

Jin-Kao Hao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

225
papers

5,244
citations

39
h-index

62
g-index

232
ext. papers

6,255
ext. citations

4.5
avg, IF

6.45
L-index

#	Paper	IF	Citations
225	Multi-neighborhood simulated annealing for personalized user project planning. <i>Applied Soft Computing Journal</i> , 2022 , 108566	7.5	0
224	Hybrid search with neighborhood reduction for the multiple traveling salesman problem. <i>Computers and Operations Research</i> , 2022 , 142, 105726	4.6	1
223	A hybrid evolutionary search for the generalized quadratic multiple knapsack problem. <i>European Journal of Operational Research</i> , 2022 , 296, 788-803	5.6	3
222	On Monte Carlo Tree Search for Weighted Vertex Coloring. <i>Lecture Notes in Computer Science</i> , 2022 , 1-16	0.9	1
221	Intensification-driven local search for the traveling repairman problem with profits. <i>Expert Systems With Applications</i> , 2022 , 202, 117072	7.8	
220	Metaheuristic Algorithms 2022 , 241-259		
219	Learning-driven feasible and infeasible tabu search for airport gate assignment. <i>European Journal of Operational Research</i> , 2021 ,	5.6	1
218	Clustering Driven Iterated Hybrid Search for Vertex Bisection Minimization. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	1
217	Parallel iterative solution-based tabu search for the obnoxious p-median problem. <i>Computers and Operations Research</i> , 2021 , 127, 105155	4.6	2
216	Neighborhood decomposition-driven variable neighborhood search for capacitated clustering. <i>Computers and Operations Research</i> , 2021 , 105362	4.6	1
215	A solution-driven multilevel approach for graph coloring. <i>Applied Soft Computing Journal</i> , 2021 , 104, 107174	7.5	0
214	Multistart solution-based tabu search for the Set-Union Knapsack Problem. <i>Applied Soft Computing Journal</i> , 2021 , 105, 107260	7.5	5
213	User project planning in social and medico-social sector: Models and solution methods. <i>Expert Systems With Applications</i> , 2021 , 173, 114684	7.8	1
212	Kernel based tabu search for the Set-union Knapsack Problem. <i>Expert Systems With Applications</i> , 2021 , 165, 113802	7.8	4
211	Population-based gradient descent weight learning for graph coloring problems. <i>Knowledge-Based Systems</i> , 2021 , 212, 106581	7.3	2
210	Iterated two-phase local search for the colored traveling salesmen problem. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 97, 104018	7.2	6
209	Neighborhood decomposition based variable neighborhood search and tabu search for maximally diverse grouping. <i>European Journal of Operational Research</i> , 2021 , 289, 1067-1086	5.6	6

208	Computing maximum k-defective cliques in massive graphs. <i>Computers and Operations Research</i> , 2021 , 127, 105131	4.6	1
207	A Hybrid Evolutionary Algorithm for the Clique Partitioning Problem. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
206	Variable Population Memetic Search: A Case Study on the Critical Node Problem. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 25, 187-200	15.6	5
205	Responsive threshold search based memetic algorithm for balanced minimum sum-of-squares clustering. <i>Information Sciences</i> , 2021 , 569, 184-204	7.7	2
204	Iterated multilevel simulated annealing for large-scale graph conductance minimization. <i>Information Sciences</i> , 2021 , 572, 182-199	7.7	1
203	Grouping memetic search for the colored traveling salesmen problem. <i>Information Sciences</i> , 2021 , 570, 689-707	7.7	2
202	Iterated dynamic thresholding search for packing equal circles into a circular container. <i>European Journal of Operational Research</i> , 2021 , 299, 137-137	5.6	1
201	Probability learning based tabu search for the budgeted maximum coverage problem. <i>Expert Systems With Applications</i> , 2021 , 183, 115310	7.8	1
200	A threshold search based memetic algorithm for the disjunctively constrained knapsack problem. <i>Computers and Operations Research</i> , 2021 , 136, 105447	4.6	1
199	Distance-guided local search. <i>Journal of Heuristics</i> , 2020 , 26, 711-741	1.9	1
198	Memetic search for composing medical crews with equity and efficiency. <i>Applied Soft Computing Journal</i> , 2020 , 94, 106440	7.5	1
197	The Time-dependent Electric Vehicle Routing Problem: Model and solution. <i>Expert Systems With Applications</i> , 2020 , 161, 113593	7.8	22
196	Diversity-preserving quantum particle swarm optimization for the multidimensional knapsack problem. <i>Expert Systems With Applications</i> , 2020 , 149, 113310	7.8	14
195	General swap-based multiple neighborhood adaptive search for the maximum balanced biclique problem. <i>Computers and Operations Research</i> , 2020 , 119, 104922	4.6	5
194	Frequent Pattern-Based Search: A Case Study on the Quadratic Assignment Problem. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	4
193	A Study of Recombination Operators for the Cyclic Bandwidth Problem. <i>Lecture Notes in Computer Science</i> , 2020 , 177-191	0.9	
192	Meta-heuristics and Artificial Intelligence 2020 , 27-52		2
191	A hybrid evolutionary algorithm for finding low conductance of large graphs. <i>Future Generation Computer Systems</i> , 2020 , 106, 105-120	7.5	4

