

Fred Glover

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.

248 papers	23,259 citations	57 h-index	150 g-index
251 ext. papers	26,164 ext. citations	3 avg, IF	7.36 L-index

#	Paper	IF	Citations
248	Quantum Bridge Analytics II: QUBO-Plus, network optimization and combinatorial chaining for asset exchange.. <i>Annals of Operations Research</i> , 2022 , 1-28	3.2	
247	Applications and Computational Advances for Solving the QUBO Model 2022 , 39-56		
246	Focal distance tabu search. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	2
245	Rejoinder on: Tabu search tutorial. A Graph Drawing Application. <i>Top</i> , 2021 , 29, 363-371	1.3	
244	Tabu search tutorial. A Graph Drawing Application. <i>Top</i> , 2021 , 29, 319-350	1.3	2
243	An extreme-point tabu-search algorithm for fixed-charge network problems. <i>Networks</i> , 2021 , 77, 322-340	0.6	2
242	Quantum Bridge Analytics II: QUBO-Plus, network optimization and combinatorial chaining for asset exchange. <i>4or</i> , 2020 , 18, 387-417	1.4	3
241	On convergence of scatter search and star paths with directional rounding for 0-1 mixed integer programs. <i>Discrete Applied Mathematics</i> , 2020 , 308, 235-235	1	
240	A new approach to generate pattern-efficient sets of non-dominated vectors for multi-objective optimization. <i>Information Sciences</i> , 2020 , 530, 22-42	7.7	2
239	A learning-based memetic algorithm for the multiple vehicle pickup and delivery problem with LIFO loading. <i>Computers and Industrial Engineering</i> , 2020 , 142, 106241	6.4	8
238	Bi-objective optimization of biclustering with binary data. <i>Information Sciences</i> , 2020 , 538, 444-466	7.7	5
237	A matheuristic for a telecommunication network design problem with traffic grooming. <i>Omega</i> , 2020 , 90, 102003	7.2	1
236	A comparative study of formulations for a cross-dock door assignment problem. <i>Omega</i> , 2020 , 91, 102015	7.2	18
235	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
234	Advanced Tabu Search Algorithms for Bipartite Boolean Quadratic Programs Guided by Strategic Oscillation and Path Relinking. <i>INFORMS Journal on Computing</i> , 2020 , 32, 74-89	2.4	6
233	Probabilistic Tabu Search for the Cross-Docking Assignment Problem. <i>European Journal of Operational Research</i> , 2019 , 277, 875-885	5.6	18
232	Intensification, Diversification and Learning in metaheuristic optimization. <i>Journal of Heuristics</i> , 2019 , 25, 517-520	1.9	3

231	Diversification-based learning in computing and optimization. <i>Journal of Heuristics</i> , 2019 , 25, 521-537	1.9	5
230	A Two-Individual Based Evolutionary Algorithm for the Flexible Job Shop Scheduling Problem. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 2262-2271	5	9
229	Hotel Classification Using Meta-Analytics: A Case Study with Cohesive Clustering 2019 , 815-836		
228	Quantum Bridge Analytics I: a tutorial on formulating and using QUBO models. <i>4or</i> , 2019 , 17, 335-371	1.4	36
227	Diversification methods for zero-one optimization. <i>Journal of Heuristics</i> , 2019 , 25, 643-671	1.9	0
226	Clustering-driven evolutionary algorithms: an application of path relinking to the quadratic unconstrained binary optimization problem. <i>Journal of Heuristics</i> , 2019 , 25, 629-642	1.9	9
225	Intensification-driven tabu search for the minimum differential dispersion problem. <i>Knowledge-Based Systems</i> , 2019 , 167, 68-86	7.3	6
224	Adaptive tabu search with strategic oscillation for the bipartite boolean quadratic programming problem with partitioned variables. <i>Information Sciences</i> , 2018 , 450, 284-300	7.7	8
223	Solution-based tabu search for the maximum min-sum dispersion problem. <i>Information Sciences</i> , 2018 , 441, 79-94	7.7	15
222	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
221	New assignment-based neighborhoods for traveling salesman and routing problems. <i>Networks</i> , 2018 , 71, 170-187	1.6	4
220	A simple multi-wave algorithm for the uncapacitated facility location problem. <i>Frontiers of Engineering Management</i> , 2018 , 5, 451	2.7	9
219	A History of Metaheuristics 2018 , 1-18		23
218	Logical and inequality implications for reducing the size and difficulty of quadratic unconstrained binary optimization problems. <i>European Journal of Operational Research</i> , 2018 , 265, 829-842	5.6	7
217	A Tabu search based clustering algorithm and its parallel implementation on Spark. <i>Applied Soft Computing Journal</i> , 2018 , 63, 97-109	7.5	28
216	A History of Metaheuristics 2018 , 791-808		34
215	Adaptive pattern search for large-scale optimization. <i>Applied Intelligence</i> , 2017 , 47, 319-330	4.9	5
214	Effective metaheuristic algorithms for the minimum differential dispersion problem. <i>European Journal of Operational Research</i> , 2017 , 258, 829-843	5.6	26

