

Bo Liu

List of Publications by Year in descending order

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64
papers

2,928
citations

361296

20
h-index

315616

38
g-index

68
all docs

68
docs citations

68
times ranked

2544
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved particle swarm optimization combined with chaos. <i>Chaos, Solitons and Fractals</i> , 2005, 25, 1261-1271.	2.5	802
2	An Effective PSO-Based Memetic Algorithm for Flow Shop Scheduling. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 18-27.	5.5	417
3	Impact of Examined Lymph Node Count on Precise Staging and Long-Term Survival of Resected Non-Small-Cell Lung Cancer: A Population Study of the US SEER Database and a Chinese Multi-Institutional Registry. <i>Journal of Clinical Oncology</i> , 2017, 35, 1162-1170.	0.8	263
4	An effective hybrid PSO-based algorithm for flow shop scheduling with limited buffers. <i>Computers and Operations Research</i> , 2008, 35, 2791-2806.	2.4	163
5	Parameter estimation for chaotic systems by particle swarm optimization. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 654-661.	2.5	156
6	Particle swarm optimization for function optimization in noisy environment. <i>Applied Mathematics and Computation</i> , 2006, 181, 908-919.	1.4	113
7	An effective hybrid particle swarm optimization for no-wait flow shop scheduling. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 31, 1001-1011.	1.5	101
8	An Effective PSO-Based Hybrid Algorithm for Multiobjective Permutation Flow Shop Scheduling. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2008, 38, 818-831.	3.4	101
9	Interactive Multiobjective Optimization: A Review of the State-of-the-Art. <i>IEEE Access</i> , 2018, 6, 41256-41279.	2.6	86
10	Differential evolution algorithm-based parameter estimation for chaotic systems. <i>Chaos, Solitons and Fractals</i> , 2009, 39, 2110-2118.	2.5	71
11	Directing orbits of chaotic systems by particle swarm optimization. <i>Chaos, Solitons and Fractals</i> , 2006, 29, 454-461.	2.5	63
12	Control and synchronization of chaotic systems by differential evolution algorithm. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 412-419.	2.5	53
13	Evolving the pulmonary nodules diagnosis from classical approaches to deep learning-aided decision support: three decades' development course and future prospect. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 153-185.	1.2	49
14	An effective hybrid particle swarm optimization for batch scheduling of polypropylene processes. <i>Computers and Chemical Engineering</i> , 2010, 34, 518-528.	2.0	47
15	An improved TLBO based memetic algorithm for aerodynamic shape optimization. <i>Engineering Applications of Artificial Intelligence</i> , 2017, 57, 1-15.	4.3	44
16	Deep learning aided decision support for pulmonary nodules diagnosing: a review. <i>Journal of Thoracic Disease</i> , 2018, 10, S867-S875.	0.6	40
17	Parameter estimation of nonlinear chaotic system by improved TLBO strategy. <i>Soft Computing</i> , 2016, 20, 4965-4980.	2.1	30
18	A unified framework for population-based metaheuristics. <i>Annals of Operations Research</i> , 2011, 186, 231-262.	2.6	29

#	ARTICLE	IF	CITATIONS
19	Designing Neural Networks Using Hybrid Particle Swarm Optimization. Lecture Notes in Computer Science, 2005, , 391-397.	1.0	24
20	Chaotic annealing with hypothesis test for function optimization in noisy environments. Chaos, Solitons and Fractals, 2008, 35, 888-894.	2.5	17
21	How connected are Chinese farmers to retail markets? New evidence of price transmission. China Economic Review, 2012, 23, 34-46.	2.1	16
22	An Effective PSO-Based Memetic Algorithm for TSP. , 2006, , 1151-1156.		14
23	Optimal targeting of nonlinear chaotic systems using a novel evolutionary computing strategy. Knowledge-Based Systems, 2016, 107, 261-270.	4.0	14
24	Salp Swarm Algorithm Based on Blocks on Critical Path for Reentrant Job Shop Scheduling Problems. Lecture Notes in Computer Science, 2018, , 638-648.	1.0	14
25	Intelligent Closed-Loop Insulin Delivery Systems for ICU Patients. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 290-299.	3.9	13
26	A hybrid estimation of distribution algorithm for distributed permutation flowshop scheduling with flowline eligibility. , 2016, , .		13
27	Scheduling of no-wait stochastic distributed assembly flowshop by hybrid PSO. , 2016, , .		12
28	A novel water wave optimization based memetic algorithm for flow-shop scheduling. , 2016, , .		11
29	Scatter search for distributed assembly flowshop scheduling to minimize total tardiness. , 2017, , .		11
30	Hybrid Particle Swarm Optimization for Stochastic Flow Shop Scheduling With No-wait Constraint. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 15855-15860.	0.4	9
31	Controlling Chaos by an Improved Estimation of Distribution Algorithm. Mathematical and Computational Applications, 2010, 15, 866-871.	0.7	9
32	The distributed permutation flowshop scheduling problem with different transport timetables and loading capacities. , 2016, , .		9
33	Variable neighborhood based memetic algorithm for distributed assembly permutation flowshop. , 2016, , .		8
34	An Inverse Power Generation Mechanism Based Fruit Fly Algorithm for Function Optimization. Journal of Systems Science and Complexity, 2019, 32, 634-656.	1.6	8
35	Prediction of mechanical properties of micro-alloyed steels via neural networks learned by water wave optimization. Neural Computing and Applications, 2020, 32, 5583-5598.	3.2	8
36	Designing Neural Networks Using PSO-Based Memetic Algorithm. Lecture Notes in Computer Science, 2007, , 219-224.	1.0	8