190	Memetic search for the equitable coloring problem. <i>Knowledge-Based Systems</i> , 2020 , 188, 105000	7.3	6
189	A new iterated local search algorithm for the cyclic bandwidth problem. <i>Knowledge-Based Systems</i> , 2020 , 203, 106136	7.3	5
188	Dual Probability Learning Based Local Search for the Task Assignment Problem. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 1-16	4.9	
187	A study of two evolutionary/tabu search approaches for the generalized max-mean dispersion problem. <i>Expert Systems With Applications</i> , 2020 , 139, 112856	7.8	6
186	Stagnation-aware breakout tabu search for the minimum conductance graph partitioning problem. <i>Computers and Operations Research</i> , 2019 , 111, 43-57	4.6	6
185	Hybrid evolutionary search for the traveling repairman problem with profits. <i>Information Sciences</i> , 2019 , 502, 91-108	7.7	17
184	Solving the Latin Square Completion Problem by Memetic Graph Coloring. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 1015-1028	15.6	7
183	Dynamic thresholding search for minimum vertex cover in massive sparse graphs. <i>Engineering Applications of Artificial Intelligence</i> , 2019 , 82, 76-84	7.2	3
182	Diversification-based learning in computing and optimization. <i>Journal of Heuristics</i> , 2019 , 25, 521-537	1.9	5
181	Memetic Search for Identifying Critical Nodes in Sparse Graphs. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3699-3712	10.2	28
180	An Iterated Three-Phase Search Approach for Solving the Cyclic Bandwidth Problem. <i>IEEE Access</i> , 2019 , 7, 98436-98452	3.5	3
179	Iterated two-phase local search for the Set-Union Knapsack Problem. <i>Future Generation Computer Systems</i> , 2019 , 101, 1005-1017	7.5	15
178	Iterated backtrack removal search for finding k-vertex-critical subgraphs. <i>Journal of Heuristics</i> , 2019 , 25, 565-590	1.9	1
177	Heuristic search to the capacitated clustering problem. <i>European Journal of Operational Research</i> , 2019 , 273, 464-487	5.6	19
176	Intensification-driven tabu search for the minimum differential dispersion problem. <i>Knowledge-Based Systems</i> , 2019 , 167, 68-86	7.3	6
175	Multiple phase tabu search for bipartite boolean quadratic programming with partitioned variables. <i>Computers and Operations Research</i> , 2019 , 102, 141-149	4.6	0
174	Tabu search with graph reduction for finding maximum balanced bicliques in bipartite graphs. <i>Engineering Applications of Artificial Intelligence</i> , 2019 , 77, 86-97	7.2	5
173	Lorenz dominance based algorithms to solve a practical multiobjective problem. <i>Computers and Operations Research</i> , 2019 , 104, 1-14	4.6	2

