

Fred Glover

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/930777/publications.pdf>

Version: 2024-02-01

250
papers

29,784
citations

18482

62
h-index

6300

158
g-index

251
all docs

251
docs citations

251
times ranked

11542
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving Clique Partitioning Problems: A Comparison of Models and Commercial Solvers. International Journal of Information Technology and Decision Making, 2022, 21, 59-81.	3.9	8
2	Quantum bridge analytics I: a tutorial on formulating and using QUBO models. Annals of Operations Research, 2022, 314, 141-183.	4.1	50
3	Quantum Bridge Analytics II: QUBO-Plus, network optimization and combinatorial chaining for asset exchange. Annals of Operations Research, 2022, 314, 185-212.	4.1	5
4	Applications and Computational Advances for Solving the QUBO Model. , 2022, , 39-56.		1
5	An extremeâ€point tabuâ€search algorithm for fixedâ€charge network problems. Networks, 2021, 77, 322-340.	2.7	5
6	Focal distance tabu search. Science China Information Sciences, 2021, 64, 1.	4.3	4
7	Rejoinder on: Tabu search tutorial. A Graph Drawing Application. Top, 2021, 29, 363-371.	1.6	0
8	Tabu search tutorial. A Graph Drawing Application. Top, 2021, 29, 319-350.	1.6	7
9	A matheuristic for a telecommunication network design problem with traffic grooming. Omega, 2020, 90, 102003.	5.9	5
10	A comparative study of formulations for a cross-dock door assignment problem. Omega, 2020, 91, 102015.	5.9	33
11	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
12	Advanced Tabu Search Algorithms for Bipartite Boolean Quadratic Programs Guided by Strategic Oscillation and Path Relinking. INFORMS Journal on Computing, 2020, 32, 74-89.	1.7	9
13	Quantum Bridge Analytics II: QUBO-Plus, network optimization and combinatorial chaining for asset exchange. 4or, 2020, 18, 387-417.	1.6	9
14	On convergence of scatter search and star paths with directional rounding for 0â€1 mixed integer programs. Discrete Applied Mathematics, 2020, 308, 235-235.	0.9	0
15	A new approach to generate pattern-efficient sets of non-dominated vectors for multi-objective optimization. Information Sciences, 2020, 530, 22-42.	6.9	6
16	A learning-based memetic algorithm for the multiple vehicle pickup and delivery problem with LIFO loading. Computers and Industrial Engineering, 2020, 142, 106241.	6.3	15
17	Bi-objective optimization of biclustering with binary data. Information Sciences, 2020, 538, 444-466.	6.9	7
18	Diversification-based learning in computing and optimization. Journal of Heuristics, 2019, 25, 521-537.	1.4	10

#	ARTICLE	IF	CITATIONS
19	A Two-Individual Based Evolutionary Algorithm for the Flexible Job Shop Scheduling Problem. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2262-2271.	4.9	15
20	Probabilistic Tabu Search for the Cross-Docking Assignment Problem. European Journal of Operational Research, 2019, 277, 875-885.	5.7	24
21	Intensification, Diversification and Learning in metaheuristic optimization. Journal of Heuristics, 2019, 25, 517-520.	1.4	12
22	Quantum Bridge Analytics I: a tutorial on formulating and using QUBO models. 4or, 2019, 17, 335-371.	1.6	112
23	Diversification methods for zero-one optimization. Journal of Heuristics, 2019, 25, 643-671.	1.4	2
24	Clustering-driven evolutionary algorithms: an application of path relinking to the quadratic unconstrained binary optimization problem. Journal of Heuristics, 2019, 25, 629-642.	1.4	17
25	Intensification-driven tabu search for the minimum differential dispersion problem. Knowledge-Based Systems, 2019, 167, 68-86.	7.1	11
26	Hotel Classification Using Meta-Analytics: A Case Study with Cohesive Clustering. , 2019, , 815-836.		0
27	Adaptive tabu search with strategic oscillation for the bipartite boolean quadratic programming problem with partitioned variables. Information Sciences, 2018, 450, 284-300.	6.9	10
28	Solution-based tabu search for the maximum min-sum dispersion problem. Information Sciences, 2018, 441, 79-94.	6.9	29
29	A two-phase tabu-evolutionary algorithm for the 0-1 multidimensional knapsack problem. Information Sciences, 2018, 436-437, 282-301.	6.9	38
30	New assignment-based neighborhoods for traveling salesman and routing problems. Networks, 2018, 71, 170-187.	2.7	5
31	A Tabu search based clustering algorithm and its parallel implementation on Spark. Applied Soft Computing Journal, 2018, 63, 97-109.	7.2	33
32	A History of Metaheuristics. , 2018, , 791-808.		57
33	A History of Metaheuristics. , 2018, , 1-18.		30
34	Logical and inequality implications for reducing the size and difficulty of quadratic unconstrained binary optimization problems. European Journal of Operational Research, 2018, 265, 829-842.	5.7	15
35	A simple multi-wave algorithm for the uncapacitated facility location problem. Frontiers of Engineering Management, 2018, 5, 451.	6.1	17
36	Adaptive pattern search for large-scale optimization. Applied Intelligence, 2017, 47, 319-330.	5.3	10

