

Jin-Kao Hao

List of Publications by Year in descending order

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221
papers

7,360
citations

50276

46
h-index

76900

74
g-index

232
all docs

232
docs citations

232
times ranked

4398
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Evolutionary Algorithms for Graph Coloring. <i>Journal of Combinatorial Optimization</i> , 1999, 3, 379-397.	1.3	364
2	Transit network design and scheduling: A global review. <i>Transportation Research, Part A: Policy and Practice</i> , 2008, 42, 1251-1273.	4.2	339
3	Inferring gene regulatory networks from gene expression data by path consistency algorithm based on conditional mutual information. <i>Bioinformatics</i> , 2012, 28, 98-104.	4.1	265
4	The unconstrained binary quadratic programming problem: a survey. <i>Journal of Combinatorial Optimization</i> , 2014, 28, 58-81.	1.3	251
5	A review on algorithms for maximum clique problems. <i>European Journal of Operational Research</i> , 2015, 242, 693-709.	5.7	212
6	A memetic algorithm for graph coloring. <i>European Journal of Operational Research</i> , 2010, 203, 241-250.	5.7	186
7	Adaptive Tabu Search for course timetabling. <i>European Journal of Operational Research</i> , 2010, 200, 235-244.	5.7	183
8	Title is missing!. <i>Computational Optimization and Applications</i> , 2001, 20, 137-157.	1.6	179
9	NARROMI: a noise and redundancy reduction technique improves accuracy of gene regulatory network inference. <i>Bioinformatics</i> , 2013, 29, 106-113.	4.1	133
10	Conditional mutual inclusive information enables accurate quantification of associations in gene regulatory networks. <i>Nucleic Acids Research</i> , 2015, 43, e31-e31.	14.5	119
11	Identifying dysregulated pathways in cancers from pathway interaction networks. <i>BMC Bioinformatics</i> , 2012, 13, 126.	2.6	109
12	Identifying cancer-related microRNAs based on gene expression data. <i>Bioinformatics</i> , 2015, 31, 1226-1234.	4.1	92
13	A Hybrid GA/SVM Approach for Gene Selection and Classification of Microarray Data. <i>Lecture Notes in Computer Science</i> , 2006, , 34-44.	1.3	88
14	Breakout local search for the quadratic assignment problem. <i>Applied Mathematics and Computation</i> , 2013, 219, 4800-4815.	2.2	87
15	A Multilevel Memetic Approach for Improving Graph k-Partitions. <i>IEEE Transactions on Evolutionary Computation</i> , 2011, 15, 624-642.	10.0	81
16	Breakout Local Search for the Max-Cutproblem. <i>Engineering Applications of Artificial Intelligence</i> , 2013, 26, 1162-1173.	8.1	81
17	Memetic search for the quadratic assignment problem. <i>Expert Systems With Applications</i> , 2015, 42, 584-595.	7.6	81
18	Multi-neighborhood tabu search for the maximum weight clique problem. <i>Annals of Operations Research</i> , 2012, 196, 611-634.	4.1	80

