

Jingpeng Li

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,254
citations

361045

20
h-index

395343

33
g-index

63
all docs

63
docs citations

63
times ranked

963
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid model of integer programming and variable neighbourhood search for highly-constrained nurse rostering problems. <i>European Journal of Operational Research</i> , 2010, 203, 484-493.	3.5	132
2	A fuzzy genetic algorithm for driver scheduling. <i>European Journal of Operational Research</i> , 2003, 147, 334-344.	3.5	84
3	A Hybrid Evolutionary Approach to the Nurse Rostering Problem. <i>IEEE Transactions on Evolutionary Computation</i> , 2010, 14, 580-590.	7.5	75
4	Stochastic service network design with rerouting. <i>Transportation Research Part B: Methodological</i> , 2014, 60, 50-65.	2.8	68
5	An estimation of distribution algorithm with intelligent local search for rule-based nurse rostering. <i>Journal of the Operational Research Society</i> , 2007, 58, 1574-1585.	2.1	67
6	A hybrid metaheuristic case-based reasoning system for nurse rostering. <i>Journal of Scheduling</i> , 2009, 12, 99-119.	1.3	61
7	An estimation of distribution algorithm for nurse scheduling. <i>Annals of Operations Research</i> , 2007, 155, 289-309.	2.6	52
8	The falling tide algorithm: A new multi-objective approach for complex workforce scheduling. <i>Omega</i> , 2012, 40, 283-293.	3.6	49
9	An Evolutionary Squeaky Wheel Optimization Approach to Personnel Scheduling. <i>IEEE Transactions on Evolutionary Computation</i> , 2009, 13, 433-443.	7.5	45
10	Exploring Personalised Autonomous Vehicles to Influence User Trust. <i>Cognitive Computation</i> , 2020, 12, 1170-1186.	3.6	43
11	A control theoretical view of cloud elasticity: taxonomy, survey and challenges. <i>Cluster Computing</i> , 2018, 21, 1735-1764.	3.5	35
12	A machine learning approach to automatic detection of irregularity in skin lesion border using dermoscopic images. <i>PeerJ Computer Science</i> , 2020, 6, e268.	2.7	33
13	A probabilistic model for vehicle scheduling based on stochastic trip times. <i>Transportation Research Part B: Methodological</i> , 2016, 85, 19-31.	2.8	32
14	A Self-Adjusting Algorithm for Driver Scheduling. <i>Journal of Heuristics</i> , 2005, 11, 351-367.	1.1	31
15	A Pareto-based search methodology for multi-objective nurse scheduling. <i>Annals of Operations Research</i> , 2012, 196, 91-109.	2.6	30
16	Evolutionary crew scheduling with adaptive chromosomes. <i>Transportation Research Part B: Methodological</i> , 2013, 56, 174-185.	2.8	30
17	Automating the ABCD Rule for Melanoma Detection: A Survey. <i>IEEE Access</i> , 2020, 8, 83333-83346.	2.6	27
18	Robust Visual Saliency Optimization Based on Bidirectional Markov Chains. <i>Cognitive Computation</i> , 2021, 13, 69-80.	3.6	26

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19	A hybrid medical text classification framework: Integrating attentive rule construction and neural network. <i>Neurocomputing</i> , 2021, 443, 345-355.	3.5	25
20	Automated Design of Probability Distributions as Mutation Operators for Evolutionary Programming Using Genetic Programming. <i>Lecture Notes in Computer Science</i> , 2013, , 85-96.	1.0	22
21	Integrating neural networks and logistic regression to underpin hyper-heuristic search. <i>Knowledge-Based Systems</i> , 2011, 24, 322-330.	4.0	20
22	The Application of Bayesian Optimization and Classifier Systems in Nurse Scheduling. <i>Lecture Notes in Computer Science</i> , 2004, , 581-590.	1.0	18
23	Towards the automatic detection of skin lesion shape asymmetry, color variegation and diameter in dermoscopic images. <i>PLoS ONE</i> , 2020, 15, e0234352.	1.1	18
24	A Novel Fuzzy Multilayer Perceptron (F-MLP) for the Detection of Irregularity in Skin Lesion Border Using Dermoscopic Images. <i>Frontiers in Medicine</i> , 2020, 7, 297.	1.2	18
25	A multi objective volleyball premier league algorithm for green scheduling identical parallel machines with splitting jobs. <i>Applied Intelligence</i> , 2021, 51, 4143-4161.	3.3	15
26	A Meta-heuristic with Orthogonal Experiment for the Set Covering Problem. <i>Mathematical Modelling and Algorithms</i> , 2004, 3, 263-283.	0.5	14
27	A hybrid combinatorial approach to a two-stage stochastic portfolio optimization model with uncertain asset prices. <i>Soft Computing</i> , 2020, 24, 2809-2831.	2.1	13
28	A fuzzy simulated evolution algorithm for the driver scheduling problem. , 0, , .		11
29	A Component-Based Heuristic Search Method with Evolutionary Eliminations for Hospital Personnel Scheduling. <i>INFORMS Journal on Computing</i> , 2009, 21, 468-479.	1.0	11
30	A Deep Learning Based Approach to Skin Lesion Border Extraction With a Novel Edge Detector in Dermoscopy Images. , 2019, , .		11
31	A pattern recognition based intelligent search method and two assignment problem case studies. <i>Applied Intelligence</i> , 2012, 36, 442-453.	3.3	10
32	Robust Electric Vehicle Routing Problem with Time Windows under Demand Uncertainty and Weight-Related Energy Consumption. <i>Complex System Modeling and Simulation</i> , 2022, 2, 18-34.	3.2	10
33	A Bayesian optimization algorithm for the nurse scheduling problem. , 0, , .		8
34	Search with evolutionary ruin and stochastic rebuild: A theoretic framework and a case study on exam timetabling. <i>European Journal of Operational Research</i> , 2015, 242, 798-806.	3.5	8
35	Supervised Versus Unsupervised Deep Learning Based Methods for Skin Lesion Segmentation in Dermoscopy Images. <i>Lecture Notes in Computer Science</i> , 2019, , 373-379.	1.0	7
36	Evolutionary Squeaky Wheel Optimization: A New Framework for Analysis. <i>Evolutionary Computation</i> , 2011, 19, 405-428.	2.3	6