#	ARTICLE	IF	CITATIONS
37	Effective metaheuristic algorithms for the minimum differential dispersion problem. <i>European Journal of Operational Research</i> , 2017, 258, 829-843.	5.7	36
38	New relationships for multi-neighborhood search for the minimum linear arrangement problem. <i>Journal of Discrete Algorithms</i> , 2017, 46-47, 16-24.	0.7	0
39	Quadratic unconstrained binary optimization problem preprocessing: Theory and empirical analysis. <i>Networks</i> , 2017, 70, 79-97.	2.7	41
40	Pseudo-centroid clustering. <i>Soft Computing</i> , 2017, 21, 6571-6592.	3.6	4
41	Doubly-rooted stem-and-cycle ejection chain algorithm for the asymmetric traveling salesman problem. <i>Networks</i> , 2016, 68, 23-33.	2.7	6
42	A learning-based path relinking algorithm for the bandwidth coloring problem. <i>Engineering Applications of Artificial Intelligence</i> , 2016, 52, 81-91.	8.1	10
43	Multi-wave algorithms for metaheuristic optimization. <i>Journal of Heuristics</i> , 2016, 22, 331-358.	1.4	8
44	Solving the maximum vertex weight clique problem via binary quadratic programming. <i>Journal of Combinatorial Optimization</i> , 2016, 32, 531-549.	1.3	15
45	f-Flip strategies for unconstrained binary quadratic programming. <i>Annals of Operations Research</i> , 2016, 238, 651-657.	4.1	4
46	A hybrid metaheuristic approach for the capacitated arc routing problem. <i>European Journal of Operational Research</i> , 2016, 253, 25-39.	5.7	52
47	An evolutionary path relinking approach for the quadratic multiple knapsack problem. <i>Knowledge-Based Systems</i> , 2016, 92, 23-34.	7.1	29
48	Exact solutions to generalized vertex covering problems: a comparison of two models. <i>Optimization Letters</i> , 2015, 9, 1331-1339.	1.6	11
49	A tabu search algorithm for cohesive clustering problems. <i>Journal of Heuristics</i> , 2015, 21, 457-477.	1.4	19
50	Backtracking based iterated tabu search for equitable coloring. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 46, 269-278.	8.1	10
51	Greedy randomized adaptive search procedure with exterior path relinking for differential dispersion minimization. <i>Information Sciences</i> , 2015, 296, 46-60.	6.9	48
52	Integrating tabu search and VLSN search to develop enhanced algorithms: A case study using bipartite boolean quadratic programs. <i>European Journal of Operational Research</i> , 2015, 241, 697-707.	5.7	27
53	A Complementary Cyber Swarm Algorithm. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2015, , 50-70.	0.4	2
54	Exterior Path Relinking for Zero-One Optimization. <i>International Journal of Applied Metaheuristic Computing</i> , 2014, 5, 1-8.	0.7	16

#	ARTICLE	IF	CITATIONS
55	Tabu search with strategic oscillation for the quadratic minimum spanning tree. IIE Transactions, 2014, 46, 414-428.	2.1	22
56	Strategic oscillation for the quadratic multiple knapsack problem. Computational Optimization and Applications, 2014, 58, 161-185.	1.6	23
57	The unconstrained binary quadratic programming problem: a survey. Journal of Combinatorial Optimization, 2014, 28, 58-81.	1.3	251
58	A tabu search based memetic algorithm for the maximum diversity problem. Engineering Applications of Artificial Intelligence, 2014, 27, 103-114.	8.1	47
59	Backbone guided tabu search for solving the UBQP problem. Journal of Heuristics, 2013, 19, 679-695.	1.4	25
60	Solving large scale Max Cut problems via tabu search. Journal of Heuristics, 2013, 19, 565-571.	1.4	59
61	Introduction to special xQx issue. Journal of Heuristics, 2013, 19, 525-528.	1.4	3
62	Probabilistic GRASP-Tabu Search algorithms for the UBQP problem. Computers and Operations Research, 2013, 40, 3100-3107.	4.0	41
63	Designing effective improvement methods for scatter search: an experimental study on global optimization. Soft Computing, 2013, 17, 49-62.	3.6	12
64	Binary Unconstrained Quadratic Optimization Problem. , 2013, , 533-557.		7
65	Tabu Searchâ—, , 2013, , 3261-3362.		60
66	A Complementary Cyber Swarm Algorithm. , 2013, , 22-41.		0
67	Path relinking for unconstrained binary quadratic programming. European Journal of Operational Research, 2012, 223, 595-604.	5.7	75
68	Multi-neighborhood tabu search for the maximum weight clique problem. Annals of Operations Research, 2012, 196, 611-634.	4.1	80
69	A computational study on the quadratic knapsack problem with multiple constraints. Computers and Operations Research, 2012, 39, 3-11.	4.0	19
70	A Multilevel Algorithm for Large Unconstrained Binary Quadratic Optimization. Lecture Notes in Computer Science, 2012, , 395-408.	1.3	6
71	A Complementary Cyber Swarm Algorithm. International Journal of Swarm Intelligence Research, 2011, 2, 22-41.	0.7	7
72	Scatter Search and Path Relinking. International Journal of Swarm Intelligence Research, 2011, 2, 1-21.	0.7	10