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19	Tabu Search for Frequency Assignment in Mobile Radio Networks. <i>Journal of Heuristics</i> , 1998, 4, 47-62.	1.4	79
20	A new genetic local search algorithm for graph coloring. <i>Lecture Notes in Computer Science</i> , 1998, , 745-754.	1.3	79
21	An evolutionary approach with diversity guarantee and well-informed grouping recombination for graph coloring. <i>Computers and Operations Research</i> , 2010, 37, 1822-1832.	4.0	77
22	Breakout Local Search for maximum clique problems. <i>Computers and Operations Research</i> , 2013, 40, 192-206.	4.0	76
23	A hybrid metaheuristic approach to solving the UBQP problem. <i>European Journal of Operational Research</i> , 2010, 207, 1254-1262.	5.7	75
24	Path relinking for unconstrained binary quadratic programming. <i>European Journal of Operational Research</i> , 2012, 223, 595-604.	5.7	75
25	A Heuristic Approach for Antenna Positioning in Cellular Networks. <i>Journal of Heuristics</i> , 2001, 7, 443-472.	1.4	69
26	GASAT: A Genetic Local Search Algorithm for the Satisfiability Problem. <i>Evolutionary Computation</i> , 2006, 14, 223-253.	3.0	69
27	An effective two-stage simulated annealing algorithm for the minimum linear arrangement problem. <i>Computers and Operations Research</i> , 2008, 35, 3331-3346.	4.0	69
28	Diversification-driven tabu search for unconstrained binary quadratic problems. <i>4or</i> , 2010, 8, 239-253.	1.6	67
29	A Genetic Embedded Approach for Gene Selection and Classification of Microarray Data. , 2007, , 90-101.		66
30	Opposition-Based Memetic Search for the Maximum Diversity Problem. <i>IEEE Transactions on Evolutionary Computation</i> , 2017, 21, 731-745.	10.0	64
31	A biclustering algorithm based on a Bicluster Enumeration Tree: application to DNA microarray data. <i>BioData Mining</i> , 2009, 2, 9.	4.0	63
32	Neighborhood analysis: a case study on curriculum-based course timetabling. <i>Journal of Heuristics</i> , 2011, 17, 97-118.	1.4	63
33	Adaptive neighborhood search for nurse rostering. <i>European Journal of Operational Research</i> , 2012, 218, 865-876.	5.7	63
34	Advances in metaheuristics for gene selection and classification of microarray data. <i>Briefings in Bioinformatics</i> , 2010, 11, 127-141.	6.5	61
35	Upper Bounds for the SPOT 5 Daily Photograph Scheduling Problem. <i>Journal of Combinatorial Optimization</i> , 2003, 7, 87-103.	1.3	60
36	Solving large scale Max Cut problems via tabu search. <i>Journal of Heuristics</i> , 2013, 19, 565-571.	1.4	59

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37	Transit network timetabling and vehicle assignment for regulating authorities. Computers and Industrial Engineering, 2010, 59, 16-23.	6.3	57
38	The case for strategic oscillation. Annals of Operations Research, 2011, 183, 163-173.	4.1	57
39	An improved simulated annealing algorithm for bandwidth minimization. European Journal of Operational Research, 2008, 185, 1319-1335.	5.7	55
40	A hybrid LDA and genetic algorithm for gene selection and classification of microarray data. Neurocomputing, 2010, 73, 2375-2383.	5.9	54
41	Reinforcement learning based local search for grouping problems: A case study on graph coloring. Expert Systems With Applications, 2016, 64, 412-422.	7.6	52
42	A hybrid metaheuristic approach for the capacitated arc routing problem. European Journal of Operational Research, 2016, 253, 25-39.	5.7	52
43	The Time-dependent Electric Vehicle Routing Problem: Model and solution. Expert Systems With Applications, 2020, 161, 113593.	7.6	52
44	An adaptive multistart tabu search approach to solve the maximum clique problem. Journal of Combinatorial Optimization, 2013, 26, 86-108.	1.3	50
45	An effective multilevel tabu search approach for balanced graph partitioning. Computers and Operations Research, 2011, 38, 1066-1075.	4.0	49
46	A search space cartography for guiding graph coloring heuristics. Computers and Operations Research, 2010, 37, 769-778.	4.0	48
47	Coloring large graphs based on independent set extraction. Computers and Operations Research, 2012, 39, 283-290.	4.0	47
48	A tabu search based memetic algorithm for the maximum diversity problem. Engineering Applications of Artificial Intelligence, 2014, 27, 103-114.	8.1	47
49	Memetic Algorithms in Discrete Optimization. Studies in Computational Intelligence, 2012, , 73-94.	0.9	46
50	Memetic Search for Identifying Critical Nodes in Sparse Graphs. IEEE Transactions on Cybernetics, 2019, 49, 3699-3712.	9.5	46
51	BicFinder: a biclustering algorithm for microarray data analysis. Knowledge and Information Systems, 2012, 30, 341-358.	3.2	44
52	General swap-based multiple neighborhood tabu search for the maximum independent set problem. Engineering Applications of Artificial Intelligence, 2015, 37, 20-33.	8.1	44
53	A memetic algorithm for gene selection and molecular classification of cancer. , 2009, , .		42
54	Iterated local search for the multiple depot vehicle scheduling problem. Computers and Industrial Engineering, 2009, 57, 277-286.	6.3	42

