertise through semantic modeling: A modified BBPSO algorithm for the reviewer assignment problem. <i>Applied Soft Computing Journal</i> , 2020, 94, 106483.	4.1	6
27	Smart control of the assembly process with a fuzzy control system in the context of Industry 4.0. <i>Advanced Engineering Informatics</i> , 2020, 43, 101031.	4.0	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. <i>Lecture Notes in Computer Science</i> , 2020, , 567-578.	1.0	1
30	Multi-criteria Recommender Systems Based on Multi-objective Hydrologic Cycle Optimization. <i>Lecture Notes in Computer Science</i> , 2019, , 92-102.	1.0	3
31	The Impact of Knowledge Sharing and Innovation upon Sustainable Performance in Islamic Banks: A Mediation Analysis through an SEM Approach. <i>Sustainability</i> , 2019, 11, 4049.	1.6	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. <i>Swarm and Evolutionary Computation</i> , 2019, 50, 100572.	4.5	14
34	Cooperative bacterial foraging optimization method for multi-objective multi-echelon supply chain optimization problem. <i>Swarm and Evolutionary Computation</i> , 2019, 49, 87-101.	4.5	20
35	A multi-objective pigeon inspired optimization algorithm for fuzzy production scheduling problem considering mould maintenance. <i>Science China Information Sciences</i> , 2019, 62, 1.	2.7	11
36	Feature selection for classification of microarray gene expression cancers using Bacterial Colony Optimization with multi-dimensional population. <i>Swarm and Evolutionary Computation</i> , 2019, 48, 172-181.	4.5	46

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37	Multi-swarm cooperative multi-objective bacterial foraging optimisation. International Journal of Bio-Inspired Computation, 2019, 13, 21.	0.6	9
38	Consumersâ€™ Motivational Involvement in eWOM for Information Adoption: The Mediating Role of Organizational Motives. Frontiers in Psychology, 2019, 10, 3055.	1.1	29
39	A model with a solution algorithm for the operational aircraft maintenance routing problem. Computers and Industrial Engineering, 2018, 120, 346-359.	3.4	20
40	Aircraft parking stand allocation problem with safety consideration for independent hangar maintenance service providers. Computers and Operations Research, 2018, 91, 225-236.	2.4	32
41	Coevolutionary Structure-Redesigned-Based Bacterial Foraging Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1865-1876.	1.9	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.	3.3	6
43	Understanding the effect of cloud computing on organizational agility: An empirical examination. International Journal of Information Management, 2018, 43, 98-111.	10.5	73
44	Hydrologic Cycle Optimization Part II: Experiments and Real-World Application. Lecture Notes in Computer Science, 2018, , 350-358.	1.0	6
45	Iteration-Related Various Learning Particle Swarm Optimization for Quay Crane Scheduling Problem. Communications in Computer and Information Science, 2018, , 201-212.	0.4	0
46	Feature Subset Selection Using a Self-adaptive Strategy Based Differential Evolution Method. Lecture Notes in Computer Science, 2018, , 223-232.	1.0	1
47	Guided chemotaxis-based bacterial colony algorithm for three-echelon supply chain optimisation. International Journal of Computer Integrated Manufacturing, 2017, 30, 305-319.	2.9	5
48	Symbiosis-Based Alternative Learning Multi-Swarm Particle Swarm Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 4-14.	1.9	19
49	A population-based clustering technique using particle swarm optimization and k-means. Natural Computing, 2017, 16, 45-59.	1.8	17
50	A discrete bacterial algorithm for feature selection in classification of microarray gene expression cancer data. Knowledge-Based Systems, 2017, 126, 8-19.	4.0	81
51	A novel bacterial algorithm with randomness control for feature selection in classification. Neurocomputing, 2017, 228, 176-186.	3.5	30
52	A multi-objective optimization method based on discrete bacterial algorithm for environmental/economic power dispatch. Natural Computing, 2017, 16, 549-565.	1.8	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.	2.2	19
54	A novel friend recommendation service based on interaction information mining. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
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.	1.0	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.	4.9	7
61	A Cooperative Structure-Redesigned-Based Bacterial Foraging Optimization with Guided and Stochastic Movements. Lecture Notes in Computer Science, 2016, , 918-927.	1.0	3
62	A hybrid approach to artificial bee colony algorithm. Neural Computing and Applications, 2016, 27, 387-409.	3.2	27
63	Neighborhood Learning Bacterial Foraging Optimization for Solving Multi-objective Problems. Lecture Notes in Computer Science, 2016, , 433-440.	1.0	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.	0.6	4
65	Emergency Vehicle Scheduling Problem with Time Utility in Disasters. Mathematical Problems in Engineering, 2015, 2015, 1-7.	0.6	2
66	Improved Bacterial Foraging Optimization Algorithm with Information Communication Mechanism for Nurse Scheduling. Lecture Notes in Computer Science, 2015, , 701-707.	1.0	5
67	SRBFOs for Solving the Heterogeneous Fixed Fleet Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 725-732.	1.0	4
68	Bacterial-inspired algorithms for solving constrained optimization problems. Neurocomputing, 2015, 148, 54-62.	3.5	24
69	Multiobjective RFID Network Optimization Using Multiobjective Evolutionary and Swarm Intelligence Approaches. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	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.	1.0	11
72	Particle Swarm Optimizations for Multi-type Vehicle Routing Problem with Time Windows. Lecture Notes in Computer Science, 2014, , 808-815.	1.0	3

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73	Biomimicry of quorum sensing using bacterial lifecycle model. BMC Bioinformatics, 2013, 14, S8.	1.2	11
74	Multi-objective bacterial foraging optimization. Neurocomputing, 2013, 116, 336-345.	3.5	81
75	BFO with Information Communicational System Based on Different Topologies Structure. Lecture Notes in Computer Science, 2013, , 633-640.	1.0	9
76	Hybrid Bacterial Foraging Algorithm for Data Clustering. Lecture Notes in Computer Science, 2013, , 577-584.	1.0	5
77	Vehicle Routing Problem with Time Windows and Simultaneous Delivery and Pick-Up Service Based on MCP SO. Mathematical Problems in Engineering, 2012, 2012, 1-11.	0.6	15
78	A Novel PSO Model Based on Simulating Human Social Communication Behavior. Discrete Dynamics in Nature and Society, 2012, 2012, 1-21.	0.5	9
79	An Adaptive Bacterial Foraging Optimization Algorithm with Lifecycle and Social Learning. Discrete Dynamics in Nature and Society, 2012, 2012, 1-20.	0.5	23
80	Bacterial Colony Optimization. Discrete Dynamics in Nature and Society, 2012, 2012, 1-28.	0.5	89
81	Control parameters self-adaptation in differential evolution based on intrinsic 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.	3.5	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

#	ARTICLE	IF	CITATIONS
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.	1.4	241
97	Policy manifold generation for multi-task multi-objective optimization of energy flexible machining systems. IISE Transactions, 0, , 1-16.	1.6	3
98	Similarity coefficient-based cell formation method considering operation sequence with repeated operations. Engineering Optimization, 0, , 1-15.	1.5	3