

# Fred Glover

## List of Publications by Citations

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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	Tabu Search—Part I. <i>ORSA Journal on Computing</i> , <b>1989</b> , 1, 190-206		4081
247	Tabu Search—Part II. <i>ORSA Journal on Computing</i> , <b>1990</b> , 2, 4-32		2426
246	Tabu Search <b>1997</b> ,		2326
245	Future paths for integer programming and links to artificial intelligence. <i>Computers and Operations Research</i> , <b>1986</b> , 13, 533-549	4.6	2270
244	HEURISTICS FOR INTEGER PROGRAMMING USING SURROGATE CONSTRAINTS. <i>Decision Sciences</i> , <b>1977</b> , 8, 156-166	3.7	962
243	Tabu Search: A Tutorial. <i>Interfaces</i> , <b>1990</b> , 20, 74-94	0.7	629
242	Improved Linear Integer Programming Formulations of Nonlinear Integer Problems. <i>Management Science</i> , <b>1975</b> , 22, 455-460	3.9	509
241	A user's guide to tabu search. <i>Annals of Operations Research</i> , <b>1993</b> , 41, 1-28	3.2	465
240	Scatter Search and Local NLP Solvers: A Multistart Framework for Global Optimization. <i>INFORMS Journal on Computing</i> , <b>2007</b> , 19, 328-340	2.4	405
239	Technical Note—Converting the 0-1 Polynomial Programming Problem to a 0-1 Linear Program. <i>Operations Research</i> , <b>1974</b> , 22, 180-182	2.3	269
238	Principles of scatter search. <i>European Journal of Operational Research</i> , <b>2006</b> , 169, 359-372	5.6	268
237	Simple but powerful goal programming models for discriminant problems. <i>European Journal of Operational Research</i> , <b>1981</b> , 7, 44-60	5.6	265
236	The feasibility pump. <i>Mathematical Programming</i> , <b>2005</b> , 104, 91-104	2.1	225
235	A template for scatter search and path relinking. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 1-51	0.9	216
234	A Multiphase-Dual Algorithm for the Zero-One Integer Programming Problem. <i>Operations Research</i> , <b>1965</b> , 13, 879-919	2.3	207
233	New approaches for heuristic search: A bilateral linkage with artificial intelligence. <i>European Journal of Operational Research</i> , <b>1989</b> , 39, 119-130	5.6	178
232	EVALUATING ALTERNATIVE LINEAR PROGRAMMING MODELS TO SOLVE THE TWO-GROUP DISCRIMINANT PROBLEM. <i>Decision Sciences</i> , <b>1986</b> , 17, 151-162	3.7	177

231	Applications and Implementation. <i>Decision Sciences</i> , <b>1981</b> , 12, 68-74	3.7	177
230	Improved Linear Programming Models for Discriminant Analysis*. <i>Decision Sciences</i> , <b>1990</b> , 21, 771-785	3.7	174
229	The general employee scheduling problem. An integration of MS and AI. <i>Computers and Operations Research</i> , <b>1986</b> , 13, 563-573	4.6	170
228	Genetic algorithms and tabu search: Hybrids for optimization. <i>Computers and Operations Research</i> , <b>1995</b> , 22, 111-134	4.6	166
227	Ejection chains, reference structures and alternating path methods for traveling salesman problems. <i>Discrete Applied Mathematics</i> , <b>1996</b> , 65, 223-253	1	166
226	Surrogate Constraints. <i>Operations Research</i> , <b>1968</b> , 16, 741-749	2.3	144
225	Adaptive Memory Tabu Search for Binary Quadratic Programs. <i>Management Science</i> , <b>1998</b> , 44, 336-345	3.9	140
224	Surrogate Constraint Duality in Mathematical Programming. <i>Operations Research</i> , <b>1975</b> , 23, 434-451	2.3	133
223	Tabu search for nonlinear and parametric optimization (with links to genetic algorithms). <i>Discrete Applied Mathematics</i> , <b>1994</b> , 49, 231-255	1	132
222	The unconstrained binary quadratic programming problem: a survey. <i>Journal of Combinatorial Optimization</i> , <b>2014</b> , 28, 58-81	0.9	129
221	Tabu search for the multilevel generalized assignment problem. <i>European Journal of Operational Research</i> , <b>1995</b> , 82, 176-189	5.6	128
220	Traveling salesman problem heuristics: Leading methods, implementations and latest advances. <i>European Journal of Operational Research</i> , <b>2011</b> , 211, 427-441	5.6	127
219	The Passenger-Mix Problem in the Scheduled Airlines. <i>Interfaces</i> , <b>1982</b> , 12, 73-80	0.7	123
218	Improved Constructive Multistart Strategies for the Quadratic Assignment Problem Using Adaptive Memory. <i>INFORMS Journal on Computing</i> , <b>1999</b> , 11, 198-204	2.4	116
217	A Computation Study on Start Procedures, Basis Change Criteria, and Solution Algorithms for Transportation Problems. <i>Management Science</i> , <b>1974</b> , 20, 793-813	3.9	115
216	Maximum matching in a convex bipartite graph. <i>Naval Research Logistics Quarterly</i> , <b>1967</b> , 14, 313-316		115
215	Analyzing and Modeling the Maximum Diversity Problem by Zero-One Programming*. <i>Decision Sciences</i> , <b>1993</b> , 24, 1171-1185	3.7	114
214	An Ejection Chain Approach for the Generalized Assignment Problem. <i>INFORMS Journal on Computing</i> , <b>2004</b> , 16, 133-151	2.4	103