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55	Probabilistic GRASP-Tabu Search algorithms for the UBQP problem. Computers and Operations Research, 2013, 40, 3100-3107.	4.0	41
56	Progressive Tree Neighborhood applied to the Maximum Parsimony Problem. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2008, 5, 136-145.	3.0	40
57	Efficient evaluations for solving large 0-1 unconstrained quadratic optimisation problems. International Journal of Metaheuristics, 2010, 1, 3.	0.1	38
58	A two-phase tabu-evolutionary algorithm for the 0-1 multidimensional knapsack problem. Information Sciences, 2018, 436-437, 282-301.	6.9	38
59	A hybrid metaheuristic for multiobjective unconstrained binary quadratic programming. Applied Soft Computing Journal, 2014, 16, 10-19.	7.2	37
60	A "reduce and solve" approach for the multiple-choice multidimensional knapsack problem. European Journal of Operational Research, 2014, 239, 313-322.	5.7	37
61	Pattern-driven neighborhood search for biclustering of microarray data. BMC Bioinformatics, 2012, 13, S11.	2.6	36
62	Two-stage solution-based tabu search for the multidemand multidimensional knapsack problem. European Journal of Operational Research, 2019, 274, 35-48.	5.7	36
63	Solving the winner determination problem via a weighted maximum clique heuristic. Expert Systems With Applications, 2015, 42, 355-365.	7.6	35
64	Improving probability learning based local search for graph coloring. Applied Soft Computing Journal, 2018, 65, 542-553.	7.2	35
65	Tabu Search for Graph Coloring, T-Colorings and Set T-Colorings. , 1999, , 77-92.		35
66	Diversity-preserving quantum particle swarm optimization for the multidimensional knapsack problem. Expert Systems With Applications, 2020, 149, 113310.	7.6	33
67	Memetic search for the max-bisection problem. Computers and Operations Research, 2013, 40, 166-179.	4.0	32
68	Iterated responsive threshold search for the quadratic multiple knapsack problem. Annals of Operations Research, 2015, 226, 101-131.	4.1	32
69	A memetic algorithm for the Minimum Sum Coloring Problem. Computers and Operations Research, 2014, 43, 318-327.	4.0	31
70	Hybrid evolutionary search for the minimum sum coloring problem of graphs. Information Sciences, 2016, 352-353, 15-34.	6.9	31
71	Simultaneous vehicle and driver scheduling: A case study in a limousine rental company. Computers and Industrial Engineering, 2007, 53, 542-558.	6.3	30
72	A hybrid metaheuristic method for the Maximum Diversity Problem. European Journal of Operational Research, 2013, 231, 452-464.	5.7	30

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73	Memetic Search for the Generalized Quadratic Multiple Knapsack Problem. IEEE Transactions on Evolutionary Computation, 2016, 20, 908-923.	10.0	29
74	An evolutionary path relinking approach for the quadratic multiple knapsack problem. Knowledge-Based Systems, 2016, 92, 23-34.	7.1	29
75	Solution-based tabu search for the maximum min-sum dispersion problem. Information Sciences, 2018, 441, 79-94.	6.9	29
76	A tabu search based memetic algorithm for the max-mean dispersion problem. Computers and Operations Research, 2016, 72, 118-127.	4.0	28
77	Scatter Search for Graph Coloring. Lecture Notes in Computer Science, 2002, , 168-179.	1.3	27
78	Fuzzy Logic for Elimination of Redundant Information of Microarray Data. Genomics, Proteomics and Bioinformatics, 2008, 6, 61-73.	6.9	27
79	A simple and effective algorithm for the MaxMin diversity problem. Annals of Operations Research, 2011, 186, 275-293.	4.1	27
80	Hypervolume-based multi-objective local search. Neural Computing and Applications, 2012, 21, 1917-1929.	5.6	27
81	Recent Advances in Graph Vertex Coloring. Intelligent Systems Reference Library, 2013, , 505-528.	1.2	27
82	A clique-based exact method for optimal winner determination in combinatorial auctions. Information Sciences, 2016, 334-335, 103-121.	6.9	26
83	Adaptive feasible and infeasible tabu search for weighted vertex coloring. Information Sciences, 2018, 466, 203-219.	6.9	26
84	A General Approach for Constraint Solving by Local Search. Mathematical Modelling and Algorithms, 2004, 3, 73-88.	0.5	25
85	A Memetic Algorithm for Community Detection in Complex Networks. Lecture Notes in Computer Science, 2012, , 327-336.	1.3	25
86	Backbone guided tabu search for solving the UBQP problem. Journal of Heuristics, 2013, 19, 679-695.	1.4	25
87	Iterated two-phase local search for the Set-Union Knapsack Problem. Future Generation Computer Systems, 2019, 101, 1005-1017.	7.5	25
88	Lower bounds for the ITC-2007 curriculum-based course timetabling problem. European Journal of Operational Research, 2011, 212, 464-472.	5.7	23
89	An effective heuristic algorithm for sum coloring of graphs. Computers and Operations Research, 2012, 39, 1593-1600.	4.0	23
90	Iterated maxima search for the maximally diverse grouping problem. European Journal of Operational Research, 2016, 254, 780-800.	5.7	23

