# 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 | 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 |
| 2 | 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 |
| 3 | A Hybrid Evolutionary Algorithm for the Clique Partitioning Problem. IEEE Transactions on Cybernetics, 2022, 52, 9391-9403. | 9.5 | 7 |
| 4 | An effective branch-and-bound algorithm for the maximum <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si8.svg"><mml:mi>s</mml:mi></mml:math>-bundle problem. European Journal of Operational Research, 2022, 297, 27-39. | 5.7 | 3 |
| 5 | Iterated dynamic thresholding search for packing equal circles into a circular container. European Journal of Operational Research, 2022, 299, 137-153. | 5.7 | 14 |
| 6 | A hybrid evolutionary search for the generalized quadratic multiple knapsack problem. European Journal of Operational Research, 2022, 296, 788-803. | 5.7 | 9 |
| 7 | 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 |
| 8 | Multi-neighborhood simulated annealing for personalized user project planning. Applied Soft Computing Journal, 2022, 119, 108566. | 7.2 | 5 |
| 9 | Hybrid search with neighborhood reduction for the multiple traveling salesman problem. Computers and Operations Research, 2022, 142, 105726. | 4.0 | 14 |
| 10 | Learning-driven feasible and infeasible tabu search for airport gate assignment. European Journal of Operational Research, 2022, 302, 172-186. | 5.7 | 15 |
| 11 | Intensification-driven local search for the traveling repairman problem with profits. Expert Systems With Applications, 2022, 202, 117072. | 7.6 | 0 |
| 12 | Kernel based tabu search for the Set-union Knapsack Problem. Expert Systems With Applications, 2021, 165, 113802. | 7.6 | 13 |
| 13 | Population-based gradient descent weight learning for graph coloring problems. Knowledge-Based Systems, 2021, 212, 106581. | 7.1 | 9 |
| 14 | Iterated two-phase local search for the colored traveling salesmen problem. Engineering Applications of Artificial Intelligence, 2021, 97, 104018. | 8.1 | 14 |
| 15 | 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 |
| 16 | Computing maximum k-defective cliques in massive graphs. Computers and Operations Research, 2021, 127, 105131. | 4.0 | 5 |
| 17 | Variable Population Memetic Search: A Case Study on the Critical Node Problem. IEEE Transactions on Evolutionary Computation, 2021, 25, 187-200. | 10.0 | 22 |
| 18 | Parallel iterative solution-based tabu search for the obnoxious p-median problem. Computers and Operations Research, 2021, 127, 105155. | 4.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Neighborhood decomposition-driven variable neighborhood search for capacitated clustering. Computers and Operations Research, 2021, , 105362. | 4.0 | 3 |
| 20 | A solution-driven multilevel approach for graph coloring. Applied Soft Computing Journal, 2021, 104, 107174. | 7.2 | 4 |
| 21 | Multistart solution-based tabu search for the Set-Union Knapsack Problem. Applied Soft Computing Journal, 2021, 105, 107260. | 7.2 | 16 |
| 22 | User project planning in social and medico-social sector: Models and solution methods. Expert Systems With Applications, 2021, 173, 114684. | 7.6 | 2 |
| 23 | Responsive threshold search based memetic algorithm for balanced minimum sum-of-squares clustering. Information Sciences, 2021, 569, 184-204. | 6.9 | 9 |
| 24 | Iterated multilevel simulated annealing for large-scale graph conductance minimization. Information Sciences, 2021, 572, 182-199. | 6.9 | 3 |
| 25 | Grouping memetic search for the colored traveling salesmen problem. Information Sciences, 2021, 570, 689-707. | 6.9 | 15 |
| 26 | Probability learning based tabu search for the budgeted maximum coverage problem. Expert Systems With Applications, 2021, 183, 115310. | 7.6 | 6 |
| 27 | A threshold search based memetic algorithm for the disjunctively constrained knapsack problem. Computers and Operations Research, 2021, 136, 105447. | 4.0 | 5 |