213	A NEW CLASS OF MODELS FOR THE DISCRIMINANT PROBLEM. <i>Decision Sciences</i> , <b>1988</b> , 19, 269-280	3.7	102
212	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> , <b>2009</b> , 39, 579-596		91
211	A cooperative parallel tabu search algorithm for the quadratic assignment problem. <i>European Journal of Operational Research</i> , <b>2009</b> , 195, 810-826	5.6	89
210	An Experimental Evaluation of a Scatter Search for the Linear Ordering Problem. <i>Journal of Global Optimization</i> , <b>2001</b> , 21, 397-414	1.5	87
209	A path relinking approach with ejection chains for the generalized assignment problem. <i>European Journal of Operational Research</i> , <b>2006</b> , 169, 548-569	5.6	83
208	A Hybrid Improvement Heuristic for the One-Dimensional Bin Packing Problem. <i>Journal of Heuristics</i> , <b>2004</b> , 10, 205-229	1.9	82
207	A New Optimization Method for Large Scale Fixed Charge Transportation Problems. <i>Operations Research</i> , <b>1981</b> , 29, 448-463	2.3	81
206	Contributions of Professor William W. Cooper in Operations Research and Management Science. <i>European Journal of Operational Research</i> , <b>2009</b> , 197, 1-16	5.6	80
205	Artificial intelligence, heuristic frameworks and tabu search. <i>Managerial and Decision Economics</i> , <b>1990</b> , 11, 365-375	1.1	80
204	Genetic algorithms and scatter search: unsuspected potentials. <i>Statistics and Computing</i> , <b>1994</b> , 4, 131	1.8	79
203	Further Reduction of Zero-One Polynomial Programming Problems to Zero-One linear Programming Problems. <i>Operations Research</i> , <b>1973</b> , 21, 156-161	2.3	76
202	Tabu Thresholding: Improved Search by Nonmonotonic Trajectories. <i>ORSA Journal on Computing</i> , <b>1995</b> , 7, 426-442		75
201	Solving zero-one mixed integer programming problems using tabu search. <i>European Journal of Operational Research</i> , <b>1998</b> , 106, 624-658	5.6	74
200	Notes and Communications RESOLVING CERTAIN DIFFICULTIES AND IMPROVING THE CLASSIFICATION POWER OF LP DISCRIMINANT ANALYSIS FORMULATIONS. <i>Decision Sciences</i> , <b>1986</b> , 17, 589-595	3.7	72
199	A unified modeling and solution framework for combinatorial optimization problems. <i>OR Spectrum</i> , <b>2004</b> , 26, 237-250	1.9	71
198	Bandwidth Packing: A Tabu Search Approach. <i>Management Science</i> , <b>1993</b> , 39, 492-500	3.9	71
197	Reducing the bandwidth of a sparse matrix with tabu search. <i>European Journal of Operational Research</i> , <b>2001</b> , 135, 450-459	5.6	68
196	The Augmented Predecessor Index Method for Locating Stepping-Stone Paths and Assigning Dual Prices in Distribution Problems. <i>Transportation Science</i> , <b>1972</b> , 6, 171-179	4.4	66