172	Two-stage solution-based tabu search for the multidemand multidimensional knapsack problem. <i>European Journal of Operational Research</i> , 2019 , 274, 35-48	5.6	21
171	Solution-based tabu search for the maximum min-sum dispersion problem. <i>Information Sciences</i> , 2018 , 441, 79-94	7.7	15
170	Improving probability learning based local search for graph coloring. <i>Applied Soft Computing Journal</i> , 2018 , 65, 542-553	7.5	23
169	A two-phase tabu-evolutionary algorithm for the 0/1 multidimensional knapsack problem. <i>Information Sciences</i> , 2018 , 436-437, 282-301	7.7	29
168	Tabu search with feasible and infeasible searches for equitable coloring. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 71, 1-14	7.2	10
167	Two phased hybrid local search for the periodic capacitated arc routing problem. <i>European Journal of Operational Research</i> , 2018 , 264, 55-65	5.6	12
166	Minimum sum coloring for large graphs with extraction and backward expansion search. <i>Applied Soft Computing Journal</i> , 2018 , 62, 1056-1065	7.5	5
165	Adaptive feasible and infeasible tabu search for weighted vertex coloring. <i>Information Sciences</i> , 2018 , 466, 203-219	7.7	17
164	Towards effective exact methods for the Maximum Balanced Biclique Problem in bipartite graphs. <i>European Journal of Operational Research</i> , 2018 , 269, 834-843	5.6	7
163	Algorithms for the minimum sum coloring problem: a review. <i>Artificial Intelligence Review</i> , 2017 , 47, 367-394	5.7	20
162	Opposition-Based Memetic Search for the Maximum Diversity Problem. <i>IEEE Transactions on Evolutionary Computation</i> , 2017 , 21, 731-745	15.6	38
161	An iterated local search algorithm for the minimum differential dispersion problem. <i>Knowledge-Based Systems</i> , 2017 , 125, 26-38	7.3	11
160	Knowledge-guided local search for the prize-collecting Steiner tree problem in graphs. <i>Knowledge-Based Systems</i> , 2017 , 128, 78-92	7.3	9
159	Frequency-driven tabu search for the maximum s-plex problem. <i>Computers and Operations Research</i> , 2017 , 86, 65-78	4.6	8
158	An effective iterated tabu search for the maximum bisection problem. <i>Computers and Operations Research</i> , 2017 , 81, 78-89	4.6	15
157	On feasible and infeasible search for equitable graph coloring 2017 ,		1
156	A fast heuristic algorithm for the critical node problem 2017 ,		5
155	Swap-vertex based neighborhood for Steiner tree problems. <i>Mathematical Programming Computation</i> , 2017 , 9, 297-320	7.8	8