213	New relationships for multi-neighborhood search for the minimum linear arrangement problem. <i>Journal of Discrete Algorithms</i> , 2017 , 46-47, 16-24		
212	Quadratic unconstrained binary optimization problem preprocessing: Theory and empirical analysis. <i>Networks</i> , 2017 , 70, 79-97	1.6	14
211	Pseudo-centroid clustering. <i>Soft Computing</i> , 2017 , 21, 6571-6592	3.5	3
210	Multi-wave algorithms for metaheuristic optimization. <i>Journal of Heuristics</i> , 2016 , 22, 331-358	1.9	5
209	Solving the maximum vertex weight clique problem via binary quadratic programming. <i>Journal of Combinatorial Optimization</i> , 2016 , 32, 531-549	0.9	12
208	f-Flip strategies for unconstrained binary quadratic programming. <i>Annals of Operations Research</i> , 2016 , 238, 651-657	3.2	3
207	A hybrid metaheuristic approach for the capacitated arc routing problem. <i>European Journal of Operational Research</i> , 2016 , 253, 25-39	5.6	39
206	An evolutionary path relinking approach for the quadratic multiple knapsack problem. <i>Knowledge-Based Systems</i> , 2016 , 92, 23-34	7.3	21
205	Doubly-rooted stem-and-cycle ejection chain algorithm for the asymmetric traveling salesman problem. <i>Networks</i> , 2016 , 68, 23-33	1.6	4
204	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
203	A tabu search algorithm for cohesive clustering problems. <i>Journal of Heuristics</i> , 2015 , 21, 457-477	1.9	13
202	Backtracking based iterated tabu search for equitable coloring. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 46, 269-278	7.2	10
201	Greedy randomized adaptive search procedure with exterior path relinking for differential dispersion minimization. <i>Information Sciences</i> , 2015 , 296, 46-60	7.7	41
200	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	5.6	26
199	Exact solutions to generalized vertex covering problems: a comparison of two models. <i>Optimization Letters</i> , 2015 , 9, 1331-1339	1.1	9
198	A Complementary Cyber Swarm Algorithm. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2015 , 50-70	0.4	2
197	The unconstrained binary quadratic programming problem: a survey. <i>Journal of Combinatorial Optimization</i> , 2014 , 28, 58-81	0.9	129
196	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