| 28 | Clustering Driven Iterated Hybrid Search for Vertex Bisection Minimization. IEEE Transactions on Computers, 2021, , 1-1. | 3.4 | 1 |
| 29 | 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 |
| 30 | A hybrid evolutionary algorithm for finding low conductance of large graphs. Future Generation Computer Systems, 2020, 106, 105-120. | 7.5 | 7 |
| 31 | Memetic search for the equitable coloring problem. Knowledge-Based Systems, 2020, 188, 105000. | 7.1 | 8 |
| 32 | A new iterated local search algorithm for the cyclic bandwidth problem. Knowledge-Based Systems, 2020, 203, 106136. | 7.1 | 9 |
| 33 | Distance-guided local search. Journal of Heuristics, 2020, 26, 711-741. | 1.4 | 1 |
| 34 | Memetic search for composing medical crews with equity and efficiency. Applied Soft Computing Journal, 2020, 94, 106440. | 7.2 | 2 |
| 35 | The Time-dependent Electric Vehicle Routing Problem: Model and solution. Expert Systems With Applications, 2020, 161, 113593. | 7.6 | 52 |
| 36 | Diversity-preserving quantum particle swarm optimization for the multidimensional knapsack problem. Expert Systems With Applications, 2020, 149, 113310. | 7.6 | 33 |

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| 37 | General swap-based multiple neighborhood adaptive search for the maximum balanced biclique problem. Computers and Operations Research, 2020, 119, 104922. | 4.0 | 10 |
| 38 | Meta-heuristics and Artificial Intelligence. , 2020, , 27-52. | | 8 |
| 39 | A Study of Recombination Operators for the Cyclic Bandwidth Problem. Lecture Notes in Computer Science, 2020, , 177-191. | 1.3 | 1 |
| 40 | Diversification-based learning in computing and optimization. Journal of Heuristics, 2019, 25, 521-537. | 1.4 | 10 |
| 41 | Memetic Search for Identifying Critical Nodes in Sparse Graphs. IEEE Transactions on Cybernetics, 2019, 49, 3699-3712. | 9.5 | 46 |
| 42 | An Iterated Three-Phase Search Approach for Solving the Cyclic Bandwidth Problem. IEEE Access, 2019, 7, 98436-98452. | 4.2 | 6 |
| 43 | Iterated two-phase local search for the Set-Union Knapsack Problem. Future Generation Computer Systems, 2019, 101, 1005-1017. | 7.5 | 25 |
| 44 | Stagnation-aware breakout tabu search for the minimum conductance graph partitioning problem. Computers and Operations Research, 2019, 111, 43-57. | 4.0 | 10 |
| 45 | Hybrid evolutionary search for the traveling repairman problem with profits. Information Sciences, 2019, 502, 91-108. | 6.9 | 23 |
| 46 | Solving the Latin Square Completion Problem by Memetic Graph Coloring. IEEE Transactions on Evolutionary Computation, 2019, 23, 1015-1028. | 10.0 | 12 |
| 47 | Dynamic thresholding search for minimum vertex cover in massive sparse graphs. Engineering Applications of Artificial Intelligence, 2019, 82, 76-84. | 8.1 | 6 |
| 48 | Heuristic search to the capacitated clustering problem. European Journal of Operational Research, 2019, 273, 464-487. | 5.7 | 22 |
| 49 | Intensification-driven tabu search for the minimum differential dispersion problem. Knowledge-Based Systems, 2019, 167, 68-86. | 7.1 | 11 |
| 50 | Multiple phase tabu search for bipartite boolean quadratic programming with partitioned variables. Computers and Operations Research, 2019, 102, 141-149. | 4.0 | 2 |
| 51 | 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 |
| 52 | Lorenz dominance based algorithms to solve a practical multiobjective problem. Computers and Operations Research, 2019, 104, 1-14. | 4.0 | 2 |
| 53 | Two-stage solution-based tabu search for the multidemand multidimensional knapsack problem. European Journal of Operational Research, 2019, 274, 35-48. | 5.7 | 36 |
| 54 | Iterated backtrack removal search for finding k-vertex-critical subgraphs. Journal of Heuristics, 2019, 25, 565-590. | 1.4 | 2 |

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|---|---|---|---|
| 55 | Solution-based tabu search for the maximum min-sum dispersion problem. Information Sciences, 2018, 441, 79-94. | 6.9 | 29 |