154	Path relinking for the vertex separator problem. <i>Expert Systems With Applications</i> , 2017 , 82, 332-343	7.8	3
153	R 2-IBMOLS applied to a practical case of the multiobjective knapsack problem. <i>Expert Systems With Applications</i> , 2017 , 71, 457-468	7.8	9
152	An iterated Hyperplane exploration approach for the quadratic knapsack problem. <i>Computers and Operations Research</i> , 2017 , 77, 226-239	4.6	13
151	PUSH: A generalized operator for the Maximum Vertex Weight Clique Problem. <i>European Journal of Operational Research</i> , 2017 , 257, 41-54	5.6	16
150	A multiple search operator heuristic for the max-k-cut problem. <i>Annals of Operations Research</i> , 2017 , 248, 365-403	3.2	12
149	Reinforcement learning based local search for grouping problems: A case study on graph coloring. <i>Expert Systems With Applications</i> , 2016 , 64, 412-422	7.8	33
148	Combined neighborhood tabu search for community detection in complex networks. <i>RAIRO - Operations Research</i> , 2016 , 50, 269-283	2.2	4
147	A three-phased local search approach for the clique partitioning problem. <i>Journal of Combinatorial Optimization</i> , 2016 , 32, 469-491	0.9	10
146	Iterated maxima search for the maximally diverse grouping problem. <i>European Journal of Operational Research</i> , 2016 , 254, 780-800	5.6	15
145	Solving the maximum vertex weight clique problem via binary quadratic programming. <i>Journal of Combinatorial Optimization</i> , 2016 , 32, 531-549	0.9	12
144	f-Flip strategies for unconstrained binary quadratic programming. <i>Annals of Operations Research</i> , 2016 , 238, 651-657	3.2	3
143	A clique-based exact method for optimal winner determination in combinatorial auctions. <i>Information Sciences</i> , 2016 , 334-335, 103-121	7.7	16
142	Hybrid evolutionary search for the minimum sum coloring problem of graphs. <i>Information Sciences</i> , 2016 , 352-353, 15-34	7.7	25
141	A tabu search based memetic algorithm for the max-mean dispersion problem. <i>Computers and Operations Research</i> , 2016 , 72, 118-127	4.6	25
140	A hybrid metaheuristic approach for the capacitated arc routing problem. <i>European Journal of Operational Research</i> , 2016 , 253, 25-39	5.6	39
139	The bi-objective quadratic multiple knapsack problem: Model and heuristics. <i>Knowledge-Based Systems</i> , 2016 , 97, 89-100	7.3	13
138	An evolutionary path relinking approach for the quadratic multiple knapsack problem. <i>Knowledge-Based Systems</i> , 2016 , 92, 23-34	7.3	21
137	A Distributed Hybrid Algorithm for the Graph Coloring Problem. <i>Lecture Notes in Computer Science</i> , 2016 , 205-218	0.9	1

136	A learning-based path relinking algorithm for the bandwidth coloring problem. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 52, 81-91	7.2	8
135	. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 908-923	15.6	23
134	Iterated variable neighborhood search for the capacitated clustering problem. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 56, 102-120	7.2	16
133	Dynamic Programming Driven Memetic Search for the Steiner Tree Problem with Revenues, Budget, and Hop Constraints. <i>INFORMS Journal on Computing</i> , 2015 , 27, 221-237	2.4	8
132	Iterated responsive threshold search for the quadratic multiple knapsack problem. <i>Annals of Operations Research</i> , 2015 , 226, 101-131	3.2	26
131	Path relinking for the fixed spectrum frequency assignment problem. <i>Expert Systems With Applications</i> , 2015 , 42, 4755-4767	7.8	17
130	Conditional mutual inclusive information enables accurate quantification of associations in gene regulatory networks. <i>Nucleic Acids Research</i> , 2015 , 43, e31	20.1	90
129	A three-phase search approach for the quadratic minimum spanning tree problem. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 46, 113-130	7.2	11
128	A multi-agent based optimization method applied to the quadratic assignment problem. <i>Expert Systems With Applications</i> , 2015 , 42, 9252-9262	7.8	15
127	Backtracking based iterated tabu search for equitable coloring. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 46, 269-278	7.2	10
126	Identifying cancer-related microRNAs based on gene expression data. <i>Bioinformatics</i> , 2015 , 31, 1226-34	7.2	66
125	A review on algorithms for maximum clique problems. <i>European Journal of Operational Research</i> , 2015 , 242, 693-709	5.6	148
124	Solving the winner determination problem via a weighted maximum clique heuristic. <i>Expert Systems With Applications</i> , 2015 , 42, 355-365	7.8	27
123	General swap-based multiple neighborhood tabu search for the maximum independent set problem. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 37, 20-33	7.2	30
122	Memetic search for the quadratic assignment problem. <i>Expert Systems With Applications</i> , 2015 , 42, 584-598	7.2	69
121	Experiments on Local Search for Bi-objective Unconstrained Binary Quadratic Programming. <i>Lecture Notes in Computer Science</i> , 2015 , 171-186	0.9	9
120	Effective Learning-Based Hybrid Search for Bandwidth Coloring. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 624-635	7.3	6
119	A memetic algorithm for the Minimum Sum Coloring Problem. <i>Computers and Operations Research</i> , 2014 , 43, 318-327	4.6	28