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91	Algorithms for the minimum sum coloring problem: a review. <i>Artificial Intelligence Review</i> , 2017, 47, 367-394.	15.7	23
92	Hybrid evolutionary search for the traveling repairman problem with profits. <i>Information Sciences</i> , 2019, 502, 91-108.	6.9	23
93	Path relinking for the fixed spectrum frequency assignment problem. <i>Expert Systems With Applications</i> , 2015, 42, 4755-4767.	7.6	22
94	A multi-agent based optimization method applied to the quadratic assignment problem. <i>Expert Systems With Applications</i> , 2015, 42, 9252-9262.	7.6	22
95	Heuristic search to the capacitated clustering problem. <i>European Journal of Operational Research</i> , 2019, 273, 464-487.	5.7	22
96	Variable Population Memetic Search: A Case Study on the Critical Node Problem. <i>IEEE Transactions on Evolutionary Computation</i> , 2021, 25, 187-200.	10.0	22
97	Breakout local search for the Steiner tree problem with revenue, budget and hop constraints. <i>European Journal of Operational Research</i> , 2014, 232, 209-220.	5.7	21
98	Iterated variable neighborhood search for the capacitated clustering problem. <i>Engineering Applications of Artificial Intelligence</i> , 2016, 56, 102-120.	8.1	21
99	An effective iterated tabu search for the maximum bisection problem. <i>Computers and Operations Research</i> , 2017, 81, 78-89.	4.0	21
100	A Memetic Algorithm for Phylogenetic Reconstruction with Maximum Parsimony. <i>Lecture Notes in Computer Science</i> , 2009, , 164-175.	1.3	21
101	Improving the extraction and expansion method for large graph coloring. <i>Discrete Applied Mathematics</i> , 2012, 160, 2397-2407.	0.9	20
102	A memetic algorithm for discovering negative correlation biclusters of DNA microarray data. <i>Neurocomputing</i> , 2014, 145, 14-22.	5.9	20
103	An iterated "hyperplane exploration" approach for the quadratic knapsack problem. <i>Computers and Operations Research</i> , 2017, 77, 226-239.	4.0	20
104	PUSH: A generalized operator for the Maximum Vertex Weight Clique Problem. <i>European Journal of Operational Research</i> , 2017, 257, 41-54.	5.7	20
105	A multiple search operator heuristic for the max-k-cut problem. <i>Annals of Operations Research</i> , 2017, 248, 365-403.	4.1	20
106	A three-phase search approach for the quadratic minimum spanning tree problem. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 46, 113-130.	8.1	17
107	A three-phased local search approach for the clique partitioning problem. <i>Journal of Combinatorial Optimization</i> , 2016, 32, 469-491.	1.3	17
108	Frequency-driven tabu search for the maximum s-plex problem. <i>Computers and Operations Research</i> , 2017, 86, 65-78.	4.0	17