195	Exterior Path Relinking for Zero-One Optimization. <i>International Journal of Applied Metaheuristic Computing</i> , 2014 , 5, 1-8	0.8	15
194	Tabu search with strategic oscillation for the quadratic minimum spanning tree. <i>IIE Transactions</i> , 2014 , 46, 414-428		19
193	Strategic oscillation for the quadratic multiple knapsack problem. <i>Computational Optimization and Applications</i> , 2014 , 58, 161-185	1.4	18
192	Backbone guided tabu search for solving the UBQP problem. <i>Journal of Heuristics</i> , 2013 , 19, 679-695	1.9	20
191	Solving large scale Max Cut problems via tabu search. <i>Journal of Heuristics</i> , 2013 , 19, 565-571	1.9	41
190	Introduction to special xQx issue. <i>Journal of Heuristics</i> , 2013 , 19, 525-528	1.9	2
189	Probabilistic GRASP-Tabu Search algorithms for the UBQP problem. <i>Computers and Operations Research</i> , 2013 , 40, 3100-3107	4.6	33
188	Designing effective improvement methods for scatter search: an experimental study on global optimization. <i>Soft Computing</i> , 2013 , 17, 49-62	3.5	11
187	A Complementary Cyber Swarm Algorithm 2013 , 22-41		
186	Binary Unconstrained Quadratic Optimization Problem 2013 , 533-557		4
185	Tabu Search* 2013 , 3261-3362		51
184	A computational study on the quadratic knapsack problem with multiple constraints. <i>Computers and Operations Research</i> , 2012 , 39, 3-11	4.6	15
183	Path relinking for unconstrained binary quadratic programming. <i>European Journal of Operational Research</i> , 2012 , 223, 595-604	5.6	62
182	Multi-neighborhood tabu search for the maximum weight clique problem. <i>Annals of Operations Research</i> , 2012 , 196, 611-634	3.2	55
181	A Multilevel Algorithm for Large Unconstrained Binary Quadratic Optimization. <i>Lecture Notes in Computer Science</i> , 2012 , 395-408	0.9	3
180	A Complementary Cyber Swarm Algorithm. <i>International Journal of Swarm Intelligence Research</i> , 2011 , 2, 22-41	1.1	4
179	Scatter Search and Path Relinking. <i>International Journal of Swarm Intelligence Research</i> , 2011 , 2, 1-21	1.1	10
178	Polynomial unconstrained binary optimisation – Part 1. <i>International Journal of Metaheuristics</i> , 2011 , 1, 232	0.8	3

177	Polynomial unconstrained binary optimisation (part 2). <i>International Journal of Metaheuristics</i> , 2011 , 1, 317	0.8	7
176	Neighborhood analysis: a case study on curriculum-based course timetabling. <i>Journal of Heuristics</i> , 2011 , 17, 97-118	1.9	50
175	EM323: a line search based algorithm for solving high-dimensional continuous non-linear optimization problems. <i>Soft Computing</i> , 2011 , 15, 2275-2285	3.5	22
174	Integrated exact, hybrid and metaheuristic learning methods for confidentiality protection. <i>Annals of Operations Research</i> , 2011 , 183, 47-73	3.2	3
173	Hybrid scatter tabu search for unconstrained global optimization. <i>Annals of Operations Research</i> , 2011 , 183, 95-123	3.2	37
172	The case for strategic oscillation. <i>Annals of Operations Research</i> , 2011 , 183, 163-173	3.2	45
171	A filter-and-fan approach to the 2D HP model of the protein folding problem. <i>Annals of Operations Research</i> , 2011 , 188, 389-414	3.2	10
170	A simple and effective algorithm for the MaxMin diversity problem. <i>Annals of Operations Research</i> , 2011 , 186, 275-293	3.2	20
169	Traveling salesman problem heuristics: Leading methods, implementations and latest advances. <i>European Journal of Operational Research</i> , 2011 , 211, 427-441	5.6	127
168	Pseudo-Cut Strategies for Global Optimization. <i>International Journal of Applied Metaheuristic Computing</i> , 2011 , 2, 1-12	0.8	2
167	Effective Variable Fixing and Scoring Strategies for Binary Quadratic Programming. <i>Lecture Notes in Computer Science</i> , 2011 , 72-83	0.9	5
166	Fast two-flip move evaluations for binary unconstrained quadratic optimisation problems. <i>International Journal of Metaheuristics</i> , 2010 , 1, 100	0.8	10
165	Efficient evaluations for solving large 0-1 unconstrained quadratic optimisation problems. <i>International Journal of Metaheuristics</i> , 2010 , 1, 3	0.8	30
164	Adaptive memory programming for constrained global optimization. <i>Computers and Operations Research</i> , 2010 , 37, 1500-1509	4.6	28
163	Diversification-driven tabu search for unconstrained binary quadratic problems. <i>4or</i> , 2010 , 8, 239-253	1.4	46
162	Ejection chain and filter-and-fan methods in combinatorial optimization. <i>Annals of Operations Research</i> , 2010 , 175, 77-105	3.2	13
161	RAMP for the capacitated minimum spanning tree problem. <i>Annals of Operations Research</i> , 2010 , 181, 661-681	3.2	17
160	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	1.2	17