118	A hybrid metaheuristic for multiobjective unconstrained binary quadratic programming. <i>Applied Soft Computing Journal</i> , 2014 , 16, 10-19	7.5	28
117	A memetic algorithm for discovering negative correlation biclusters of DNA microarray data. <i>Neurocomputing</i> , 2014 , 145, 14-22	5.4	13
116	The unconstrained binary quadratic programming problem: a survey. <i>Journal of Combinatorial Optimization</i> , 2014 , 28, 58-81	0.9	129
115	In silico evaluation of the influence of the translocon on partitioning of membrane segments. <i>BMC Bioinformatics</i> , 2014 , 15, 156	3.6	1
114	A tabu search based memetic algorithm for the maximum diversity problem. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 27, 103-114	7.2	33
113	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	5.6	18
112	A reduce and solve approach for the multiple-choice multidimensional knapsack problem. <i>European Journal of Operational Research</i> , 2014 , 239, 313-322	5.6	25
111	Improving the Louvain Algorithm for Community Detection with Modularity Maximization. <i>Lecture Notes in Computer Science</i> , 2014 , 145-156	0.9	7
110	A Recombination-Based Tabu Search Algorithm for the Winner Determination Problem. <i>Lecture Notes in Computer Science</i> , 2014 , 157-167	0.9	3
109	An adaptive multistart tabu search approach to solve the maximum clique problem. <i>Journal of Combinatorial Optimization</i> , 2013 , 26, 86-108	0.9	41
108	Solving bi-objective flow shop problem with hybrid path relinking algorithm. <i>Applied Soft Computing Journal</i> , 2013 , 13, 4118-4132	7.5	10
107	Backbone guided tabu search for solving the UBQP problem. <i>Journal of Heuristics</i> , 2013 , 19, 679-695	1.9	20
106	Solving large scale Max Cut problems via tabu search. <i>Journal of Heuristics</i> , 2013 , 19, 565-571	1.9	41
105	A hybrid metaheuristic method for the Maximum Diversity Problem. <i>European Journal of Operational Research</i> , 2013 , 231, 452-464	5.6	27
104	Probabilistic GRASP-Tabu Search algorithms for the UBQP problem. <i>Computers and Operations Research</i> , 2013 , 40, 3100-3107	4.6	33
103	NARROMI: a noise and redundancy reduction technique improves accuracy of gene regulatory network inference. <i>Bioinformatics</i> , 2013 , 29, 106-13	7.2	99
102	Hybrid Metaheuristics for the Graph Partitioning Problem. <i>Studies in Computational Intelligence</i> , 2013 , 157-185	0.8	7
101	A Study of Adaptive Perturbation Strategy for Iterated Local Search. <i>Lecture Notes in Computer Science</i> , 2013 , 61-72	0.9	2

100	Breakout Local Search for the Max-Cutproblem. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 1162-1173	7.2	60
99	Memetic search for the max-bisection problem. <i>Computers and Operations Research</i> , 2013 , 40, 166-179	4.6	27
98	Breakout Local Search for maximum clique problems. <i>Computers and Operations Research</i> , 2013 , 40, 192-206	4.6	53
97	Breakout local search for the quadratic assignment problem. <i>Applied Mathematics and Computation</i> , 2013 , 219, 4800-4815	2.7	70
96	INFORMED REACTIVE TABU SEARCH FOR GRAPH COLORING. <i>Asia-Pacific Journal of Operational Research</i> , 2013 , 30, 1350010	0.8	2
95	AN EXTRACTION AND EXPANSION APPROACH FOR GRAPH COLORING. <i>Asia-Pacific Journal of Operational Research</i> , 2013 , 30, 1350018	0.8	10
94	Survey on Biclustering of Gene Expression Data 2013 , 591-608		13
93	Recent Advances in Graph Vertex Coloring. <i>Intelligent Systems Reference Library</i> , 2013 , 505-528	0.8	23
92	Hypervolume-Based Multi-Objective Path Relinking Algorithm. <i>Lecture Notes in Computer Science</i> , 2013 , 185-199	0.9	
91	An effective heuristic algorithm for sum coloring of graphs. <i>Computers and Operations Research</i> , 2012 , 39, 1593-1600	4.6	22
90	Adaptive neighborhood search for nurse rostering. <i>European Journal of Operational Research</i> , 2012 , 218, 865-876	5.6	51
89	Pattern-driven neighborhood search for biclustering of microarray data. <i>BMC Bioinformatics</i> , 2012 , 13 Suppl 7, S11	3.6	17
88	BicFinder: a biclustering algorithm for microarray data analysis. <i>Knowledge and Information Systems</i> , 2012 , 30, 341-358	2.4	29
87	Memetic Algorithms in Discrete Optimization. <i>Studies in Computational Intelligence</i> , 2012 , 73-94	0.8	37
86	Hypervolume-based multi-objective local search. <i>Neural Computing and Applications</i> , 2012 , 21, 1917-1929	4.8	27
85	Adaptive memory-based local search for MAX-SAT. <i>Applied Soft Computing Journal</i> , 2012 , 12, 2063-2071	7.5	8
84	Identifying dysregulated pathways in cancers from pathway interaction networks. <i>BMC Bioinformatics</i> , 2012 , 13, 126	3.6	93
83	Improving the extraction and expansion method for large graph coloring. <i>Discrete Applied Mathematics</i> , 2012 , 160, 2397-2407	1	17

