Li-Ning Xing

List of Publications by Year
in descending order

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87	2,032	257450	254184
papers	citations	24 h-index	43 g-index

89	89	89	1458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Generic Markov Decision Process Model and Reinforcement Learning Method for Scheduling Agile Earth Observation Satellites. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1463-1474.	9.3	40
2	Interactive multilevel programming approaches in neutrosophic environments. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 2143-2159.	4.9	3
3	Selection of data products: a hybrid AFSA-MABAC approach. International Journal of Machine Learning and Cybernetics, 2022, 13, 1079.	3.6	1
4	One-to-one ensemble mechanism for decomposition-based multi-Objective optimization. Swarm and Evolutionary Computation, 2022, 68, 101007.	8.1	15
5	Solving the Agile Earth Observation Satellite Scheduling Problem With Time-Dependent Transition Times. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1614-1625.	9.3	13
6	An improved genetic algorithm for the integrated satellite imaging and data transmission scheduling problem. Computers and Operations Research, 2022, 139, 105626.	4.0	28
7	Performance Evaluation of Human Resources Based on Linguistic Neutrosophic Maclaurin Symmetric Mean Operators. Cognitive Computation, 2022, 14, 547-562.	5.2	5
8	Dual-Population Artificial Bee Colony Algorithm for Joint Observation Satellite Mission Planning Problem. IEEE Access, 2022, 10, 28911-28921.	4.2	8
9	A Hybrid Multi-objective Coevolutionary Approach for the Multi-user Agile Earth Observation Satellite Scheduling Problem. Communications in Computer and Information Science, 2022, , 247-261.	0.5	1
10	Solving Satellite Range Scheduling Problem with Learning-Based Artificial Bee Colony Algorithm. Communications in Computer and Information Science, 2022, , 43-57.	0.5	1
11	Review on R&D task integrated management of intelligent manufacturing equipment. Neural Computing and Applications, 2022, 34, 5813-5837.	5.6	5
12	Tourism route optimization based on improved knowledge ant colony algorithm. Complex & Intelligent Systems, 2022, 8, 3973-3988.	6.5	8
13	Alternative External Resource Allocation Method to Information Security in Smart Cities. Discrete Dynamics in Nature and Society, 2022, 2022, 1-10.	0.9	0
14	A data-driven parallel adaptive large neighborhood search algorithm for a large-scale inter-satellite link scheduling problem. Swarm and Evolutionary Computation, 2022, 74, 101124.	8.1	4
15	Agile Earth Observation Satellite Scheduling Over 20 Years: Formulations, Methods, and Future Directions. IEEE Systems Journal, 2021, 15, 3881-3892.	4.6	70
16	Several variants of simulated annealing hyper-heuristic for a single-machine scheduling with two-scenario-based dependent processing times. Swarm and Evolutionary Computation, 2021, 60, 100765.	8.1	30
17	A scheduling strategy to inter-satellite links assignment in GNSS. Advances in Space Research, 2021, 67, 198-208.	2.6	17
18	A Self-Adaptive Differential Evolution Algorithm for Scheduling a Single Batch-Processing Machine With Arbitrary Job Sizes and Release Times. IEEE Transactions on Cybernetics, 2021, 51, 1430-1442.	9.5	146

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19	Big Archive-Assisted Ensemble of Many-Objective Evolutionary Algorithms. Complexity, 2021, 2021, 1-17.	1.6	1
20	A dynamic routing optimization problem considering joint delivery of passengers and parcels. Neural Computing and Applications, 2021, 33, 10323-10334.	5.6	6
21	Neutrosophic game pricing methods with risk aversion for pricing of data products. Expert Systems, 2021, 38, e12697.	4.5	1
22	A Data-Driven Analysis of Employee Development Based on Working Expertise. IEEE Transactions on Computational Social Systems, 2021, 8, 410-422.	4.4	5
23	Pricing of satellite image data products: Neutrosophic fuzzy pricing approaches under different game scenarios. Applied Soft Computing Journal, 2021, 102, 107106.	7.2	3
24	An effective memetic algorithm for UAV routing and orientation under uncertain navigation environments. Memetic Computing, 2021, 13, 169-183.	4.0	10
25	Integrated scheduling problem for earth observation satellites based on three modeling frameworks: an adaptive bi-objective memetic algorithm. Memetic Computing, 2021, 13, 203-226.	4.0	14
26	A population perturbation and elimination strategy based genetic algorithm for multi-satellite TT&C scheduling problem. Swarm and Evolutionary Computation, 2021, 65, 100912.	8.1	29
27	A Multi-objective Memetic Approach for Time-dependent Agile Earth Observation Satellite Scheduling Problem. Computers and Industrial Engineering, 2021, 159, 107530.	6.3	20
28	Knowledge-based memetic algorithm for joint task planning of multi-platform earth observation system. Computers and Industrial Engineering, 2021, 160, 107559.	6.3	5
29	Data-Driven Heuristic Assisted Memetic Algorithm for Efficient Inter-Satellite Link Scheduling in the BeiDou Navigation Satellite System. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1800-1816.	13.1	27
30	Techno-Economic and Environmental Assessment of the Hybrid Energy System Considering Electric and Thermal Loads. Electronics (Switzerland), 2021, 10, 3136.	3.1	3
31	Solving Large-scale Relay Satellite Scheduling Problem with A Dynamic Population Firework Algorithm: A Case Study. , 2021, , .		1
32	Behavior of crossover operators in NSGA-III for large-scale optimization problems. Information Sciences, 2020, 509, 470-487.	6.9	151
33	Identifying data streams anomalies by evolving spiking restricted Boltzmann machines. Neural Computing and Applications, 2020, 32, 6699-6713.	5.6	21
34	Selection of mine development scheme based on similarity measure under fuzzy environment. Neural Computing and Applications, 2020, 32, 5255-5266.	5.6	15
35	A Data-Driven Parallel Scheduling Approach for Multiple Agile Earth Observation Satellites. IEEE Transactions on Evolutionary Computation, 2020, 24, 679-693.	10.0	40
36	Bi-objective design of household E-waste collection with public advertising and competition from informal sectors. Waste Management, 2020, 102, 65-75.	7.4	18