#	ARTICLE	IF	CITATIONS
37	EDA based probabilistic Memetic Algorithm for distributed blocking permutation flowshop scheduling with sequence dependent setup time. , 2017, , .		6
38	A novel improved teaching-learning based optimization for functional optimization. , 2016, , .		5
39	IIR filters designing by water wave optimization. , 2017, , .		5
40	Variable neighborhood based memetic algorithm for Just-in-Time distributed assembly permutation flowshop scheduling. , 2017, , .		5
41	Adjustment of basal insulin infusion rate in T1DM by hybrid PSO. Soft Computing, 2015, 19, 1921-1937.	2.1	4
42	A simultaneous perturbation stochastic approximation enhanced teaching-learning based optimization. , 2016, , .		4
43	Probabilistic memetic algorithm for flowshop scheduling. , 2013, , .		3
44	Seismic data modeling and compression using particle swarm optimization. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	3
45	Intelligent switching expert system for delayed coking unit based on iterative learning strategy. Expert Systems With Applications, 2011, 38, 9023-9029.	4.4	2
46	An effective TLBO-based memetic algorithm for hypersonic reentry trajectory optimization. , 2016, , .		2
47	Iterated local search for distributed multiple assembly no-wait flowshop scheduling. , 2017, , .		2
48	Chaotic particle swarm optimization for synchronization of finite dimensional Hénon dynamical system. , 2010, , .		1
49	Control of Hénon chaotic systems by chaotic particle swarm optimization. , 2010, , .		1
50	A DE-based algorithm for reentrant permutation flow-shop scheduling with different job reentrant times. , 2013, , .		1
51	A tabu-based variable neighborhood local search for n-vehicles exploration problem. , 2016, , .		1
52	I Ching philosophy inspired optimization. , 2017, , .		1
53	Designing Neural Networks Using Novel Water Wave Optimization Based Memetic Algorithm. , 2018, , .		1
54	A Dynamic Generalized Opposition-Based Learning Fruit Fly Algorithm for Function Optimization. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
55	An Improved Memetic Algorithm with Novel Level Comparison for Constrained Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 698-704.	0.5	1
56	DE and NLP Based QPLS Algorithm. <i>Lecture Notes in Computer Science</i> , 2007, , 584-592.	1.0	1
57	Hybrid Estimation of Distribution Algorithm for Blocking Flow-Shop Scheduling Problem with Sequence-Dependent Setup Times. <i>Lecture Notes in Computer Science</i> , 2018, , 628-637.	1.0	1
58	A parallel XML documents placement algorithm based on adaptive ant clustering of chaos. , 2008, , .		0
59	Scheduling of stochastic distributed assembly flowshop under complex constraints. , 2016, , .		0
60	Extended State Observer Based Ascent Trajectory Tracking Method. , 2017, , .		0
61	Team effectiveness based optimization. , 2017, , .		0
62	Distributed scheduling combined with traveling salesman problem: An iterated local search. , 2017, , .		0
63	Hybrid Discrete Teaching-Learning-Based Optimization Algorithm for Solving Parallel Machine Scheduling Problem with Multiple Constraints. <i>Lecture Notes in Computer Science</i> , 2018, , 618-627.	1.0	0
64	An Effective PSO-Based Memetic Algorithm for TSP. , 2006, , 1151-1156.		0