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109	Multistart solution-based tabu search for the Set-Union Knapsack Problem. Applied Soft Computing Journal, 2021, 105, 107260.	7.2	16
110	Diversity Control and Multi-Parent Recombination for Evolutionary Graph Coloring Algorithms. Lecture Notes in Computer Science, 2009, , 121-132.	1.3	15
111	A Study of Breakout Local Search for the Minimum Sum Coloring Problem. Lecture Notes in Computer Science, 2012, , 128-137.	1.3	15
112	Solving bi-objective flow shop problem with hybrid path relinking algorithm. Applied Soft Computing Journal, 2013, 13, 4118-4132.	7.2	15
113	Solving the maximum vertex weight clique problem via binary quadratic programming. Journal of Combinatorial Optimization, 2016, 32, 531-549.	1.3	15
114	The bi-objective quadratic multiple knapsack problem: Model and heuristics. Knowledge-Based Systems, 2016, 97, 89-100.	7.1	15
115	Two phased hybrid local search for the periodic capacitated arc routing problem. European Journal of Operational Research, 2018, 264, 55-65.	5.7	15
116	Grouping memetic search for the colored traveling salesmen problem. Information Sciences, 2021, 570, 689-707.	6.9	15
117	Learning-driven feasible and infeasible tabu search for airport gate assignment. European Journal of Operational Research, 2022, 302, 172-186.	5.7	15
118	Towards effective exact methods for the Maximum Balanced Biclique Problem in bipartite graphs. European Journal of Operational Research, 2018, 269, 834-843.	5.7	14
119	Iterated two-phase local search for the colored traveling salesmen problem. Engineering Applications of Artificial Intelligence, 2021, 97, 104018.	8.1	14
120	Neighborhood decomposition based variable neighborhood search and tabu search for maximally diverse grouping. European Journal of Operational Research, 2021, 289, 1067-1086.	5.7	14
121	Iterated dynamic thresholding search for packing equal circles into a circular container. European Journal of Operational Research, 2022, 299, 137-153.	5.7	14
122	Hybrid search with neighborhood reduction for the multiple traveling salesman problem. Computers and Operations Research, 2022, 142, 105726.	4.0	14
123	An iterated local search algorithm for the minimum differential dispersion problem. Knowledge-Based Systems, 2017, 125, 26-38.	7.1	13
124	Knowledge-guided local search for the prize-collecting Steiner tree problem in graphs. Knowledge-Based Systems, 2017, 128, 78-92.	7.1	13
125	R 2-IBMOLS applied to a practical case of the multiobjective knapsack problem. Expert Systems With Applications, 2017, 71, 457-468.	7.6	13
126	Tabu search with feasible and infeasible searches for equitable coloring. Engineering Applications of Artificial Intelligence, 2018, 71, 1-14.	8.1	13

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127	Kernel based tabu search for the Set-union Knapsack Problem. Expert Systems With Applications, 2021, 165, 113802.	7.6	13
128	Gene Selection for Microarray Data by a LDA-Based Genetic Algorithm. Lecture Notes in Computer Science, 2008, , 250-261.	1.3	13
129	Frequent Pattern-Based Search: A Case Study on the Quadratic Assignment Problem. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1503-1515.	9.3	13
130	Dynamic Programming Driven Memetic Search for the Steiner Tree Problem with Revenues, Budget, and Hop Constraints. INFORMS Journal on Computing, 2015, 27, 221-237.	1.7	12
131	Solving the Latin Square Completion Problem by Memetic Graph Coloring. IEEE Transactions on Evolutionary Computation, 2019, 23, 1015-1028.	10.0	12
132	Adaptive memory-based local search for MAX-SAT. Applied Soft Computing Journal, 2012, 12, 2063-2071.	7.2	11
133	AN EXTRACTION AND EXPANSION APPROACH FOR GRAPH COLORING. Asia-Pacific Journal of Operational Research, 2013, 30, 1350018.	1.3	11
134	Experiments on Local Search for Bi-objective Unconstrained Binary Quadratic Programming. Lecture Notes in Computer Science, 2015, , 171-186.	1.3	11
135	Intensification-driven tabu search for the minimum differential dispersion problem. Knowledge-Based Systems, 2019, 167, 68-86.	7.1	11
136	Parallel iterative solution-based tabu search for the obnoxious p-median problem. Computers and Operations Research, 2021, 127, 105155.	4.0	11
137	Simultaneous Vehicle and Crew Scheduling for Extra Urban Transports. Lecture Notes in Computer Science, 2008, , 466-475.	1.3	10
138	Backtracking based iterated tabu search for equitable coloring. Engineering Applications of Artificial Intelligence, 2015, 46, 269-278.	8.1	10
139	A learning-based path relinking algorithm for the bandwidth coloring problem. Engineering Applications of Artificial Intelligence, 2016, 52, 81-91.	8.1	10
140	Diversification-based learning in computing and optimization. Journal of Heuristics, 2019, 25, 521-537.	1.4	10
141	Stagnation-aware breakout tabu search for the minimum conductance graph partitioning problem. Computers and Operations Research, 2019, 111, 43-57.	4.0	10
142	General swap-based multiple neighborhood adaptive search for the maximum balanced biclique problem. Computers and Operations Research, 2020, 119, 104922.	4.0	10
143	Improving the Louvain Algorithm for Community Detection with Modularity Maximization. Lecture Notes in Computer Science, 2014, , 145-156.	1.3	10
144	A linear-time algorithm to solve the Sports League Scheduling Problem (prob026 of CSPLib). Discrete Applied Mathematics, 2004, 143, 252-265.	0.9	9