| 56 | Improving probability learning based local search for graph coloring. Applied Soft Computing Journal, 2018, 65, 542-553. | 7.2 | 35 |
| 57 | A two-phase tabu-evolutionary algorithm for the 0â€“1 multidimensional knapsack problem. Information Sciences, 2018, 436-437, 282-301. | 6.9 | 38 |
| 58 | Tabu search with feasible and infeasible searches for equitable coloring. Engineering Applications of Artificial Intelligence, 2018, 71, 1-14. | 8.1 | 13 |
| 59 | Two phased hybrid local search for the periodic capacitated arc routing problem. European Journal of Operational Research, 2018, 264, 55-65. | 5.7 | 15 |
| 60 | Minimum sum coloring for large graphs with extraction and backward expansion search. Applied Soft Computing Journal, 2018, 62, 1056-1065. | 7.2 | 6 |
| 61 | 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 |
| 62 | Adaptive feasible and infeasible tabu search for weighted vertex coloring. Information Sciences, 2018, 466, 203-219. | 6.9 | 26 |
| 63 | Algorithms for the minimum sum coloring problem: a review. Artificial Intelligence Review, 2017, 47, 367-394. | 15.7 | 23 |
| 64 | Opposition-Based Memetic Search for the Maximum Diversity Problem. IEEE Transactions on Evolutionary Computation, 2017, 21, 731-745. | 10.0 | 64 |
| 65 | An iterated local search algorithm for the minimum differential dispersion problem. Knowledge-Based Systems, 2017, 125, 26-38. | 7.1 | 13 |
| 66 | Knowledge-guided local search for the prize-collecting Steiner tree problem in graphs. Knowledge-Based Systems, 2017, 128, 78-92. | 7.1 | 13 |
| 67 | Frequency-driven tabu search for the maximum s-plex problem. Computers and Operations Research, 2017, 86, 65-78. | 4.0 | 17 |
| 68 | An effective iterated tabu search for the maximum bisection problem. Computers and Operations Research, 2017, 81, 78-89. | 4.0 | 21 |
| 69 | On feasible and infeasible search for equitable graph coloring. , 2017, , . | | 2 |
| 70 | A fast heuristic algorithm for the critical node problem. , 2017, , . | | 6 |
| 71 | Swap-vertex based neighborhood for Steiner tree problems. Mathematical Programming Computation, 2017, 9, 297-320. | 4.8 | 9 |
| 72 | Path relinking for the vertex separator problem. Expert Systems With Applications, 2017, 82, 332-343. | 7.6 | 3 |

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| 73 | R 2-IBMOLS applied to a practical case of the multiobjective knapsack problem. Expert Systems With Applications, 2017, 71, 457-468. | 7.6 | 13 |
| 74 | An iterated â€œhyperplane explorationâ€•approach for the quadratic knapsack problem. Computers and Operations Research, 2017, 77, 226-239. | 4.0 | 20 |
| 75 | PUSH: A generalized operator for the Maximum Vertex Weight Clique Problem. European Journal of Operational Research, 2017, 257, 41-54. | 5.7 | 20 |
| 76 | A multiple search operator heuristic for the max-k-cut problem. Annals of Operations Research, 2017, 248, 365-403. | 4.1 | 20 |
| 77 | A learning-based path relinking algorithm for the bandwidth coloring problem. Engineering Applications of Artificial Intelligence, 2016, 52, 81-91. | 8.1 | 10 |
| 78 | Memetic Search for the Generalized Quadratic Multiple Knapsack Problem. IEEE Transactions on Evolutionary Computation, 2016, 20, 908-923. | 10.0 | 29 |
| 79 | Iterated variable neighborhood search for the capacitated clustering problem. Engineering Applications of Artificial Intelligence, 2016, 56, 102-120. | 8.1 | 21 |
| 80 | 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 |
| 81 | Combined neighborhood tabu search for community detection in complex networks. RAIRO - Operations Research, 2016, 50, 269-283. | 1.8 | 6 |
| 82 | A three-phased local search approach for the clique partitioning problem. Journal of Combinatorial Optimization, 2016, 32, 469-491. | 1.3 | 17 |
| 83 | Iterated maxima search for the maximally diverse grouping problem. European Journal of Operational Research, 2016, 254, 780-800. | 5.7 | 23 |