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37	Picture Fuzzy Interaction Partitioned Heronian Aggregation Operators for Hotel Selection. Mathematics, 2020, 8, 3.	2.2	16
38	Integrated agile observation satellite scheduling problem considering different memory environments: a case study. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	4
39	A knowledge-based evolutionary algorithm for relay satellite system mission scheduling problem. Computers and Industrial Engineering, 2020, 150, 106830.	6.3	24
40	A Hybrid Discrete Differential Evolution Algorithm to Solve the Split Delivery Vehicle Routing Problem. IEEE Access, 2020, 8, 207962-207972.	4.2	6
41	Tabu Search Algorithm for the Bike Sharing Rebalancing Problem. IEEE Access, 2020, 8, 144543-144556.	4.2	6
42	An Exact Algorithm for Agile Earth Observation Satellite Scheduling with Time-Dependent Profits. Computers and Operations Research, 2020, 120, 104946.	4.0	27
43	Intelligent Energy-Saving Supervision System of Urban Buildings Based on the Internet of Things: A Case Study. IEEE Systems Journal, 2020, 14, 4252-4261.	4.6	18
44	Analysis of production cycle-time distribution with a big-data approach. Journal of Intelligent Manufacturing, 2020, 31, 1889-1897.	7.3	12
45	A Novel Genetic Algorithm with Population Perturbation and Elimination for Multi-satellite TT&C Scheduling Problem. Communications in Computer and Information Science, 2020, , 558-568.	0.5	2
46	Scheduling Mobile Robots in Flexible Manufacturing System by An Adaptive Large Neighborhood Search. , 2020, , .		0
47	Multi-mobile robots and multi-trips feeding scheduling problem in smart manufacturing system: An improved hybrid genetic algorithm. International Journal of Advanced Robotic Systems, 2019, 16, 172988141986812.	2.1	2
48	A Multi Ant System based hybrid heuristic algorithm for Vehicle Routing Problem with Service Time Customization. Swarm and Evolutionary Computation, 2019, 50, 100563.	8.1	17
49	Large-scale and adaptive service composition based on deep reinforcement learning. Journal of Visual Communication and Image Representation, 2019, 65, 102687.	2.8	12
50	MOEA based memetic algorithms for multi-objective satellite range scheduling problem. Swarm and Evolutionary Computation, 2019, 50, 100576.	8.1	34
51	The new treatment mode research of hepatitis B based on ant colony algorithm. Journal of Combinatorial Optimization, 2019, , 1.	1.3	0
52	A Hybrid Decision Making Framework for Personnel Selection Using BWM, MABAC and PROMETHEE. International Journal of Fuzzy Systems, 2019, 21, 2421-2434.	4.0	36
53	The Iterative Scheme and the Convergence Analysis of Unique Solution for a Singular Fractional Differential Equation from the Eco-Economic Complex Systemâ€™s Co-Evolution Process. Complexity, 2019, 2019, 1-15.	1.6	19
54	Comprehensive learning pigeon-inspired optimization with tabu list. Science China Information Sciences, 2019, 62, 1.	4.3	19