195	Construction heuristics for the asymmetric TSP. <i>European Journal of Operational Research</i> , <b>2001</b> , 129, 555-568	5.6	65
194	Path relinking for unconstrained binary quadratic programming. <i>European Journal of Operational Research</i> , <b>2012</b> , 223, 595-604	5.6	62
193	A hybrid metaheuristic approach to solving the UBQP problem. <i>European Journal of Operational Research</i> , <b>2010</b> , 207, 1254-1262	5.6	62
192	Comparisons and enhancement strategies for linearizing mixed 0-1 quadratic programs. <i>Discrete Optimization</i> , <b>2004</b> , 1, 99-120	1	58
191	Multi-neighborhood tabu search for the maximum weight clique problem. <i>Annals of Operations Research</i> , <b>2012</b> , 196, 611-634	3.2	55
190	Heuristic algorithms for the maximum diversity problem. <i>Journal of Information and Optimization Sciences</i> , <b>1998</b> , 19, 109-132	1.1	54
189	Scatter search and star-paths: beyond the genetic metaphor. <i>OR Spectrum</i> , <b>1995</b> , 17, 125-137	1.9	53
188	Integrating target analysis and tabu search for improved scheduling systems. <i>Expert Systems With Applications</i> , <b>1993</b> , 6, 287-297	7.8	53
187	<b>1992</b> ,		52
186	Critical Event Tabu Search for Multidimensional Knapsack Problems <b>1996</b> , 407-427		51
185	Extensions of the Petal Method for Vehicle Routeing. <i>Journal of the Operational Research Society</i> , <b>1993</b> , 44, 289-296	2	51
184	Tabu Search* <b>2013</b> , 3261-3362		51
183	Neighborhood analysis: a case study on curriculum-based course timetabling. <i>Journal of Heuristics</i> , <b>2011</b> , 17, 97-118	1.9	50
182	Scatter Search and Path-Relinking: Fundamentals, Advances, and Applications. <i>Profiles in Operations Research</i> , <b>2010</b> , 87-107	1	50
181	Solving the maximum edge weight clique problem via unconstrained quadratic programming. <i>European Journal of Operational Research</i> , <b>2007</b> , 181, 592-597	5.6	49
180	One-pass heuristics for large-scale unconstrained binary quadratic problems. <i>European Journal of Operational Research</i> , <b>2002</b> , 137, 272-287	5.6	47
179	Diversification-driven tabu search for unconstrained binary quadratic problems. <i>4or</i> , <b>2010</b> , 8, 239-253	1.4	46
178	Tabu search and finite convergence. <i>Discrete Applied Mathematics</i> , <b>2002</b> , 119, 3-36	1	46

177	The case for strategic oscillation. <i>Annals of Operations Research</i> , <b>2011</b> , 183, 163-173	3.2	45
176	Multi-Start and Strategic Oscillation Methods âPrinciples to Exploit Adaptive Memory. <i>Operations Research/ Computer Science Interfaces Series</i> , <b>2000</b> , 1-23	0.3	45
175	Multi-objective Meta-heuristics for the Traveling Salesman Problem with Profits. <i>Mathematical Modelling and Algorithms</i> , <b>2008</b> , 7, 177-195		43
174	Tabu search for graph partitioning. <i>Annals of Operations Research</i> , <b>1996</b> , 63, 209-232	3.2	43
173	A very large-scale neighborhood search algorithm for the multi-resource generalized assignment problem. <i>Discrete Optimization</i> , <b>2004</b> , 1, 87-98	1	42
172	Greedy randomized adaptive search procedure with exterior path relinking for differential dispersion minimization. <i>Information Sciences</i> , <b>2015</b> , 296, 46-60	7.7	41
171	Solving large scale Max Cut problems via tabu search. <i>Journal of Heuristics</i> , <b>2013</b> , 19, 565-571	1.9	41
170	Cyber Swarm Algorithms âImproving particle swarm optimization using adaptive memory strategies. <i>European Journal of Operational Research</i> , <b>2010</b> , 201, 377-389	5.6	41
169	Applying tabu search with influential diversification to multiprocessor scheduling. <i>Computers and Operations Research</i> , <b>1994</b> , 21, 877-884	4.6	40
168	A hybrid metaheuristic approach for the capacitated arc routing problem. <i>European Journal of Operational Research</i> , <b>2016</b> , 253, 25-39	5.6	39
167	Parametric tabu-search for mixed integer programs. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 2449-2494	4.4	39
166	Enhancements Of Spanning Tree Labelling Procedures For Network Optimization. <i>Infor</i> , <b>1979</b> , 17, 16-34	0.5	38
165	Hybrid scatter tabu search for unconstrained global optimization. <i>Annals of Operations Research</i> , <b>2011</b> , 183, 95-123	3.2	37
164	General purpose heuristics for integer programmingâPart I. <i>Journal of Heuristics</i> , <b>1997</b> , 2, 343-358	1.9	36
163	Least-cost network topology design for a new service. <i>Annals of Operations Research</i> , <b>1991</b> , 33, 351-362	3.2	36
162	Quantum Bridge Analytics I: a tutorial on formulating and using QUBO models. <i>4or</i> , <b>2019</b> , 17, 335-371	1.4	36
161	Finding local optima of high-dimensional functions using direct search methods. <i>European Journal of Operational Research</i> , <b>2009</b> , 195, 31-45	5.6	35
160	NEW EJECTION CHAIN AND ALTERNATING PATH METHODS FOR TRAVELING SALESMAN PROBLEMS <b>1992</b> , 491-509		35