#	ARTICLE	IF	CITATIONS
73	Polynomial unconstrained binary optimisation – Part 1. International Journal of Metaheuristics, 2011, 1, 232.	0.1	8
74	Polynomial unconstrained binary optimisation Ã part 2. International Journal of Metaheuristics, 2011, 1, 317.	0.1	8
75	Neighborhood analysis: a case study on curriculum-based course timetabling. Journal of Heuristics, 2011, 17, 97-118.	1.4	63
76	EM323: a line search based algorithm for solving high-dimensional continuous non-linear optimization problems. Soft Computing, 2011, 15, 2275-2285.	3.6	26
77	Integrated exact, hybrid and metaheuristic learning methods for confidentiality protection. Annals of Operations Research, 2011, 183, 47-73.	4.1	3
78	Hybrid scatter tabu search for unconstrained global optimization. Annals of Operations Research, 2011, 183, 95-123.	4.1	44
79	The case for strategic oscillation. Annals of Operations Research, 2011, 183, 163-173.	4.1	57
80	A filter-and-fan approach to the 2D HP model of the protein folding problem. Annals of Operations Research, 2011, 188, 389-414.	4.1	10
81	A simple and effective algorithm for the MaxMin diversity problem. Annals of Operations Research, 2011, 186, 275-293.	4.1	27
82	Traveling salesman problem heuristics: Leading methods, implementations and latest advances. European Journal of Operational Research, 2011, 211, 427-441.	5.7	169
83	Effective Variable Fixing and Scoring Strategies for Binary Quadratic Programming. Lecture Notes in Computer Science, 2011, , 72-83.	1.3	6
84	Pseudo-Cut Strategies for Global Optimization. International Journal of Applied Metaheuristic Computing, 2011, 2, 1-12.	0.7	4
85	Fast two-flip move evaluations for binary unconstrained quadratic optimisation problems. International Journal of Metaheuristics, 2010, 1, 100.	0.1	12
86	Efficient evaluations for solving large 0-1 unconstrained quadratic optimisation problems. International Journal of Metaheuristics, 2010, 1, 3.	0.1	38
87	Adaptive memory programming for constrained global optimization. Computers and Operations Research, 2010, 37, 1500-1509.	4.0	36
88	Diversification-driven tabu search for unconstrained binary quadratic problems. 4or, 2010, 8, 239-253.	1.6	67
89	Ejection chain and filter-and-fan methods in combinatorial optimization. Annals of Operations Research, 2010, 175, 77-105.	4.1	14
90	RAMP for the capacitated minimum spanning tree problem. Annals of Operations Research, 2010, 181, 661-681.	4.1	20