159	Alternating control tree search for knapsack/covering problems. <i>Journal of Heuristics</i> , 2010 , 16, 239-258	1.9	9
158	An ejection chain algorithm for the quadratic assignment problem. <i>Networks</i> , 2010 , 56, 188-206	1.6	15
157	Cyber Swarm Algorithms – Improving particle swarm optimization using adaptive memory strategies. <i>European Journal of Operational Research</i> , 2010 , 201, 377-389	5.6	41
156	A hybrid metaheuristic approach to solving the UBQP problem. <i>European Journal of Operational Research</i> , 2010 , 207, 1254-1262	5.6	62
155	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	0.8	3
154	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	0.8	9
153	A Study of Memetic Search with Multi-parent Combination for UBQP. <i>Lecture Notes in Computer Science</i> , 2010 , 154-165	0.9	5
152	Scatter Search and Path-Relinking: Fundamentals, Advances, and Applications. <i>Profiles in Operations Research</i> , 2010 , 87-107	1	50
151	Unidimensional Search for Solving Continuous High-Dimensional Optimization Problems 2009 ,		10
150	A NEW LEARNING APPROACH TO PROCESS IMPROVEMENT IN A TELECOMMUNICATIONS COMPANY. <i>Production and Operations Management</i> , 2009 , 4, 217-227	3.6	4
149	A cooperative parallel tabu search algorithm for the quadratic assignment problem. <i>European Journal of Operational Research</i> , 2009 , 195, 810-826	5.6	89
148	Contributions of Professor William W. Cooper in Operations Research and Management Science. <i>European Journal of Operational Research</i> , 2009 , 197, 1-16	5.6	80
147	Finding local optima of high-dimensional functions using direct search methods. <i>European Journal of Operational Research</i> , 2009 , 195, 31-45	5.6	35
146	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		91
145	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	0.9	12
144	Multi-objective Meta-heuristics for the Traveling Salesman Problem with Profits. <i>Mathematical Modelling and Algorithms</i> , 2008 , 7, 177-195		43
143	Second-order cover inequalities. <i>Mathematical Programming</i> , 2008 , 114, 207-234	2.1	6
142	Higher-order cover cuts from zero-one knapsack constraints augmented by two-sided bounding inequalities. <i>Discrete Optimization</i> , 2008 , 5, 270-289	1	4