| 84 | Solving the maximum vertex weight clique problem via binary quadratic programming. Journal of Combinatorial Optimization, 2016, 32, 531-549. | 1.3 | 15 |
| 85 | f-Flip strategies for unconstrained binary quadratic programming. Annals of Operations Research, 2016, 238, 651-657. | 4.1 | 4 |
| 86 | A clique-based exact method for optimal winner determination in combinatorial auctions. Information Sciences, 2016, 334-335, 103-121. | 6.9 | 26 |
| 87 | Hybrid evolutionary search for the minimum sum coloring problem of graphs. Information Sciences, 2016, 352-353, 15-34. | 6.9 | 31 |
| 88 | A tabu search based memetic algorithm for the max-mean dispersion problem. Computers and Operations Research, 2016, 72, 118-127. | 4.0 | 28 |
| 89 | A hybrid metaheuristic approach for the capacitated arc routing problem. European Journal of Operational Research, 2016, 253, 25-39. | 5.7 | 52 |
| 90 | The bi-objective quadratic multiple knapsack problem: Model and heuristics. Knowledge-Based Systems, 2016, 97, 89-100. | 7.1 | 15 |

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| 91 | An evolutionary path relinking approach for the quadratic multiple knapsack problem. Knowledge-Based Systems, 2016, 92, 23-34. | 7.1 | 29 |
| 92 | A Distributed Hybrid Algorithm for the Graph Coloring Problem. Lecture Notes in Computer Science, 2016, , 205-218. | 1.3 | 2 |
| 93 | Experiments on Local Search for Bi-objective Unconstrained Binary Quadratic Programming. Lecture Notes in Computer Science, 2015, , 171-186. | 1.3 | 11 |
| 94 | Effective Learning-Based Hybrid Search for Bandwidth Coloring. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 624-635. | 9.3 | 9 |
| 95 | 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 |
| 96 | Iterated responsive threshold search for the quadratic multiple knapsack problem. Annals of Operations Research, 2015, 226, 101-131. | 4.1 | 32 |
| 97 | Path relinking for the fixed spectrum frequency assignment problem. Expert Systems With Applications, 2015, 42, 4755-4767. | 7.6 | 22 |
| 98 | Conditional mutual inclusive information enables accurate quantification of associations in gene regulatory networks. Nucleic Acids Research, 2015, 43, e31-e31. | 14.5 | 119 |
| 99 | A three-phase search approach for the quadratic minimum spanning tree problem. Engineering Applications of Artificial Intelligence, 2015, 46, 113-130. | 8.1 | 17 |
| 100 | A multi-agent based optimization method applied to the quadratic assignment problem. Expert Systems With Applications, 2015, 42, 9252-9262. | 7.6 | 22 |
| 101 | Backtracking based iterated tabu search for equitable coloring. Engineering Applications of Artificial Intelligence, 2015, 46, 269-278. | 8.1 | 10 |
| 102 | Identifying cancer-related microRNAs based on gene expression data. Bioinformatics, 2015, 31, 1226-1234. | 4.1 | 92 |
| 103 | A review on algorithms for maximum clique problems. European Journal of Operational Research, 2015, 242, 693-709. | 5.7 | 212 |
| 104 | Solving the winner determination problem via a weighted maximum clique heuristic. Expert Systems With Applications, 2015, 42, 355-365. | 7.6 | 35 |
| 105 | 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 |
| 106 | Memetic search for the quadratic assignment problem. Expert Systems With Applications, 2015, 42, 584-595. | 7.6 | 81 |
| 107 | A memetic algorithm for the Minimum Sum Coloring Problem. Computers and Operations Research, 2014, 43, 318-327. | 4.0 | 31 |
| 108 | A hybrid metaheuristic for multiobjective unconstrained binary quadratic programming. Applied Soft Computing Journal, 2014, 16, 10-19. | 7.2 | 37 |

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| 109 | A memetic algorithm for discovering negative correlation biclusters of DNA microarray data. Neurocomputing, 2014, 145, 14-22. | 5.9 | 20 |
| 110 | The unconstrained binary quadratic programming problem: a survey. Journal of Combinatorial Optimization, 2014, 28, 58-81. | 1.3 | 251 |