159	A study of diversification strategies for the quadratic assignment problem. <i>Computers and Operations Research</i> , <b>1994</b> , 21, 885-893	4.6	34
158	A History of Metaheuristics <b>2018</b> , 791-808		34
157	A tabu search based memetic algorithm for the maximum diversity problem. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 27, 103-114	7.2	33
156	Probabilistic GRASP-Tabu Search algorithms for the UBQP problem. <i>Computers and Operations Research</i> , <b>2013</b> , 40, 3100-3107	4.6	33
155	General Purpose Heuristics for Integer ProgrammingâPart II. <i>Journal of Heuristics</i> , <b>1997</b> , 3, 161-179	1.9	33
154	Cutting and Surrogate Constraint Analysis for Improved Multidimensional Knapsack Solutions. <i>Annals of Operations Research</i> , <b>2002</b> , 117, 71-93	3.2	33
153	An Unconstrained Quadratic Binary Programming Approach to the Vertex Coloring Problem. <i>Annals of Operations Research</i> , <b>2005</b> , 139, 229-241	3.2	31
152	Clustering of Microarray data via Clique Partitioning. <i>Journal of Combinatorial Optimization</i> , <b>2005</b> , 10, 77-92	0.9	31
151	Efficient evaluations for solving large 0-1 unconstrained quadratic optimisation problems. <i>International Journal of Metaheuristics</i> , <b>2010</b> , 1, 3	0.8	30
150	Netform Modeling and Applications. <i>Interfaces</i> , <b>1990</b> , 20, 7-27	0.7	30
149	A two-phase tabu-evolutionary algorithm for the 0â1 multidimensional knapsack problem. <i>Information Sciences</i> , <b>2018</b> , 436-437, 282-301	7.7	29
148	The deterministic multi-item dynamic lot size problem with joint business volume discount. <i>Annals of Operations Research</i> , <b>2000</b> , 96, 317-337	3.2	29
147	Adaptive memory programming for constrained global optimization. <i>Computers and Operations Research</i> , <b>2010</b> , 37, 1500-1509	4.6	28
146	Solving group technology problems via clique partitioning. <i>Flexible Services and Manufacturing Journal</i> , <b>2007</b> , 18, 77-97		28
145	Improved Computer-Based Planning Techniques, Part 1. <i>Interfaces</i> , <b>1978</b> , 8, 16-25	0.7	28
144	A Tabu search based clustering algorithm and its parallel implementation on Spark. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 63, 97-109	7.5	28
143	Using tabu search to solve the Steiner tree-star problem in telecommunications network design. <i>Telecommunication Systems</i> , <b>1996</b> , 6, 117-125	2.3	27
142	Effective metaheuristic algorithms for the minimum differential dispersion problem. <i>European Journal of Operational Research</i> , <b>2017</b> , 258, 829-843	5.6	26