141	Solving group technology problems via clique partitioning. <i>Flexible Services and Manufacturing Journal</i> , 2007 , 18, 77-97		28
140	Infeasible/feasible search trajectories and directional rounding in integer programming. <i>Journal of Heuristics</i> , 2007 , 13, 505-541	1.9	10
139	Tabu searchâUncharted domains. <i>Annals of Operations Research</i> , 2007 , 149, 89-98	3.2	9
138	Solving the maximum edge weight clique problem via unconstrained quadratic programming. <i>European Journal of Operational Research</i> , 2007 , 181, 592-597	5.6	49
137	Scatter Search and Local NLP Solvers: A Multistart Framework for Global Optimization. <i>INFORMS Journal on Computing</i> , 2007 , 19, 328-340	2.4	405
136	Inequalities and Target Objectives for Metaheuristic Search âPart I: Mixed Binary Optimization 2007 , 439-474		4
135	A Path Relinking Approach for the Multi-Resource Generalized Quadratic Assignment Problem 2007 , 121-135		4
134	Implementation analysis of efficient heuristic algorithms for the traveling salesman problem. <i>Computers and Operations Research</i> , 2006 , 33, 1154-1172	4.6	26
133	A path relinking approach with ejection chains for the generalized assignment problem. <i>European Journal of Operational Research</i> , 2006 , 169, 548-569	5.6	83
132	An effective modeling and solution approach for the generalized independent set problem. <i>Optimization Letters</i> , 2006 , 1, 111-117	1.1	9
131	Selecting Project Portfolios by Optimizing Simulations. <i>Engineering Economist</i> , 2006 , 51, 81-97	0.8	23
130	Principles of scatter search. <i>European Journal of Operational Research</i> , 2006 , 169, 359-372	5.6	268
129	Parametric tabu-search for mixed integer programs. <i>Computers and Operations Research</i> , 2006 , 33, 2449-2494	4.6	39
128	Ejection chain and filter-and-fan methods in combinatorial optimization. <i>4or</i> , 2006 , 4, 263-296	1.4	18
127	A Unified Framework for Modeling and Solving Combinatorial Optimization Problems: A Tutorial 2006 , 101-124		6
126	Using the unconstrained quadratic program to model and solve Max 2-SAT problems. <i>International Journal of Operational Research</i> , 2005 , 1, 89	0.9	12
125	Data structures and ejection chains for solving large-scale traveling salesman problems. <i>European Journal of Operational Research</i> , 2005 , 160, 154-171	5.6	22
124	ChvatalâComoryâEier cuts for general integer programs. <i>Discrete Optimization</i> , 2005 , 2, 51-69	1	2

123	An Unconstrained Quadratic Binary Programming Approach to the Vertex Coloring Problem. <i>Annals of Operations Research</i> , 2005 , 139, 229-241	3.2	31
122	Some Classes of Valid Inequalities and Convex Hull Characterizations for Dynamic Fixed-Charge Problems under Nested Constraints. <i>Annals of Operations Research</i> , 2005 , 140, 215-233	3.2	6
121	The feasibility pump. <i>Mathematical Programming</i> , 2005 , 104, 91-104	2.1	225
120	Clustering of Microarray data via Clique Partitioning. <i>Journal of Combinatorial Optimization</i> , 2005 , 10, 77-92	0.9	31
119	Parametric Ghost Image Processes for Fixed-Charge Problems: A Study of Transportation Networks. <i>Journal of Heuristics</i> , 2005 , 11, 307-336	1.9	21
118	Further Extension of the TSP Assign Neighborhood. <i>Journal of Heuristics</i> , 2005 , 11, 501-505	1.9	3
117	A new modeling and solution approach for the number partitioning problem. <i>Journal of Applied Mathematics and Decision Sciences</i> , 2005 , 2005, 113-121		14
116	Metaheuristic Agent Processes (MAPS) 2005 , 1-28		
115	Adaptive Memory Projection Methods for Integer Programming 2005 , 425-440		15
114	A Hybrid Improvement Heuristic for the One-Dimensional Bin Packing Problem. <i>Journal of Heuristics</i> , 2004 , 10, 205-229	1.9	82
113	A very large-scale neighborhood search algorithm for the multi-resource generalized assignment problem. <i>Discrete Optimization</i> , 2004 , 1, 87-98	1	42
112	A unified modeling and solution framework for combinatorial optimization problems. <i>OR Spectrum</i> , 2004 , 26, 237-250	1.9	71
111	Adaptive memory search for Boolean optimization problems. <i>Discrete Applied Mathematics</i> , 2004 , 142, 99-109	1	20
110	Comparisons and enhancement strategies for linearizing mixed 0-1 quadratic programs. <i>Discrete Optimization</i> , 2004 , 1, 99-120	1	58
109	An Ejection Chain Approach for the Generalized Assignment Problem. <i>INFORMS Journal on Computing</i> , 2004 , 16, 133-151	2.4	103
108	Scatter Search and Path Relinking: Foundations and Advanced Designs. <i>Studies in Fuzziness and Soft Computing</i> , 2004 , 87-99	0.7	19
107	Tutorial on Surrogate Constraint Approaches for Optimization in Graphs. <i>Journal of Heuristics</i> , 2003 , 9, 175-227	1.9	16
106	Foundation-penalty cuts for mixed-integer programs. <i>Operations Research Letters</i> , 2003 , 31, 245-253	1	11

