

Martin Savelsbergh

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.

203
papers

11,557
citations

54
h-index

104
g-index

217
ext. papers

13,418
ext. citations

3.5
avg, IF

6.85
L-index

#	Paper	IF	Citations
203	Challenges and opportunities in crowdsourced delivery planning and operations. <i>4or</i> , 2022 , 20, 1	1.4	3
202	Dynamic discretization discovery for solving the Continuous Time Inventory Routing Problem with Out-and-Back Routes. <i>Computers and Operations Research</i> , 2022 , 141, 105686	4.6	0
201	Operations design for high-velocity intra-city package service. <i>Transportation Research Part B: Methodological</i> , 2022 , 161, 150-168	7.2	0
200	Interval-Based Dynamic Discretization Discovery for Solving the Continuous-Time Service Network Design Problem. <i>Transportation Science</i> , 2021 , 55, 29-51	4.4	2
199	The Value of Limited Flexibility in Service Network Designs. <i>Transportation Science</i> , 2021 , 55, 52-74	4.4	1
198	System optimal routing of traffic flows with user constraints using linear programming. <i>European Journal of Operational Research</i> , 2021 , 293, 863-879	5.6	4
197	Planning the City Operations of a Parcel Express Company. <i>Omega</i> , 2021 , 107, 102539	7.2	1
196	The vehicle routing problem with heterogeneous locker boxes. <i>Central European Journal of Operations Research</i> , 2021 , 29, 113-142	2.2	7
195	Thank You and Goodbye. <i>Transportation Science</i> , 2021 , 55, 1-1	4.4	
194	Crowdshipping and Same-day Delivery: Employing In-store Customers to Deliver Online Orders. <i>Production and Operations Management</i> , 2020 , 29, 2153-2174	3.6	32
193	Workforce Scheduling in the Era of Crowdsourced Delivery. <i>Transportation Science</i> , 2020 , 54, 1113-1133	4.4	8
192	Same-Day Delivery with Drone Resupply. <i>Transportation Science</i> , 2020 ,	4.4	42
191	Logistics optimization for a coal supply chain. <i>Journal of Heuristics</i> , 2020 , 26, 269-300	1.9	8
190	The Continuous-Time Inventory-Routing Problem. <i>Transportation Science</i> , 2020 ,	4.4	6
189	Pricing for delivery time flexibility. <i>Transportation Research Part B: Methodological</i> , 2020 , 133, 230-256	7.2	0
188	A Column Generation-Based Heuristic for the Split Delivery Vehicle Routing Problem with Time Windows. <i>SN Operations Research Forum</i> , 2020 , 1, 1	0.5	1
187	LNG bunkering network design in inland waterways. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 120, 102779	8.4	3

186	Delivery systems with crowd-sourced drivers: A pickup and delivery problem with transfers. <i>Networks</i> , 2020 , 76, 232-255	1.6	7
185	The value of information in auction-based carrier collaborations. <i>International Journal of Production Economics</i> , 2020 , 221, 107485	9.3	11
184	A Criterion Space Method for Biobjective Mixed Integer Programming: The Boxed Line Method. <i>INFORMS Journal on Computing</i> , 2020 , 32, 16-39	2.4	6
183	Dynamic Discretization Discovery for Solving the Time-Dependent Traveling Salesman Problem with Time Windows. <i>Transportation Science</i> , 2020 , 54, 703-720	4.4	23
182	An iterative re-optimization framework for the dynamic vehicle routing problem with roaming delivery locations. <i>Transportation Research Part B: Methodological</i> , 2019 , 128, 207-235	7.2	17
181	Biased-randomized iterated local search for a multiperiod vehicle routing problem with price discounts for delivery flexibility. <i>International Transactions in Operational Research</i> , 2019 , 26, 1293-1314	2.9	19
180	Service and capacity planning in crowd-sourced delivery. <i>Transportation Research Part C: Emerging Technologies</i> , 2019 , 100, 177-199	8.4	35
179	Rejoinder on: Perspectives on integer programming for time-dependent models. <i>Top</i> , 2019 , 27, 184-186	1.3	10
178	Throughput optimisation in a coal export system with multiple terminals and shared resources. <i>Computers and Industrial Engineering</i> , 2019 , 134, 37-51	6.4	15
177	Perspectives on integer programming for time-dependent models. <i>Top</i> , 2019 , 27, 147-173	1.3	10
176	Provably High-Quality Solutions for the Meal Delivery Routing Problem. <i>Transportation Science</i> , 2019 , 53, 1372-1388	4.4	30
175	An Integrated System for Mixed-Initiative Planning of Manned Spaceflight Operations 2019 ,		1
174	Optimizing Omni-Channel Fulfillment with Store Transfers. <i>Transportation Research Part B: Methodological</i> , 2019 , 129, 381-396	7.2	7
173	Crowd-Based City Logistics 2019 , 381-400		22
172	Preprocessing and cut generation techniques for multi-objective binary programming. <i>European Journal of Operational Research</i> , 2019 , 274, 858-875	5.6	3
171	Cost allocation under competition: a new rail access charging policy. <i>EURO Journal on Transportation and Logistics</i> , 2019 , 8, 511-534	2.4	2
170	The price of discretizing time: a study in service network design. <i>EURO Journal on Transportation and Logistics</i> , 2019 , 8, 195-216	2.4	7
169	Stochastic Inventory Routing for Perishable Products. <i>Transportation Science</i> , 2018 , 52, 526-546	4.4	20