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37	Towards a Biologically Inspired Soft Switching Approach for Cloud Resource Provisioning. Cognitive Computation, 2016, 8, 992-1005.	3.6	6
38	Improved binary similarity measures for software modularization. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1082-1107.	1.5	6
39	An estimation of distribution algorithm for public transport driver scheduling. International Journal of Operational Research, 2017, 28, 245.	0.1	6
40	A MultiObjective Optimization Approach for Integrated Timetabling and Vehicle Scheduling with Uncertainty. Journal of Advanced Transportation, 2021, 2021, 1-16.	0.9	6
41	A fuzzy evolutionary approach with Taguchi parameter setting for the set covering problem. , 0, , .		5
42	A hybrid metaheuristic approach to a real world employee scheduling problem. , 2019, , .		5
43	A hybrid genetic algorithm for a two-stage stochastic portfolio optimization with uncertain asset prices. , 2015, , .		4
44	Genetic optimization of fuzzy membership functions for cloud resource provisioning. , 2016, , .		4
45	Surrogate-Assisted Genetic Algorithms for the Travelling Salesman Problem and Vehicle Routing Problem. , 2020, , .		3
46	A Bayesian Optimisation Algorithm for the Nurse Scheduling Problem. SSRN Electronic Journal, 0, , .	0.4	3
47	An Estimation of Distribution Algorithm with Intelligent Local Search for Rule-based Nurse Rostering. SSRN Electronic Journal, 0, , .	0.4	2
48	An ensemble based Genetic Programming system to predict English football premier league games. , 2013, , .		2
49	A Multi-objective Simulated Annealing for Bus Driver Rostering. Communications in Computer and Information Science, 2015, , 315-330.	0.4	2
50	Variable Neighbourhood Search: A case study for a highly-constrained workforce scheduling problem. , 2016, , .		2
51	Towards workload-aware cloud resource provisioning using a multi-controller fuzzy switching approach. International Journal of High Performance Computing and Networking, 2018, 12, 13.	0.4	2
52	Design and evaluation of a biologically-inspired cloud elasticity framework. Cluster Computing, 2020, 23, 3095-3117.	3.5	2
53	A Novel Fully Automated Liver and HCC Tumor Segmentation System Using Morphological Operations. Lecture Notes in Computer Science, 2016, , 240-250.	1.0	2
54	The Application of Bayesian Optimization and Classifier Systems in Nurse Scheduling. SSRN Electronic Journal, 2004, , .	0.4	1

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55	Shift Scheduling and Employee Rostering: An Evolutionary Ruin & Stochastic Recreate Solution. , 2018, , .		1
56	An Evolutionary Squeaky Wheel Optimisation Approach to Personnel Scheduling. SSRN Electronic Journal, 0, , .	0.4	1
57	Evolutionary Ruin And Stochastic Recreate: A Case Study On The Exam Timetabling Problem. , 2012, , .		1
58	A Bayesian Optimization Algorithm for Nurse Scheduling. SSRN Electronic Journal, 2006, , .	0.4	0
59	Comparison between Maximal Independent Sets and Maximal Cliques Models to Calculate the Capacity of Multihop Wireless Networks. Lecture Notes in Networks and Systems, 2020, , 603-615.	0.5	0
60	Explicit Learning: An Effort Towards Human Scheduling Algorithms. SSRN Electronic Journal, 0, , .	0.4	0
61	Improved Squeaky Wheel Optimisation for Driver Scheduling. SSRN Electronic Journal, 0, , .	0.4	0