#	ARTICLE	IF	CITATIONS
91	Creating balanced and connected clusters to improve service delivery routes in logistics planning. <i>Journal of Systems Science and Systems Engineering</i> , 2010, 19, 453-480.	1.6	22
92	Alternating control tree search for knapsack/covering problems. <i>Journal of Heuristics</i> , 2010, 16, 239-258.	1.4	11
93	An ejection chain algorithm for the quadratic assignment problem. <i>Networks</i> , 2010, 56, 188-206.	2.7	19
94	Cyber Swarm Algorithms – Improving particle swarm optimization using adaptive memory strategies. <i>European Journal of Operational Research</i> , 2010, 201, 377-389.	5.7	43
95	A hybrid metaheuristic approach to solving the UBQP problem. <i>European Journal of Operational Research</i> , 2010, 207, 1254-1262.	5.7	75
96	Scatter Search and Path-Relinking: Fundamentals, Advances, and Applications. <i>Profiles in Operations Research</i> , 2010, , 87-107.	0.4	63
97	A Study of Memetic Search with Multi-parent Combination for UBQP. <i>Lecture Notes in Computer Science</i> , 2010, , 154-165.	1.3	6
98	Metaheuristic Search with Inequalities and Target Objectives for Mixed Binary Optimization – Part II. <i>International Journal of Applied Metaheuristic Computing</i> , 2010, 1, 1-17.	0.7	4
99	Metaheuristic Search with Inequalities and Target Objectives for Mixed Binary Optimization Part I. <i>International Journal of Applied Metaheuristic Computing</i> , 2010, 1, 1-15.	0.7	10
100	Unidimensional Search for Solving Continuous High-Dimensional Optimization Problems. , 2009, , .		13
101	A cooperative parallel tabu search algorithm for the quadratic assignment problem. <i>European Journal of Operational Research</i> , 2009, 195, 810-826.	5.7	102
102	Contributions of Professor William W. Cooper in Operations Research and Management Science. <i>European Journal of Operational Research</i> , 2009, 197, 1-16.	5.7	89
103	Finding local optima of high-dimensional functions using direct search methods. <i>European Journal of Operational Research</i> , 2009, 195, 31-45.	5.7	39
104	Multistart Tabu Search and Diversification Strategies for the Quadratic Assignment Problem. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2009, 39, 579-596.	2.9	107
105	A note on xQx as a modelling and solution framework for the Linear Ordering Problem. <i>International Journal of Operational Research</i> , 2009, 5, 152.	0.2	13
106	Multi-objective Meta-heuristics for the Traveling Salesman Problem with Profits. <i>Mathematical Modelling and Algorithms</i> , 2008, 7, 177-195.	0.5	53
107	Second-order cover inequalities. <i>Mathematical Programming</i> , 2008, 114, 207-234.	2.4	6
108	Higher-order cover cuts from zero – one knapsack constraints augmented by two-sided bounding inequalities. <i>Discrete Optimization</i> , 2008, 5, 270-289.	0.9	4

#	ARTICLE	IF	CITATIONS
109	Scatter Search and Local NLP Solvers: A Multistart Framework for Global Optimization. INFORMS Journal on Computing, 2007, 19, 328-340.	1.7	537
110	Scatter PSO - A more effective form of Particle Swarm Optimization. , 2007, , .		0
111	Solving group technology problems via clique partitioning. Flexible Services and Manufacturing Journal, 2007, 18, 77-97.	0.4	34
112	Infeasible/feasible search trajectories and directional rounding in integer programming. Journal of Heuristics, 2007, 13, 505-541.	1.4	10
113	Tabu searchâ€™Uncharted domains. Annals of Operations Research, 2007, 149, 89-98.	4.1	15
114	Solving the maximum edge weight clique problem via unconstrained quadratic programming. European Journal of Operational Research, 2007, 181, 592-597.	5.7	54
115	Inequalities and Target Objectives for Metaheuristic Search â€™ Part I: Mixed Binary Optimization. , 2007, , 439-474.		4
116	A Path Relinking Approach for the Multi-Resource Generalized Quadratic Assignment Problem. , 2007, , 121-135.		5
117	Selecting Project Portfolios by Optimizing Simulations. Engineering Economist, 2006, 51, 81-97.	1.1	33
118	Principles of scatter search. European Journal of Operational Research, 2006, 169, 359-372.	5.7	351
119	Parametric tabu-search for mixed integer programs. Computers and Operations Research, 2006, 33, 2449-2494.	4.0	50
120	Ejection chain and filter-and-fan methods in combinatorial optimization. 4or, 2006, 4, 263-296.	1.6	25
121	Implementation analysis of efficient heuristic algorithms for the traveling salesman problem. Computers and Operations Research, 2006, 33, 1154-1172.	4.0	32
122	A path relinking approach with ejection chains for the generalized assignment problem. European Journal of Operational Research, 2006, 169, 548-569.	5.7	94
123	An effective modeling and solution approach for the generalized independent set problem. Optimization Letters, 2006, 1, 111-117.	1.6	12
124	A Unified Framework for Modeling and Solving Combinatorial Optimization Problems: A Tutorial. , 2006, , 101-124.		10
125	Using the unconstrained quadratic program to model and solve Max 2-SAT problems. International Journal of Operational Research, 2005, 1, 89.	0.2	14
126	Data structures and ejection chains for solving large-scale traveling salesman problems. European Journal of Operational Research, 2005, 160, 154-171.	5.7	28