141	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> , <b>2015</b> , 241, 697-707	5.6	26
140	Implementation analysis of efficient heuristic algorithms for the traveling salesman problem. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 1154-1172	4.6	26
139	Strong formulations and cutting planes for designing digital data service networks. <i>Telecommunication Systems</i> , <b>1993</b> , 2, 261-274	2.3	25
138	A heuristic programming approach to the employee scheduling problem and some thoughts on âmanagerial robotsâ <i>Journal of Operations Management</i> , <b>1984</b> , 4, 113-128	5.2	24
137	Selecting Project Portfolios by Optimizing Simulations. <i>Engineering Economist</i> , <b>2006</b> , 51, 81-97	0.8	23
136	A History of Metaheuristics <b>2018</b> , 1-18		23
135	EM323: a line search based algorithm for solving high-dimensional continuous non-linear optimization problems. <i>Soft Computing</i> , <b>2011</b> , 15, 2275-2285	3.5	22
134	Data structures and ejection chains for solving large-scale traveling salesman problems. <i>European Journal of Operational Research</i> , <b>2005</b> , 160, 154-171	5.6	22
133	Intelligent scheduling with tabu search: An application to jobs with linear delay penalties and sequence-dependent setup costs and times. <i>Applied Intelligence</i> , <b>1993</b> , 3, 159-172	4.9	22
132	Scatter Search to Generate Diverse MIP Solutions. <i>Operations Research/ Computer Science Interfaces Series</i> , <b>2000</b> , 299-317	0.3	22
131	An evolutionary path relinking approach for the quadratic multiple knapsack problem. <i>Knowledge-Based Systems</i> , <b>2016</b> , 92, 23-34	7.3	21
130	Parametric Ghost Image Processes for Fixed-Charge Problems: A Study of Transportation Networks. <i>Journal of Heuristics</i> , <b>2005</b> , 11, 307-336	1.9	21
129	Backbone guided tabu search for solving the UBQP problem. <i>Journal of Heuristics</i> , <b>2013</b> , 19, 679-695	1.9	20
128	A simple and effective algorithm for the MaxMin diversity problem. <i>Annals of Operations Research</i> , <b>2011</b> , 186, 275-293	3.2	20
127	Tabu search â wellsprings and challenges. <i>European Journal of Operational Research</i> , <b>1998</b> , 106, 221-225	5.6	20
126	Adaptive memory search for Boolean optimization problems. <i>Discrete Applied Mathematics</i> , <b>2004</b> , 142, 99-109	1	20
125	Tabu search with strategic oscillation for the quadratic minimum spanning tree. <i>IIE Transactions</i> , <b>2014</b> , 46, 414-428		19
124	Generating Cuts from Surrogate Constraint Analysis for Zero-One and Multiple Choice Programming. <i>Computational Optimization and Applications</i> , <b>1997</b> , 8, 151-172	1.4	19

123	Tabu search for dynamic routing communications network design. <i>Telecommunication Systems</i> , <b>1997</b> , 8, 55-77	2.3	19
122	Scatter Search and Path Relinking: Foundations and Advanced Designs. <i>Studies in Fuzziness and Soft Computing</i> , <b>2004</b> , 87-99	0.7	19
121	Probabilistic Tabu Search for the Cross-Docking Assignment Problem. <i>European Journal of Operational Research</i> , <b>2019</b> , 277, 875-885	5.6	18
120	Strategic oscillation for the quadratic multiple knapsack problem. <i>Computational Optimization and Applications</i> , <b>2014</b> , 58, 161-185	1.4	18
119	Ejection chain and filter-and-fan methods in combinatorial optimization. <i>4or</i> , <b>2006</b> , 4, 263-296	1.4	18
118	Finding a best traveling salesman 4-opt move in the same time as a best 2-opt move. <i>Journal of Heuristics</i> , <b>1996</b> , 2, 169	1.9	18
117	A comparative study of formulations for a cross-dock door assignment problem. <i>Omega</i> , <b>2020</b> , 91, 1020152	1.52	18
116	Tabu Search with Critical Event Memory: An Enhanced Application for Binary Quadratic Programs <b>1999</b> , 93-109		18
115	RAMP for the capacitated minimum spanning tree problem. <i>Annals of Operations Research</i> , <b>2010</b> , 181, 661-681	3.2	17
114	Creating balanced and connected clusters to improve service delivery routes in logistics planning. <i>Journal of Systems Science and Systems Engineering</i> , <b>2010</b> , 19, 453-480	1.2	17
113	Tutorial on Surrogate Constraint Approaches for Optimization in Graphs. <i>Journal of Heuristics</i> , <b>2003</b> , 9, 175-227	1.9	16
112	Solution-based tabu search for the maximum min-sum dispersion problem. <i>Information Sciences</i> , <b>2018</b> , 441, 79-94	7.7	15
111	A computational study on the quadratic knapsack problem with multiple constraints. <i>Computers and Operations Research</i> , <b>2012</b> , 39, 3-11	4.6	15
110	Exterior Path Relinking for Zero-One Optimization. <i>International Journal of Applied Metaheuristic Computing</i> , <b>2014</b> , 5, 1-8	0.8	15
109	An ejection chain algorithm for the quadratic assignment problem. <i>Networks</i> , <b>2010</b> , 56, 188-206	1.6	15
108	Adaptive Memory Projection Methods for Integer Programming <b>2005</b> , 425-440		15
107	Flows in Arborescences. <i>Management Science</i> , <b>1971</b> , 17, 568-586	3.9	15
106	Probabilistic Move Selection in Tabu Search for Zero-One Mixed Integer Programming Problems <b>1996</b> , 467-487		15