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145	Genetic Tabu search for robust fixed channel assignment under dynamic traffic data. Computational Optimization and Applications, 2011, 50, 483-506.	1.6	9
146	Effective Learning-Based Hybrid Search for Bandwidth Coloring. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 624-635.	9.3	9
147	Swap-vertex based neighborhood for Steiner tree problems. Mathematical Programming Computation, 2017, 9, 297-320.	4.8	9
148	Tabu search with graph reduction for finding maximum balanced bicliques in bipartite graphs. Engineering Applications of Artificial Intelligence, 2019, 77, 86-97.	8.1	9
149	A new iterated local search algorithm for the cyclic bandwidth problem. Knowledge-Based Systems, 2020, 203, 106136.	7.1	9
150	Population-based gradient descent weight learning for graph coloring problems. Knowledge-Based Systems, 2021, 212, 106581.	7.1	9
151	Responsive threshold search based memetic algorithm for balanced minimum sum-of-squares clustering. Information Sciences, 2021, 569, 184-204.	6.9	9
152	A hybrid evolutionary search for the generalized quadratic multiple knapsack problem. European Journal of Operational Research, 2022, 296, 788-803.	5.7	9
153	Solving the Course Timetabling Problem with a Hybrid Heuristic Algorithm. Lecture Notes in Computer Science, 2008, , 262-273.	1.3	9
154	An Effective Multilevel Memetic Algorithm for Balanced Graph Partitioning. , 2010, , .		8
155	Hybrid Metaheuristics for the Graph Partitioning Problem. Studies in Computational Intelligence, 2013, , 157-185.	0.9	8
156	Memetic search for the equitable coloring problem. Knowledge-Based Systems, 2020, 188, 105000.	7.1	8
157	Meta-heuristics and Artificial Intelligence. , 2020, , 27-52.		8
158	A Study of Multi-parent Crossover Operators in a Memetic Algorithm. , 2010, , 556-565.		8
159	A Dynamic Traffic Model for Frequency Assignment. , 2002, , 779-788.		7
160	Iterated Local Search for Biclustering of Microarray Data. Lecture Notes in Computer Science, 2010, , 219-229.	1.3	7
161	A Memetic Approach for the Max-Cut Problem. Lecture Notes in Computer Science, 2012, , 297-306.	1.3	7
162	A study of two evolutionary/tabu search approaches for the generalized max-mean dispersion problem. Expert Systems With Applications, 2020, 139, 112856.	7.6	7