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55	Agile earth observation satellite scheduling: An orienteering problem with time-dependent profits and travel times. Computers and Operations Research, 2019, 111, 84-98.	4.0	49
56	Learning-guided nondominated sorting genetic algorithm II for multi-objective satellite range scheduling problem. Swarm and Evolutionary Computation, 2019, 49, 194-205.	8.1	28
57	An Adaptive Resource Allocation Strategy for Objective Space Partition-Based Multiobjective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-16.	9.3	49
58	An intelligent scheduling algorithm for complex manufacturing system simulation with frequent synchronizations in a cloud environment. Memetic Computing, 2019, 11, 357-370.	4.0	10
59	Doctor-Patient Combined Matching Problem and its Solving Algorithms. IEEE Access, 2019, 7, 177723-177733.	4.2	3
60	Hierarchical scheduling for real-time agile satellite task scheduling in a dynamic environment. Advances in Space Research, 2019, 63, 897-912.	2.6	49
61	Large-scale medical examination scheduling technology based on intelligent optimization. Journal of Combinatorial Optimization, 2019, 37, 385-404.	1.3	28
62	Multi-clustering via evolutionary multi-objective optimization. Information Sciences, 2018, 450, 128-140.	6.9	60
63	An Iterated Local Search Algorithm for Agile Earth Observation Satellite Scheduling Problem. , 2018, , .		8
64	The talent planning model and empirical research to the key disciplines in science and technology. Cluster Computing, 2017, 20, 3275-3286.	5.0	3
65	A Branch and Bound Algorithm for Agile Earth Observation Satellite Scheduling. Discrete Dynamics in Nature and Society, 2017, 2017, 1-15.	0.9	24
66	Time-dependent autonomous task planning of agile imaging satellites. Journal of Intelligent and Fuzzy Systems, 2016, 31, 1365-1375.	1.4	10
67	Cloud Avoidance Scheduling Algorithm for Agile Optical Satellites. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3691-3705.	0.4	6
68	Autonomous Mission Replanning Method for Imaging Satellites Considering Real-Time Weather Conditions. Journal of Computational and Theoretical Nanoscience, 2016, 13, 6967-6973.	0.4	2
69	Evaluation of scientific publications with hesitant fuzzy uncertain linguistic and semantic information. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2737-2742.	1.4	2
70	Review of Knowledge Guidance in Intelligent Optimization Approaches. Lecture Notes in Electrical Engineering, 2015, , 287-295.	0.4	0
71	The double layer optimization problem to express logistics systems and its heuristic algorithm. Expert Systems With Applications, 2014, 41, 237-245.	7.6	2
72	A Hybrid Multiobjective Evolutionary Approach for Flexible Job-Shop Scheduling Problems. Mathematical Problems in Engineering, 2012, 2012, 1-27.	1.1	17

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73	A Hybrid Ant Colony Optimization Algorithm for the Extended Capacitated Arc Routing Problem. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1110-1123.	5.0	56
74	Multi-population interactive coevolutionary algorithm for flexible job shop scheduling problems. Computational Optimization and Applications, 2011, 48, 139-155.	1.6	24
75	A Knowledge-Based Ant Colony Optimization for Flexible Job Shop Scheduling Problems. Applied Soft Computing Journal, 2010, 10, 888-896.	7.2	264
76	An Evolutionary Approach to the Multidepot Capacitated Arc Routing Problem. IEEE Transactions on Evolutionary Computation, 2010, 14, 356-374.	10.0	49
77	A Knowledge-Based Genetic Algorithm to the Global Numerical Optimization. , 2009, , .		1
78	An Improved Ant Colony Optimization for Flexible Job Shop Scheduling Problems. , 2009, , .		2
79	A novel mutation operator based on the immunity operation. European Journal of Operational Research, 2009, 197, 830-833.	5.7	18
80	An efficient search method for multi-objective flexible job shop scheduling problems. Journal of Intelligent Manufacturing, 2009, 20, 283-293.	7.3	104
81	Comments on â€œAn effective hybrid optimization approach for multi-objective flexible job-shop scheduling problemsâ€•[Comput. Ind. Eng. 48 (2005) 409â€“425]. Computers and Industrial Engineering, 2009, 56, 1735-1736.	6.3	2
82	Multi-objective flexible job shop schedule: Design and evaluation by simulation modeling. Applied Soft Computing Journal, 2009, 9, 362-376.	7.2	97
83	Double Layer ACO Algorithm for the Multi-Objective FJSSP. New Generation Computing, 2008, 26, 313-327.	3.3	6
84	Interactive Fuzzy Multi-objective Ant Colony Optimization with Linguistically Quantified Decision Functions for Flexible Job Shop Scheduling Problems. , 2007, , .		4
85	Multiprogramming genetic algorithm for optimization problems with permutation property. Applied Mathematics and Computation, 2007, 185, 473-483.	2.2	3
86	An intelligent genetic algorithm designed for global optimization of multi-minima functions. Applied Mathematics and Computation, 2006, 178, 355-371.	2.2	27
87	The Multi-Rule & Real-Time Training Neural Network Model for Time Series Forecasting Problem. , 2006, , .		1