105	Quadratic unconstrained binary optimization problem preprocessing: Theory and empirical analysis. <i>Networks</i> , <b>2017</b> , 70, 79-97	1.6	14
104	Tabu Search and Ejection Chains—Application to a Node Weighted Version of the Cardinality-Constrained TSP. <i>Management Science</i> , <b>1997</b> , 43, 908-921	3.9	14
103	A new modeling and solution approach for the number partitioning problem. <i>Journal of Applied Mathematics and Decision Sciences</i> , <b>2005</b> , 2005, 113-121		14
102	Threshold assignment algorithm. <i>Mathematical Programming Studies</i> , <b>1986</b> , 12-37		14
101	An Intersection Cut from the Dual of the Unit Hypercube. <i>Operations Research</i> , <b>1971</b> , 19, 40-44	2.3	14
100	A tabu search algorithm for cohesive clustering problems. <i>Journal of Heuristics</i> , <b>2015</b> , 21, 457-477	1.9	13
99	Ejection chain and filter-and-fan methods in combinatorial optimization. <i>Annals of Operations Research</i> , <b>2010</b> , 175, 77-105	3.2	13
98	Optimization by ghost image processes in neural networks. <i>Computers and Operations Research</i> , <b>1994</b> , 21, 801-822	4.6	13
97	Solving the maximum vertex weight clique problem via binary quadratic programming. <i>Journal of Combinatorial Optimization</i> , <b>2016</b> , 32, 531-549	0.9	12
96	A note on xQx as a modelling and solution framework for the Linear Ordering Problem. <i>International Journal of Operational Research</i> , <b>2009</b> , 5, 152	0.9	12
95	Using the unconstrained quadratic program to model and solve Max 2-SAT problems. <i>International Journal of Operational Research</i> , <b>2005</b> , 1, 89	0.9	12
94	Designing effective improvement methods for scatter search: an experimental study on global optimization. <i>Soft Computing</i> , <b>2013</b> , 17, 49-62	3.5	11
93	Foundation-penalty cuts for mixed-integer programs. <i>Operations Research Letters</i> , <b>2003</b> , 31, 245-253	1	11
92	Cut search methods in integer programming. <i>Mathematical Programming</i> , <b>1972</b> , 3-3, 86-100	2.1	11
91	Backtracking based iterated tabu search for equitable coloring. <i>Engineering Applications of Artificial Intelligence</i> , <b>2015</b> , 46, 269-278	7.2	10
90	Scatter Search and Path Relinking. <i>International Journal of Swarm Intelligence Research</i> , <b>2011</b> , 2, 1-21	1.1	10
89	A filter-and-fan approach to the 2D HP model of the protein folding problem. <i>Annals of Operations Research</i> , <b>2011</b> , 188, 389-414	3.2	10
88	Unidimensional Search for Solving Continuous High-Dimensional Optimization Problems <b>2009</b> ,		10

87	Fast two-flip move evaluations for binary unconstrained quadratic optimisation problems. <i>International Journal of Metaheuristics</i> , <b>2010</b> , 1, 100	0.8	10
86	Infeasible/feasible search trajectories and directional rounding in integer programming. <i>Journal of Heuristics</i> , <b>2007</b> , 13, 505-541	1.9	10
85	A Two-Individual Based Evolutionary Algorithm for the Flexible Job Shop Scheduling Problem. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2019</b> , 33, 2262-2271	5	9
84	Exact solutions to generalized vertex covering problems: a comparison of two models. <i>Optimization Letters</i> , <b>2015</b> , 9, 1331-1339	1.1	9
83	Alternating control tree search for knapsack/covering problems. <i>Journal of Heuristics</i> , <b>2010</b> , 16, 239-258	1.9	9
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