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163	A hybrid evolutionary algorithm for finding low conductance of large graphs. Future Generation Computer Systems, 2020, 106, 105-120.	7.5	7
164	A Hybrid Evolutionary Algorithm for the Clique Partitioning Problem. IEEE Transactions on Cybernetics, 2022, 52, 9391-9403.	9.5	7
165	Improving Timetable Quality in Scheduled Transit Networks. Lecture Notes in Computer Science, 2010, , 21-30.	1.3	7
166	Combined neighborhood tabu search for community detection in complex networks. RAIRO - Operations Research, 2016, 50, 269-283.	1.8	6
167	A fast heuristic algorithm for the critical node problem. , 2017, , .		6
168	Minimum sum coloring for large graphs with extraction and backward expansion search. Applied Soft Computing Journal, 2018, 62, 1056-1065.	7.2	6
169	An Iterated Three-Phase Search Approach for Solving the Cyclic Bandwidth Problem. IEEE Access, 2019, 7, 98436-98452.	4.2	6
170	Dynamic thresholding search for minimum vertex cover in massive sparse graphs. Engineering Applications of Artificial Intelligence, 2019, 82, 76-84.	8.1	6
171	Probability learning based tabu search for the budgeted maximum coverage problem. Expert Systems With Applications, 2021, 183, 115310.	7.6	6
172	A Distance-Based Information Preservation Tree Crossover for the Maximum Parsimony Problem. Lecture Notes in Computer Science, 2006, , 761-770.	1.3	6
173	A Recombination-Based Tabu Search Algorithm for the Winner Determination Problem. Lecture Notes in Computer Science, 2014, , 157-167.	1.3	6
174	A Study of Evaluation Functions for the Graph K-Coloring Problem. Lecture Notes in Computer Science, 2008, , 124-135.	1.3	6
175	Transit Network Re-timetabling and Vehicle Scheduling. Communications in Computer and Information Science, 2008, , 135-144.	0.5	6
176	A Study of Memetic Search with Multi-parent Combination for UBQP. Lecture Notes in Computer Science, 2010, , 154-165.	1.3	6
177	Effective Variable Fixing and Scoring Strategies for Binary Quadratic Programming. Lecture Notes in Computer Science, 2011, , 72-83.	1.3	6
178	A Multilevel Algorithm for Large Unconstrained Binary Quadratic Optimization. Lecture Notes in Computer Science, 2012, , 395-408.	1.3	6
179	Computing maximum k-defective cliques in massive graphs. Computers and Operations Research, 2021, 127, 105131.	4.0	5
180	A threshold search based memetic algorithm for the disjunctively constrained knapsack problem. Computers and Operations Research, 2021, 136, 105447.	4.0	5

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181	An Analysis of Solution Properties of the Graph Coloring Problem. Applied Optimization, 2003, , 325-345.	0.4	5
182	Hybrid Filter-Wrapper with a Specialized Random Multi-Parent Crossover Operator for Gene Selection and Classification Problems. Lecture Notes in Computer Science, 2012, , 453-461.	1.3	5
183	Multi-neighborhood simulated annealing for personalized user project planning. Applied Soft Computing Journal, 2022, 119, 108566.	7.2	5
184	An effective hybrid search algorithm for the multiple traveling repairman problem with profits. European Journal of Operational Research, 2023, 304, 381-394.	5.7	5
185	Spacing memetic algorithms. , 2011, , .		4
186	f-Flip strategies for unconstrained binary quadratic programming. Annals of Operations Research, 2016, 238, 651-657.	4.1	4
187	A solution-driven multilevel approach for graph coloring. Applied Soft Computing Journal, 2021, 104, 107174.	7.2	4
188	INFORMED REACTIVE TABU SEARCH FOR GRAPH COLORING. Asia-Pacific Journal of Operational Research, 2013, 30, 1350010.	1.3	3
189	Path relinking for the vertex separator problem. Expert Systems With Applications, 2017, 82, 332-343.	7.6	3
190	Neighborhood decomposition-driven variable neighborhood search for capacitated clustering. Computers and Operations Research, 2021, , 105362.	4.0	3
191	An effective branch-and-bound algorithm for the maximum $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si8.svg" \rangle \langle \text{mml:mi} \rangle \text{s} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -bundle problem. European Journal of Operational Research, 2022, 297, 27-39.	5.7	3
192	Iterated multilevel simulated annealing for large-scale graph conductance minimization. Information Sciences, 2021, 572, 182-199.	6.9	3
193	A Local Search Approach for Transmembrane Segment and Signal Peptide Discrimination. Lecture Notes in Computer Science, 2010, , 134-145.	1.3	3
194	A Dedicated Genetic Algorithm for Two-Dimensional Non-Guillotine Strip Packing. , 2007, , .		2
195	A Framework for Automatic Composition of RFQ Web Services. , 2007, , .		2
196	On feasible and infeasible search for equitable graph coloring. , 2017, , .		2
197	Multiple phase tabu search for bipartite boolean quadratic programming with partitioned variables. Computers and Operations Research, 2019, 102, 141-149.	4.0	2
198	Lorenz dominance based algorithms to solve a practical multiobjective problem. Computers and Operations Research, 2019, 104, 1-14.	4.0	2