82	Path relinking for unconstrained binary quadratic programming. <i>European Journal of Operational Research</i> , 2012 , 223, 595-604	5.6	62
81	A Study of Breakout Local Search for the Minimum Sum Coloring Problem. <i>Lecture Notes in Computer Science</i> , 2012 , 128-137	0.9	11
80	Coloring large graphs based on independent set extraction. <i>Computers and Operations Research</i> , 2012 , 39, 283-290	4.6	37
79	Inferring gene regulatory networks from gene expression data by path consistency algorithm based on conditional mutual information. <i>Bioinformatics</i> , 2012 , 28, 98-104	7.2	195
78	Multi-neighborhood tabu search for the maximum weight clique problem. <i>Annals of Operations Research</i> , 2012 , 196, 611-634	3.2	55
77	A Memetic Approach for the Max-Cut Problem. <i>Lecture Notes in Computer Science</i> , 2012 , 297-306	0.9	4
76	A Memetic Algorithm for Community Detection in Complex Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 327-336	0.9	20
75	Hybrid Filter-Wrapper with a Specialized Random Multi-Parent Crossover Operator for Gene Selection and Classification Problems. <i>Lecture Notes in Computer Science</i> , 2012 , 453-461	0.9	4
74	A Multilevel Algorithm for Large Unconstrained Binary Quadratic Optimization. <i>Lecture Notes in Computer Science</i> , 2012 , 395-408	0.9	3
73	A Genetic Algorithm for Scale-Based Translocon Simulation. <i>Lecture Notes in Computer Science</i> , 2012 , 26-37	0.9	
72	A Multilevel Memetic Approach for Improving Graph k-Partitions. <i>IEEE Transactions on Evolutionary Computation</i> , 2011 , 15, 624-642	15.6	69
71	Neighborhood analysis: a case study on curriculum-based course timetabling. <i>Journal of Heuristics</i> , 2011 , 17, 97-118	1.9	50
70	Genetic Tabu search for robust fixed channel assignment under dynamic traffic data. <i>Computational Optimization and Applications</i> , 2011 , 50, 483-506	1.4	8
69	The case for strategic oscillation. <i>Annals of Operations Research</i> , 2011 , 183, 163-173	3.2	45
68	A simple and effective algorithm for the MaxMin diversity problem. <i>Annals of Operations Research</i> , 2011 , 186, 275-293	3.2	20
67	An effective multilevel tabu search approach for balanced graph partitioning. <i>Computers and Operations Research</i> , 2011 , 38, 1066-1075	4.6	39
66	Lower bounds for the ITC-2007 curriculum-based course timetabling problem. <i>European Journal of Operational Research</i> , 2011 , 212, 464-472	5.6	17
65	Spacing memetic algorithms 2011 ,		3