| 111 | In silico evaluation of the influence of the translocon on partitioning of membrane segments. BMC Bioinformatics, 2014, 15, 156. | 2.6 | 1 |
| 112 | A tabu search based memetic algorithm for the maximum diversity problem. Engineering Applications of Artificial Intelligence, 2014, 27, 103-114. | 8.1 | 47 |
| 113 | Breakout local search for the Steiner tree problem with revenue, budget and hop constraints. European Journal of Operational Research, 2014, 232, 209-220. | 5.7 | 21 |
| 114 | A â€œreduce and solveâ€•approach for the multiple-choice multidimensional knapsack problem. European Journal of Operational Research, 2014, 239, 313-322. | 5.7 | 37 |
| 115 | Improving the Louvain Algorithm for Community Detection with Modularity Maximization. Lecture Notes in Computer Science, 2014, , 145-156. | 1.3 | 10 |
| 116 | A Recombination-Based Tabu Search Algorithm for the Winner Determination Problem. Lecture Notes in Computer Science, 2014, , 157-167. | 1.3 | 6 |
| 117 | An adaptive multistart tabu search approach to solve the maximum clique problem. Journal of Combinatorial Optimization, 2013, 26, 86-108. | 1.3 | 50 |
| 118 | Solving bi-objective flow shop problem with hybrid path relinking algorithm. Applied Soft Computing Journal, 2013, 13, 4118-4132. | 7.2 | 15 |
| 119 | Backbone guided tabu search for solving the UBQP problem. Journal of Heuristics, 2013, 19, 679-695. | 1.4 | 25 |
| 120 | Solving large scale Max Cut problems via tabu search. Journal of Heuristics, 2013, 19, 565-571. | 1.4 | 59 |
| 121 | A hybrid metaheuristic method for the Maximum Diversity Problem. European Journal of Operational Research, 2013, 231, 452-464. | 5.7 | 30 |
| 122 | Probabilistic GRASP-Tabu Search algorithms for the UBQP problem. Computers and Operations Research, 2013, 40, 3100-3107. | 4.0 | 41 |
| 123 | NARROMI: a noise and redundancy reduction technique improves accuracy of gene regulatory network inference. Bioinformatics, 2013, 29, 106-113. | 4.1 | 133 |
| 124 | Hybrid Metaheuristics for the Graph Partitioning Problem. Studies in Computational Intelligence, 2013, , 157-185. | 0.9 | 8 |
| 125 | Breakout Local Search for the Max-Cutproblem. Engineering Applications of Artificial Intelligence, 2013, 26, 1162-1173. | 8.1 | 81 |
| 126 | Memetic search for the max-bisection problem. Computers and Operations Research, 2013, 40, 166-179. | 4.0 | 32 |

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| 127 | Breakout Local Search for maximum clique problems. Computers and Operations Research, 2013, 40, 192-206. | 4.0 | 76 |
| 128 | Breakout local search for the quadratic assignment problem. Applied Mathematics and Computation, 2013, 219, 4800-4815. | 2.2 | 87 |
| 129 | INFORMED REACTIVE TABU SEARCH FOR GRAPH COLORING. Asia-Pacific Journal of Operational Research, 2013, 30, 1350010. | 1.3 | 3 |
| 130 | AN EXTRACTION AND EXPANSION APPROACH FOR GRAPH COLORING. Asia-Pacific Journal of Operational Research, 2013, 30, 1350018. | 1.3 | 11 |
| 131 | Recent Advances in Graph Vertex Coloring. Intelligent Systems Reference Library, 2013, , 505-528. | 1.2 | 27 |
| 132 | Hypervolume-Based Multi-Objective Path Relinking Algorithm. Lecture Notes in Computer Science, 2013, , 185-199. | 1.3 | 0 |
| 133 | A Memetic Approach for the Max-Cut Problem. Lecture Notes in Computer Science, 2012, , 297-306. | 1.3 | 7 |
| 134 | A Memetic Algorithm for Community Detection in Complex Networks. Lecture Notes in Computer Science, 2012, , 327-336. | 1.3 | 25 |
| 135 | Memetic Algorithms in Discrete Optimization. Studies in Computational Intelligence, 2012, , 73-94. | 0.9 | 46 |
| 136 | Hypervolume-based multi-objective local search. Neural Computing and Applications, 2012, 21, 1917-1929. | 5.6 | 27 |
| 137 | Adaptive memory-based local search for MAX-SAT. Applied Soft Computing Journal, 2012, 12, 2063-2071. | 7.2 | 11 |