#	ARTICLE	IF	CITATIONS
127	Chvatalâ€“Gomoryâ€“tier cuts for general integer programs. Discrete Optimization, 2005, 2, 51-69.	0.9	3
128	An Unconstrained Quadratic Binary Programming Approach to the Vertex Coloring Problem. Annals of Operations Research, 2005, 139, 229-241.	4.1	42
129	Some Classes of Valid Inequalities and Convex Hull Characterizations for Dynamic Fixed-Charge Problems under Nested Constraints. Annals of Operations Research, 2005, 140, 215-233.	4.1	8
130	The feasibility pump. Mathematical Programming, 2005, 104, 91-104.	2.4	288
131	Clustering of Microarray data via Clique Partitioning. Journal of Combinatorial Optimization, 2005, 10, 77-92.	1.3	40
132	Parametric Ghost Image Processes for Fixed-Charge Problems: A Study of Transportation Networks. Journal of Heuristics, 2005, 11, 307-336.	1.4	25
133	Further Extension of the TSP Assign Neighborhood. Journal of Heuristics, 2005, 11, 501-505.	1.4	3
134	A new modeling and solution approach for the number partitioning problem. Journal of Applied Mathematics and Decision Sciences, 2005, 2005, 113-121.	0.4	16
135	Metaheuristic Agent Processes (MAPS). , 2005, , 1-28.		0
136	Adaptive Memory Projection Methods for Integer Programming. , 2005, , 425-440.		19
137	A Hybrid Improvement Heuristic for the One-Dimensional Bin Packing Problem. Journal of Heuristics, 2004, 10, 205-229.	1.4	106
138	A very large-scale neighborhood search algorithm for the multi-resource generalized assignment problem. Discrete Optimization, 2004, 1, 87-98.	0.9	54
139	A unified modeling and solution framework for combinatorial optimization problems. OR Spectrum, 2004, 26, 237-250.	3.4	91
140	Adaptive memory search for Boolean optimization problems. Discrete Applied Mathematics, 2004, 142, 99-109.	0.9	24
141	Comparisons and enhancement strategies for linearizing mixed 0-1 quadratic programs. Discrete Optimization, 2004, 1, 99-120.	0.9	67
142	An Ejection Chain Approach for the Generalized Assignment Problem. INFORMS Journal on Computing, 2004, 16, 133-151.	1.7	129
143	Scatter Search and Path Relinking: Foundations and Advanced Designs. Studies in Fuzziness and Soft Computing, 2004, , 87-99.	0.8	32
144	Tutorial on Surrogate Constraint Approaches for Optimization in Graphs. Journal of Heuristics, 2003, 9, 175-227.	1.4	23

#	ARTICLE	IF	CITATIONS
145	Foundation-penalty cuts for mixed-integer programs. <i>Operations Research Letters</i> , 2003, 31, 245-253.	0.7	11
146	AN EFFECTIVE APPROACH FOR SOLVING THE BINARY ASSIGNMENT PROBLEM WITH SIDE CONSTRAINTS. <i>International Journal of Information Technology and Decision Making</i> , 2002, 01, 121-129.	3.9	6
147	Solving Quadratic Knapsack Problems by Reformulation and Tabu Search: Single Constraint Case. <i>Network Optimization Problems: Algorithms, Applications and Complexity</i> , 2002, , 111-121.	0.1	6
148	Tabu search and finite convergence. <i>Discrete Applied Mathematics</i> , 2002, 119, 3-36.	0.9	56
149	One-pass heuristics for large-scale unconstrained binary quadratic problems. <i>European Journal of Operational Research</i> , 2002, 137, 272-287.	5.7	53
150	Resolution Search and Dynamic Branch-and-Bound. <i>Journal of Combinatorial Optimization</i> , 2002, 6, 401-423.	1.3	5
151	Cutting and Surrogate Constraint Analysis for Improved Multidimensional Knapsack Solutions. <i>Annals of Operations Research</i> , 2002, 117, 71-93.	4.1	43
152	Tabu Search and Evolutionary Scatter Search for "Tree-Star"™ Network Problems, with Applications to Leased-Line Network Design. , 2001, , 57-77.		3
153	Reducing the bandwidth of a sparse matrix with tabu search. <i>European Journal of Operational Research</i> , 2001, 135, 450-459.	5.7	84
154	Construction heuristics for the asymmetric TSP. <i>European Journal of Operational Research</i> , 2001, 129, 555-568.	5.7	92
155	An Experimental Evaluation of a Scatter Search for the Linear Ordering Problem. <i>Journal of Global Optimization</i> , 2001, 21, 397-414.	1.8	111
156	The deterministic multi-item dynamic lot size problem with joint business volume discount. <i>Annals of Operations Research</i> , 2000, 96, 317-337.	4.1	36
157	Multi-Start and Strategic Oscillation Methods " Principles to Exploit Adaptive Memory. <i>Operations Research/ Computer Science Interfaces Series</i> , 2000, , 1-23.	0.3	57
158	Scatter Search to Generate Diverse MIP Solutions. <i>Operations Research/ Computer Science Interfaces Series</i> , 2000, , 299-317.	0.3	28
159	Improved Constructive Multistart Strategies for the Quadratic Assignment Problem Using Adaptive Memory. <i>INFORMS Journal on Computing</i> , 1999, 11, 198-204.	1.7	134
160	Tabu Search with Critical Event Memory: An Enhanced Application for Binary Quadratic Programs. , 1999, , 93-109.		24
161	Solving zero-one mixed integer programming problems using tabu search. <i>European Journal of Operational Research</i> , 1998, 106, 624-658.	5.7	97
162	Tabu search " wellsprings and challenges. <i>European Journal of Operational Research</i> , 1998, 106, 221-225.	5.7	26