64	Effective Variable Fixing and Scoring Strategies for Binary Quadratic Programming. <i>Lecture Notes in Computer Science</i> , 2011 , 72-83	0.9	5
63	Multi-Neighborhood Search for Discrimination of Signal Peptides and Transmembrane Segments. <i>Lecture Notes in Computer Science</i> , 2011 , 111-122	0.9	2
62	Advances in metaheuristics for gene selection and classification of microarray data. <i>Briefings in Bioinformatics</i> , 2010 , 11, 127-41	13.4	48
61	Iterated Local Search for Biclustering of Microarray Data. <i>Lecture Notes in Computer Science</i> , 2010 , 219-229		6
60	Heuristic Methods for Phylogenetic Reconstruction with Maximum Parsimony 2010 , 579-597		1
59	An Effective Multilevel Memetic Algorithm for Balanced Graph Partitioning 2010 ,		5
58	Efficient evaluations for solving large 0-1 unconstrained quadratic optimisation problems. <i>International Journal of Metaheuristics</i> , 2010 , 1, 3	0.8	30
57	A search space cartography for guiding graph coloring heuristics. <i>Computers and Operations Research</i> , 2010 , 37, 769-778	4.6	38
56	Diversification-driven tabu search for unconstrained binary quadratic problems. <i>4or</i> , 2010 , 8, 239-253	1.4	46
55	A hybrid LDA and genetic algorithm for gene selection and classification of microarray data. <i>Neurocomputing</i> , 2010 , 73, 2375-2383	5.4	39
54	Adaptive Tabu Search for course timetabling. <i>European Journal of Operational Research</i> , 2010 , 200, 235-244	5.4	135
53	Transit network timetabling and vehicle assignment for regulating authorities. <i>Computers and Industrial Engineering</i> , 2010 , 59, 16-23	6.4	43
52	An evolutionary approach with diversity guarantee and well-informed grouping recombination for graph coloring. <i>Computers and Operations Research</i> , 2010 , 37, 1822-1832	4.6	66
51	A memetic algorithm for graph coloring. <i>European Journal of Operational Research</i> , 2010 , 203, 241-250	5.6	143
50	A hybrid metaheuristic approach to solving the UBQP problem. <i>European Journal of Operational Research</i> , 2010 , 207, 1254-1262	5.6	62
49	A Reinforced Tabu Search Approach for 2D Strip Packing. <i>International Journal of Applied Metaheuristic Computing</i> , 2010 , 1, 20-36	0.8	1
48	A Study of Memetic Search with Multi-parent Combination for UBQP. <i>Lecture Notes in Computer Science</i> , 2010 , 154-165	0.9	5
47	A Local Search Approach for Transmembrane Segment and Signal Peptide Discrimination. <i>Lecture Notes in Computer Science</i> , 2010 , 134-145	0.9	3

46	Improving Timetable Quality in Scheduled Transit Networks. <i>Lecture Notes in Computer Science</i> , 2010 , 21-30	0.9	7
45	A Study of Multi-parent Crossover Operators in a Memetic Algorithm 2010 , 556-565		6
44	Tabu Search with Consistent Neighbourhood for Strip Packing. <i>Lecture Notes in Computer Science</i> , 2010 , 1-10	0.9	
43	A memetic algorithm for gene selection and molecular classification of cancer 2009 ,		28
42	Iterated local search for the multiple depot vehicle scheduling problem. <i>Computers and Industrial Engineering</i> , 2009 , 57, 277-286	6.4	35
41	A biclustering algorithm based on a bicluster enumeration tree: application to DNA microarray data. <i>BioData Mining</i> , 2009 , 2, 9	4.3	41
40	Diversity Control and Multi-Parent Recombination for Evolutionary Graph Coloring Algorithms. <i>Lecture Notes in Computer Science</i> , 2009 , 121-132	0.9	9
39	A Critical Element-Guided Perturbation Strategy for Iterated Local Search. <i>Lecture Notes in Computer Science</i> , 2009 , 1-12	0.9	3
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