| 138 | Identifying dysregulated pathways in cancers from pathway interaction networks. BMC Bioinformatics, 2012, 13, 126. | 2.6 | 109 |
| 139 | Improving the extraction and expansion method for large graph coloring. Discrete Applied Mathematics, 2012, 160, 2397-2407. | 0.9 | 20 |
| 140 | Path relinking for unconstrained binary quadratic programming. European Journal of Operational Research, 2012, 223, 595-604. | 5.7 | 75 |
| 141 | A Study of Breakout Local Search for the Minimum Sum Coloring Problem. Lecture Notes in Computer Science, 2012, , 128-137. | 1.3 | 15 |
| 142 | Coloring large graphs based on independent set extraction. Computers and Operations Research, 2012, 39, 283-290. | 4.0 | 47 |
| 143 | Inferring gene regulatory networks from gene expression data by path consistency algorithm based on conditional mutual information. Bioinformatics, 2012, 28, 98-104. | 4.1 | 265 |
| 144 | Multi-neighborhood tabu search for the maximum weight clique problem. Annals of Operations Research, 2012, 196, 611-634. | 4.1 | 80 |

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|---|---|---|---|
| 145 | An effective heuristic algorithm for sum coloring of graphs. Computers and Operations Research, 2012, 39, 1593-1600. | 4.0 | 23 |
| 146 | Adaptive neighborhood search for nurse rostering. European Journal of Operational Research, 2012, 218, 865-876. | 5.7 | 63 |
| 147 | Pattern-driven neighborhood search for biclustering of microarray data. BMC Bioinformatics, 2012, 13, S11. | 2.6 | 36 |
| 148 | BicFinder: a biclustering algorithm for microarray data analysis. Knowledge and Information Systems, 2012, 30, 341-358. | 3.2 | 44 |
| 149 | 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 |
| 150 | A Multilevel Algorithm for Large Unconstrained Binary Quadratic Optimization. Lecture Notes in Computer Science, 2012, , 395-408. | 1.3 | 6 |
| 151 | A Genetic Algorithm for Scale-Based Translocon Simulation. Lecture Notes in Computer Science, 2012, , 26-37. | 1.3 | 0 |
| 152 | A Multilevel Memetic Approach for Improving Graph k-Partitions. IEEE Transactions on Evolutionary Computation, 2011, 15, 624-642. | 10.0 | 81 |
| 153 | Neighborhood analysis: a case study onÂcurriculum-based course timetabling. Journal of Heuristics, 2011, 17, 97-118. | 1.4 | 63 |
| 154 | Genetic Tabu search for robust fixed channel assignment under dynamic traffic data. Computational Optimization and Applications, 2011, 50, 483-506. | 1.6 | 9 |
| 155 | The case for strategic oscillation. Annals of Operations Research, 2011, 183, 163-173. | 4.1 | 57 |
| 156 | A simple and effective algorithm for the MaxMin diversity problem. Annals of Operations Research, 2011, 186, 275-293. | 4.1 | 27 |
| 157 | An effective multilevel tabu search approach for balanced graph partitioning. Computers and Operations Research, 2011, 38, 1066-1075. | 4.0 | 49 |
| 158 | Lower bounds for the ITC-2007 curriculum-based course timetabling problem. European Journal of Operational Research, 2011, 212, 464-472. | 5.7 | 23 |
| 159 | Spacing memetic algorithms. , 2011, , . | | 4 |
| 160 | Effective Variable Fixing and Scoring Strategies for Binary Quadratic Programming. Lecture Notes in Computer Science, 2011, , 72-83. | 1.3 | 6 |
| 161 | Multi-Neighborhood Search for Discrimination of Signal Peptides and Transmembrane Segments. Lecture Notes in Computer Science, 2011, , 111-122. | 1.3 | 2 |
| 162 | An Effective Multilevel Memetic Algorithm for Balanced Graph Partitioning. , 2010, , . | | 8 |

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|---|---|---|---|
| 163 | Efficient evaluations for solving large 0-1 unconstrained quadratic optimisation problems. International Journal of Metaheuristics, 2010, 1, 3. | 0.1 | 38 |
| 164 | A search space â€œcartographyâ€•for guiding graph coloring heuristics. Computers and Operations Research, 2010, 37, 769-778. | 4.0 | 48 |
| 165 | Diversification-driven tabu search for unconstrained binary quadratic problems. 4or, 2010, 8, 239-253. | 1.6 | 67 |