#	ARTICLE	IF	CITATIONS
163	Heuristic algorithms for the maximum diversity problem. Journal of Information and Optimization Sciences, 1998, 19, 109-132.	0.3	61
164	A template for scatter search and path relinking. Lecture Notes in Computer Science, 1998, , 1-51.	1.3	280
165	Adaptive Memory Tabu Search for Binary Quadratic Programs. Management Science, 1998, 44, 336-345.	4.1	166
166	Integrative Population Analysis for Better Solutions to Large-Scale Mathematical Programs. Applied Optimization, 1998, , 212-239.	0.4	3
167	Tabu Search. , 1997, , .		2,678
168	Tabu Search and Ejection Chains”Application to a Node Weighted Version of the Cardinality-Constrained TSP. Management Science, 1997, 43, 908-921.	4.1	17
169	Generating Cuts from Surrogate Constraint Analysis for Zero-One and Multiple Choice Programming. Computational Optimization and Applications, 1997, 8, 151-172.	1.6	21
170	Tabu search for dynamic routing communications network design. Telecommunication Systems, 1997, 8, 55-77.	2.5	22
171	General Purpose Heuristics for Integer Programming”Part II. Journal of Heuristics, 1997, 3, 161-179.	1.4	36
172	General purpose heuristics for integer programming?Part I. Journal of Heuristics, 1997, 2, 343-358.	1.4	39
173	Surrogate constraint analysis”new heuristics and learning schemes for satisfiability problems. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 1997, , 537-572.	0.0	12
174	Tabu search for graph partitioning. Annals of Operations Research, 1996, 63, 209-232.	4.1	58
175	Using tabu search to solve the Steiner tree-star problem in telecommunications network design. Telecommunication Systems, 1996, 6, 117-125.	2.5	31
176	Ejection chains, reference structures and alternating path methods for traveling salesman problems. Discrete Applied Mathematics, 1996, 65, 223-253.	0.9	195
177	Finding a best traveling salesman 4-opt move in the same time as a best 2-opt move. Journal of Heuristics, 1996, 2, 169.	1.4	24
178	Critical Event Tabu Search for Multidimensional Knapsack Problems. , 1996, , 407-427.		92
179	Probabilistic Move Selection in Tabu Search for Zero-One Mixed Integer Programming Problems. , 1996, , 467-487.		24
180	Tabu Thresholding: Improved Search by Nonmonotonic Trajectories. ORSA Journal on Computing, 1995, 7, 426-442.	1.7	89

#	ARTICLE	IF	CITATIONS
181	Tabu search for the multilevel generalized assignment problem. European Journal of Operational Research, 1995, 82, 176-189.	5.7	151
182	Genetic algorithms and tabu search: Hybrids for optimization. Computers and Operations Research, 1995, 22, 111-134.	4.0	234
183	New results for aggregating integer-valued equations. Annals of Operations Research, 1995, 58, 227-242.	4.1	6
184	Scatter search and star-paths: beyond the genetic metaphor. OR Spectrum, 1995, 17, 125-137.	3.4	65
185	A NEW LEARNING APPROACH TO PROCESS IMPROVEMENT IN A TELECOMMUNICATIONS COMPANY. Production and Operations Management, 1995, 4, 217-227.	3.8	4
186	Genetic algorithms and scatter search: unsuspected potentials. Statistics and Computing, 1994, 4, 131.	1.5	103
187	Optimization by ghost image processes in neural networks. Computers and Operations Research, 1994, 21, 801-822.	4.0	17
188	Applying tabu search with influential diversification to multiprocessor scheduling. Computers and Operations Research, 1994, 21, 877-884.	4.0	60
189	A study of diversification strategies for the quadratic assignment problem. Computers and Operations Research, 1994, 21, 885-893.	4.0	51
190	Tabu search for nonlinear and parametric optimization (with links to genetic algorithms). Discrete Applied Mathematics, 1994, 49, 231-255.	0.9	166
191	Integrating target analysis and tabu search for improved scheduling systems. Expert Systems With Applications, 1993, 6, 287-297.	7.6	70
192	Intelligent scheduling with tabu search: An application to jobs with linear delay penalties and sequence-dependent setup costs and times. Applied Intelligence, 1993, 3, 159-172.	5.3	35
193	Analyzing and Modeling the Maximum Diversity Problem by Zero-One Programming. Decision Sciences, 1993, 24, 1171-1185.	4.5	148
194	A user's guide to tabu search. Annals of Operations Research, 1993, 41, 1-28.	4.1	647
195	Strong formulations and cutting planes for designing digital data service networks. Telecommunication Systems, 1993, 2, 261-274.	2.5	27
196	Bandwidth Packing: A Tabu Search Approach. Management Science, 1993, 39, 492-500.	4.1	103
197	Extensions of the Petal Method for Vehicle Routeing. Journal of the Operational Research Society, 1993, 44, 289-296.	3.4	66
198	NEW EJECTION CHAIN AND ALTERNATING PATH METHODS FOR TRAVELING SALESMAN PROBLEMS. , 1992, , 491-509.		47