105	Tabu search and finite convergence. <i>Discrete Applied Mathematics</i> , 2002 , 119, 3-36	1	46
104	One-pass heuristics for large-scale unconstrained binary quadratic problems. <i>European Journal of Operational Research</i> , 2002 , 137, 272-287	5.6	47
103	Resolution Search and Dynamic Branch-and-Bound. <i>Journal of Combinatorial Optimization</i> , 2002 , 6, 401-423	4.3	4
102	Cutting and Surrogate Constraint Analysis for Improved Multidimensional Knapsack Solutions. <i>Annals of Operations Research</i> , 2002 , 117, 71-93	3.2	33
101	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	2.8	6
100	Solving Quadratic Knapsack Problems by Reformulation and Tabu Search: Single Constraint Case. <i>Network Optimization Problems: Algorithms, Applications and Complexity</i> , 2002 , 111-121		4
99	Reducing the bandwidth of a sparse matrix with tabu search. <i>European Journal of Operational Research</i> , 2001 , 135, 450-459	5.6	68
98	Construction heuristics for the asymmetric TSP. <i>European Journal of Operational Research</i> , 2001 , 129, 555-568	5.6	65
97	An Experimental Evaluation of a Scatter Search for the Linear Ordering Problem. <i>Journal of Global Optimization</i> , 2001 , 21, 397-414	1.5	87
96	Tabu Search and Evolutionary Scatter Search for "Tree-Star" Network Problems, with Applications to Leased-Line Network Design 2001 , 57-77		3
95	The deterministic multi-item dynamic lot size problem with joint business volume discount. <i>Annals of Operations Research</i> , 2000 , 96, 317-337	3.2	29
94	Multi-Start and Strategic Oscillation Methods "Principles to Exploit Adaptive Memory. <i>Operations Research/ Computer Science Interfaces Series</i> , 2000 , 1-23	0.3	45
93	Scatter Search to Generate Diverse MIP Solutions. <i>Operations Research/ Computer Science Interfaces Series</i> , 2000 , 299-317	0.3	22
92	Improved Constructive Multistart Strategies for the Quadratic Assignment Problem Using Adaptive Memory. <i>INFORMS Journal on Computing</i> , 1999 , 11, 198-204	2.4	116
91	Tabu Search with Critical Event Memory: An Enhanced Application for Binary Quadratic Programs 1999 , 93-109		18
90	Solving zero-one mixed integer programming problems using tabu search. <i>European Journal of Operational Research</i> , 1998 , 106, 624-658	5.6	74
89	Tabu search "wellsprings and challenges. <i>European Journal of Operational Research</i> , 1998 , 106, 221-225	5.6	20
88	Heuristic algorithms for the maximum diversity problem. <i>Journal of Information and Optimization Sciences</i> , 1998 , 19, 109-132	1.1	54