| 166 | A hybrid LDA and genetic algorithm for gene selection and classification of microarray data. Neurocomputing, 2010, 73, 2375-2383. | 5.9 | 54 |
| 167 | Adaptive Tabu Search for course timetabling. European Journal of Operational Research, 2010, 200, 235-244. | 5.7 | 183 |
| 168 | Transit network timetabling and vehicle assignment for regulating authorities. Computers and Industrial Engineering, 2010, 59, 16-23. | 6.3 | 57 |
| 169 | An evolutionary approach with diversity guarantee and well-informed grouping recombination for graph coloring. Computers and Operations Research, 2010, 37, 1822-1832. | 4.0 | 77 |
| 170 | A memetic algorithm for graph coloring. European Journal of Operational Research, 2010, 203, 241-250. | 5.7 | 186 |
| 171 | A hybrid metaheuristic approach to solving the UBQP problem. European Journal of Operational Research, 2010, 207, 1254-1262. | 5.7 | 75 |
| 172 | Advances in metaheuristics for gene selection and classification of microarray data. Briefings in Bioinformatics, 2010, 11, 127-141. | 6.5 | 61 |
| 173 | Iterated Local Search for Biclustering of Microarray Data. Lecture Notes in Computer Science, 2010, , 219-229. | 1.3 | 7 |
| 174 | A Study of Memetic Search with Multi-parent Combination for UBQP. Lecture Notes in Computer Science, 2010, , 154-165. | 1.3 | 6 |
| 175 | A Local Search Appproach for Transmembrane Segment and Signal Peptide Discrimination. Lecture Notes in Computer Science, 2010, , 134-145. | 1.3 | 3 |
| 176 | Improving Timetable Quality in Scheduled Transit Networks. Lecture Notes in Computer Science, 2010, , 21-30. | 1.3 | 7 |
| 177 | A Study of Multi-parent Crossover Operators in a Memetic Algorithm. , 2010, , 556-565. | | 8 |
| 178 | A Reinforced Tabu Search Approach for 2D Strip Packing. International Journal of Applied Metaheuristic Computing, 2010, 1, 20-36. | 0.7 | 1 |
| 179 | Tabu Search with Consistent Neighbourhood for Strip Packing. Lecture Notes in Computer Science, 2010, , 1-10. | 1.3 | 0 |
| 180 | A memetic algorithm for gene selection and molecular classification of cancer. , 2009, , . | | 42 |

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|---|---|---|---|
| 181 | Iterated local search for the multiple depot vehicle scheduling problem. Computers and Industrial Engineering, 2009, 57, 277-286. | 6.3 | 42 |
| 182 | A biclustering algorithm based on a Bicluster Enumeration Tree: application to DNA microarray data. BioData Mining, 2009, 2, 9. | 4.0 | 63 |
| 183 | Diversity Control and Multi-Parent Recombination for Evolutionary Graph Coloring Algorithms. Lecture Notes in Computer Science, 2009, , 121-132. | 1.3 | 15 |
| 184 | A Memetic Algorithm for Phylogenetic Reconstruction with Maximum Parsimony. Lecture Notes in Computer Science, 2009, , 164-175. | 1.3 | 21 |
| 185 | Position-Guided Tabu Search Algorithm for the Graph Coloring Problem. Lecture Notes in Computer Science, 2009, , 148-162. | 1.3 | 2 |
| 186 | An improved simulated annealing algorithm for bandwidth minimization. European Journal of Operational Research, 2008, 185, 1319-1335. | 5.7 | 55 |
| 187 | An effective two-stage simulated annealing algorithm for the minimum linear arrangement problem. Computers and Operations Research, 2008, 35, 3331-3346. | 4.0 | 69 |
| 188 | Transit network design and scheduling: A global review. Transportation Research, Part A: Policy and Practice, 2008, 42, 1251-1273. | 4.2 | 339 |
| 189 | Fuzzy Logic for Elimination of Redundant Information of Microarray Data. Genomics, Proteomics and Bioinformatics, 2008, 6, 61-73. | 6.9 | 27 |
| 190 | Progressive Tree Neighborhood applied to the Maximum Parsimony Problem. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2008, 5, 136-145. | 3.0 | 40 |
| 191 | Simultaneous Vehicle and Crew Scheduling for Extra Urban Transports. Lecture Notes in Computer Science, 2008, , 466-475. | 1.3 | 10 |
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