#	ARTICLE	IF	CITATIONS
199	Memetic search for composing medical crews with equity and efficiency. Applied Soft Computing Journal, 2020, 94, 106440.	7.2	2
200	User project planning in social and medico-social sector: Models and solution methods. Expert Systems With Applications, 2021, 173, 114684.	7.6	2
201	A Distributed Hybrid Algorithm for the Graph Coloring Problem. Lecture Notes in Computer Science, 2016, , 205-218.	1.3	2
202	A Study of Crossover Operators for Gene Selection of Microarray Data. , 2007, , 243-254.		2
203	Multi-Neighborhood Search for Discrimination of Signal Peptides and Transmembrane Segments. Lecture Notes in Computer Science, 2011, , 111-122.	1.3	2
204	Position-Guided Tabu Search Algorithm for the Graph Coloring Problem. Lecture Notes in Computer Science, 2009, , 148-162.	1.3	2
205	Iterated backtrack removal search for finding k-vertex-critical subgraphs. Journal of Heuristics, 2019, 25, 565-590.	1.4	2
206	Solving the clustered traveling salesman problem <i>via</i> traveling salesman problem methods. PeerJ Computer Science, 0, 8, e972.	4.5	2
207	In silico evaluation of the influence of the translocon on partitioning of membrane segments. BMC Bioinformatics, 2014, 15, 156.	2.6	1
208	Distance-guided local search. Journal of Heuristics, 2020, 26, 711-741.	1.4	1
209	A Reinforced Tabu Search Approach for 2D Strip Packing. International Journal of Applied Metaheuristic Computing, 2010, 1, 20-36.	0.7	1
210	A Study of Recombination Operators for the Cyclic Bandwidth Problem. Lecture Notes in Computer Science, 2020, , 177-191.	1.3	1
211	A Heuristic Solution for a Driver-Vehicle Scheduling Problem. , 2006, , 703-708.		1
212	Clustering Driven Iterated Hybrid Search for Vertex Bisection Minimization. IEEE Transactions on Computers, 2021, , 1-1.	3.4	1
213	Algorithmes hybrides gÃ©nÃ©riques pour la rÃ©solution de problÃ©mes de satisfaction de contraintes. RAIRO - Operations Research, 2005, 39, 87-103.	1.8	0
214	Dual Probability Learning Based Local Search for the Task Assignment Problem. IEEE Transactions on Automation Science and Engineering, 2022, 19, 332-347.	5.2	0
215	MÃ©taheuristiques pour la classification de bouchons naturels en liÃ©ge. Revue D'Intelligence Artificielle, 2002, 16, 785-806.	0.6	0
216	A Comparison of Memetic Recombination Operators for the MinLA Problem. Lecture Notes in Computer Science, 2005, , 613-622.	1.3	0

#	ARTICLE	IF	CITATIONS
217	Sports League Scheduling: Enumerative Search for Prob026 from CSPLib. Lecture Notes in Computer Science, 2006, , 716-720.	1.3	0
218	Tabu Search with Consistent Neighbourhood for Strip Packing. Lecture Notes in Computer Science, 2010, , 1-10.	1.3	0
219	A Genetic Algorithm for Scale-Based Translocon Simulation. Lecture Notes in Computer Science, 2012, , 26-37.	1.3	0
220	Hypervolume-Based Multi-Objective Path Relinking Algorithm. Lecture Notes in Computer Science, 2013, , 185-199.	1.3	0
221	Intensification-driven local search for the traveling repairman problem with profits. Expert Systems With Applications, 2022, 202, 117072.	7.6	0