#	ARTICLE	IF	CITATIONS
199	Least-cost network topology design for a new service. <i>Annals of Operations Research</i> , 1991, 33, 351-362.	4.1	46
200	Surrogate Constraints in Integer Programming. <i>Journal of Information and Optimization Sciences</i> , 1991, 12, 219-228.	0.3	7
201	Netform Modeling and Applications. <i>Interfaces</i> , 1990, 20, 7-27.	1.5	37
202	Improved Linear Programming Models for Discriminant Analysis. <i>Decision Sciences</i> , 1990, 21, 771-785.	4.5	215
203	Artificial intelligence, heuristic frameworks and tabu search. <i>Managerial and Decision Economics</i> , 1990, 11, 365-375.	2.5	103
204	Tabu Searchâ€™Part II. <i>ORSA Journal on Computing</i> , 1990, 2, 4-32.	1.7	3,561
205	Tabu Search: A Tutorial. <i>Interfaces</i> , 1990, 20, 74-94.	1.5	823
206	Tabu Searchâ€™Part I. <i>ORSA Journal on Computing</i> , 1989, 1, 190-206.	1.7	4,815
207	A network-related nuclear power plant model with an intelligent branch-and-bound solution approach. <i>Annals of Operations Research</i> , 1989, 21, 317-331.	4.1	9
208	A modeling/solution approach for optimal deployment of a weapons arsenal. <i>Annals of Operations Research</i> , 1989, 20, 159-177.	4.1	2
209	New approaches for heuristic search: A bilateral linkage with artificial intelligence. <i>European Journal of Operational Research</i> , 1989, 39, 119-130.	5.7	207
210	Logical testing for new approaches to mathematical programming modeling and analysis. <i>Computer Science in Economics and Management</i> , 1989, 2, 49-64.	0.5	0
211	A NEW CLASS OF MODELS FOR THE DISCRIMINANT PROBLEM. <i>Decision Sciences</i> , 1988, 19, 269-280.	4.5	120
212	A Stochastic Generalized Network Model and Large-Scale Mean-Variance Algorithm for Portfolio Selection. <i>Journal of Information and Optimization Sciences</i> , 1988, 9, 299-316.	0.3	14
213	A Simple Criterion for a Graph to have a Perfect Matching. <i>Journal of Information and Optimization Sciences</i> , 1987, 8, 271-273.	0.3	1
214	Threshold assignment algorithm. <i>Mathematical Programming Studies</i> , 1986, , 12-37.	0.8	21
215	Future paths for integer programming and links to artificial intelligence. <i>Computers and Operations Research</i> , 1986, 13, 533-549.	4.0	2,995
216	The general employee scheduling problem. An integration of MS and AI. <i>Computers and Operations Research</i> , 1986, 13, 563-573.	4.0	233