87	A template for scatter search and path relinking. <i>Lecture Notes in Computer Science</i> , 1998 , 1-51	0.9	216
86	Adaptive Memory Tabu Search for Binary Quadratic Programs. <i>Management Science</i> , 1998 , 44, 336-345	3.9	140
85	Integrative Population Analysis for Better Solutions to Large-Scale Mathematical Programs. <i>Applied Optimization</i> , 1998 , 212-239		3
84	Tabu Search 1997 ,		2326
83	Tabu Search and Ejection Chains—Application to a Node Weighted Version of the Cardinality-Constrained TSP. <i>Management Science</i> , 1997 , 43, 908-921	3.9	14
82	Generating Cuts from Surrogate Constraint Analysis for Zero-One and Multiple Choice Programming. <i>Computational Optimization and Applications</i> , 1997 , 8, 151-172	1.4	19
81	Tabu search for dynamic routing communications network design. <i>Telecommunication Systems</i> , 1997 , 8, 55-77	2.3	19
80	General Purpose Heuristics for Integer Programming—Part II. <i>Journal of Heuristics</i> , 1997 , 3, 161-179	1.9	33
79	General purpose heuristics for integer programming—Part I. <i>Journal of Heuristics</i> , 1997 , 2, 343-358	1.9	36
78	Surrogate constraint analysis—New heuristics and learning schemes for satisfiability problems. <i>DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , 1997 , 537-572		8
77	Tabu search for graph partitioning. <i>Annals of Operations Research</i> , 1996 , 63, 209-232	3.2	43
76	Using tabu search to solve the Steiner tree-star problem in telecommunications network design. <i>Telecommunication Systems</i> , 1996 , 6, 117-125	2.3	27
75	Ejection chains, reference structures and alternating path methods for traveling salesman problems. <i>Discrete Applied Mathematics</i> , 1996 , 65, 223-253	1	166
74	Finding a best traveling salesman 4-opt move in the same time as a best 2-opt move. <i>Journal of Heuristics</i> , 1996 , 2, 169	1.9	18
73	Critical Event Tabu Search for Multidimensional Knapsack Problems 1996 , 407-427		51
72	Probabilistic Move Selection in Tabu Search for Zero-One Mixed Integer Programming Problems 1996 , 467-487		15
71	Tabu search for the multilevel generalized assignment problem. <i>European Journal of Operational Research</i> , 1995 , 82, 176-189	5.6	128
70	Genetic algorithms and tabu search: Hybrids for optimization. <i>Computers and Operations Research</i> , 1995 , 22, 111-134	4.6	166

69	New results for aggregating integer-valued equations. <i>Annals of Operations Research</i> , 1995 , 58, 227-242	3.2	5
68	Scatter search and star-paths: beyond the genetic metaphor. <i>OR Spectrum</i> , 1995 , 17, 125-137	1.9	53
67	Tabu Thresholding: Improved Search by Nonmonotonic Trajectories. <i>ORSA Journal on Computing</i> , 1995 , 7, 426-442		75
66	Genetic algorithms and scatter search: unsuspected potentials. <i>Statistics and Computing</i> , 1994 , 4, 131	1.8	79
65	Optimization by ghost image processes in neural networks. <i>Computers and Operations Research</i> , 1994 , 21, 801-822	4.6	13
64	Applying tabu search with influential diversification to multiprocessor scheduling. <i>Computers and Operations Research</i> , 1994 , 21, 877-884	4.6	40
63	A study of diversification strategies for the quadratic assignment problem. <i>Computers and Operations Research</i> , 1994 , 21, 885-893	4.6	34
62	Tabu search for nonlinear and parametric optimization (with links to genetic algorithms). <i>Discrete Applied Mathematics</i> , 1994 , 49, 231-255	1	132
61	Bandwidth Packing: A Tabu Search Approach. <i>Management Science</i> , 1993 , 39, 492-500	3.9	71
60	Extensions of the Petal Method for Vehicle Routeing. <i>Journal of the Operational Research Society</i> , 1993 , 44, 289-296	2	51
59	Integrating target analysis and tabu search for improved scheduling systems. <i>Expert Systems With Applications</i> , 1993 , 6, 287-297	7.8	53
58	Intelligent scheduling with tabu search: An application to jobs with linear delay penalties and sequence-dependent setup costs and times. <i>Applied Intelligence</i> , 1993 , 3, 159-172	4.9	22
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