#	ARTICLE	IF	CITATIONS
217	EVALUATING ALTERNATIVE LINEAR PROGRAMMING MODELS TO SOLVE THE TWO-GROUP DISCRIMINANT PROBLEM. <i>Decision Sciences</i> , 1986, 17, 151-162.	4.5	205
218	Notes and Communications RESOLVING CERTAIN DIFFICULTIES AND IMPROVING THE CLASSIFICATION POWER OF LP DISCRIMINANT ANALYSIS FORMULATIONS. <i>Decision Sciences</i> , 1986, 17, 589-595.	4.5	75
219	A Netform System for Resource Planning in the U.S. Bureau of Land Management. <i>Journal of the Operational Research Society</i> , 1984, 35, 605-616.	3.4	12
220	A heuristic programming approach to the employee scheduling problem and some thoughts on "managerial robots". <i>Journal of Operations Management</i> , 1984, 4, 113-128.	5.2	39
221	A primal simplex variant for the maximum-flow problem. <i>Naval Research Logistics Quarterly</i> , 1984, 31, 41-61.	0.4	9
222	A note on specialized versus unspecialized methods for maximum-flow problems. <i>Naval Research Logistics Quarterly</i> , 1984, 31, 63-65.	0.4	4
223	The Passenger-Mix Problem in the Scheduled Airlines. <i>Interfaces</i> , 1982, 12, 73-80.	1.5	152
224	Recent Developments in Computer Implementation Technology for Network Flow Algorithms. <i>Infor</i> , 1982, 20, 433-452.	0.6	17
225	A New Optimization Method for Large Scale Fixed Charge Transportation Problems. <i>Operations Research</i> , 1981, 29, 448-463.	1.9	101
226	Simple but powerful goal programming models for discriminant problems. <i>European Journal of Operational Research</i> , 1981, 7, 44-60.	5.7	314
227	Applications and Implementation.. <i>Decision Sciences</i> , 1981, 12, 68-74.	4.5	196
228	A Network Augmenting Path Basis Algorithm for Transshipment Problems. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1980, , 250-274.	0.3	4
229	Enhancements Of Spanning Tree Labelling Procedures For Network Optimization. <i>Infor</i> , 1979, 17, 16-34.	0.6	60
230	Improved Computer-Based Planning Techniques, Part 1. <i>Interfaces</i> , 1978, 8, 16-25.	1.5	36
231	HEURISTICS FOR INTEGER PROGRAMMING USING SURROGATE CONSTRAINTS. <i>Decision Sciences</i> , 1977, 8, 156-166.	4.5	1,161
232	Reducing the Size of Some IP Formulations by Substitution. <i>Journal of the Operational Research Society</i> , 1976, 27, 261-263.	3.4	2
233	Surrogate Constraint Duality in Mathematical Programming. <i>Operations Research</i> , 1975, 23, 434-451.	1.9	167
234	Improved Linear Integer Programming Formulations of Nonlinear Integer Problems. <i>Management Science</i> , 1975, 22, 455-460.	4.1	619

#	ARTICLE	IF	CITATIONS
235	A Computation Study on Start Procedures, Basis Change Criteria, and Solution Algorithms for Transportation Problems. <i>Management Science</i> , 1974, 20, 793-813.	4.1	152
236	Technical Noteâ€”Converting the 0-1 Polynomial Programming Problem to a 0-1 Linear Program. <i>Operations Research</i> , 1974, 22, 180-182.	1.9	346
237	Further Reduction of Zero-One Polynomial Programming Problems to Zero-One linear Programming Problems. <i>Operations Research</i> , 1973, 21, 156-161.	1.9	104
238	The Augmented Predecessor Index Method for Locating Stepping-Stone Paths and Assigning Dual Prices in Distribution Problems. <i>Transportation Science</i> , 1972, 6, 171-179.	4.4	94
239	Cut search methods in integer programming. <i>Mathematical Programming</i> , 1972, 3-3, 86-100.	2.4	16
240	Flows in Arborescences. <i>Management Science</i> , 1971, 17, 568-586.	4.1	19
241	An Intersection Cut from the Dual of the Unit Hypercube. <i>Operations Research</i> , 1971, 19, 40-44.	1.9	26
242	Surrogate Constraints. <i>Operations Research</i> , 1968, 16, 741-749.	1.9	159
243	Maximum matching in a convex bipartite graph. <i>Naval Research Logistics Quarterly</i> , 1967, 14, 313-316.	0.4	142
244	A Multiphase-Dual Algorithm for the Zero-One Integer Programming Problem. <i>Operations Research</i> , 1965, 13, 879-919.	1.9	283
245	Metaheuristic Search with Inequalities and Target Objectives for Mixed Binary Optimization Part I. , 0, , 1-16.		0
246	Metaheuristic Search with Inequalities and Target Objectives for Mixed Binary Optimization â€” Part II. , 0, , 17-33.		0
247	Pseudo-Cut Strategies for Global Optimization. , 0, , 188-198.		0
248	Metaheuristic Search with Inequalities and Target Objectives for Mixed Binary Optimization Part I. , 0, , 684-698.		0
249	A Fast Vertex Weighting-Based Local Search for Finding Minimum Connected Dominating Sets. <i>INFORMS Journal on Computing</i> , 0, , .	1.7	1
250	Unforeseen Consequences of â€œTabuâ€œChoicesâ€”A Retrospective. <i>INFORMS Journal on Computing</i> , 0, , .	1.7	1