168	Complexity of routing problems with release dates and deadlines. <i>European Journal of Operational Research</i> , 2018 , 266, 29-34	5.6	26
167	Nondominated Nash points: application of biobjective mixed integer programming. <i>4or</i> , 2018 , 16, 151-174	7.1	2
166	Enhancing urban mobility: Integrating ride-sharing and public transit. <i>Computers and Operations Research</i> , 2018 , 90, 12-21	4.6	110
165	Designing logistics systems for home delivery in densely populated urban areas. <i>Transportation Research Part B: Methodological</i> , 2018 , 115, 95-125	7.2	26
164	Service and Capacity Planning in Crowd-Sourced Delivery. <i>SSRN Electronic Journal</i> , 2018 ,	1	3
163	Dealing with Demand Uncertainty in Service Network and Load Plan Design. <i>Lecture Notes in Computer Science</i> , 2018 , 63-71	0.9	1
162	A linear programming based algorithm to solve a class of optimization problems with a multi-linear objective function and affine constraints. <i>Computers and Operations Research</i> , 2018 , 89, 17-30	4.6	26
161	A Dynamic Discretization Discovery Algorithm for the Minimum Duration Time-Dependent Shortest Path Problem. <i>Lecture Notes in Computer Science</i> , 2018 , 289-297	0.9	3
160	An extended demand responsive connector. <i>EURO Journal on Transportation and Logistics</i> , 2017 , 6, 25-50	4.4	21
159	A new method for optimizing a linear function over the efficient set of a multiobjective integer program. <i>European Journal of Operational Research</i> , 2017 , 260, 904-919	5.6	25
158	The Quadrant Shrinking Method: A simple and efficient algorithm for solving tri-objective integer programs. <i>European Journal of Operational Research</i> , 2017 , 260, 873-885	5.6	21
157	The generalized independent set problem: Polyhedral analysis and solution approaches. <i>European Journal of Operational Research</i> , 2017 , 260, 41-55	5.6	4
156	A branch-and-price algorithm for the vehicle routing problem with roaming delivery locations. <i>Transportation Research Part B: Methodological</i> , 2017 , 100, 115-137	7.2	42
155	Vehicle routing with roaming delivery locations. <i>Transportation Research Part C: Emerging Technologies</i> , 2017 , 80, 71-91	8.4	60
154	Adaptive Kernel Search: A heuristic for solving Mixed Integer linear Programs. <i>European Journal of Operational Research</i> , 2017 , 263, 789-804	5.6	20
153	The Continuous-Time Service Network Design Problem. <i>Operations Research</i> , 2017 , 65, 1303-1321	2.3	62
152	Scheduling reclaimers serving a stock pad at a coal terminal. <i>Journal of Scheduling</i> , 2017 , 20, 85-101	1.6	8
151	Solving the Traveling Salesman Problem with Time Windows Through Dynamically Generated Time-Expanded Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 254-262	0.9	5

150	The L-shape search method for triobjective integer programming. <i>Mathematical Programming Computation</i> , 2016 , 8, 217-251	7.8	30
149	A new rail access charging policy: Hunter Valley coal chain case study. <i>Transport Policy</i> , 2016 , 46, 101-108	5.7	4
148	Editorial A Major Milestone: Transportation Science Turns Fifty. <i>Transportation Science</i> , 2016 , 50, 1-2	4.4	3
147	A reclaimer scheduling problem arising in coal stockyard management. <i>Journal of Scheduling</i> , 2016 , 19, 563-582	1.6	13
146	The bi-objective mixed capacitated general routing problem with different route balance criteria. <i>European Journal of Operational Research</i> , 2016 , 251, 451-465	5.6	15
145	50th Anniversary Invited Article City Logistics: Challenges and Opportunities. <i>Transportation Science</i> , 2016 , 50, 579-590	4.4	316
144	Enhancing Urban Mobility: Integrating Ride-Sharing and Public Transit. <i>SSRN Electronic Journal</i> , 2016 ,	1	1
143	In Memoriam Leo Kroon and Marius Solomon. <i>Transportation Science</i> , 2016 , 50, 1139-1139	4.4	2
142	Stratified patient appointment scheduling for mobile community-based chronic disease management programs. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2016 , 6, 65-78		7
141	Proximity Benders: a decomposition heuristic for stochastic programs. <i>Journal of Heuristics</i> , 2016 , 22, 181-198	1.9	11
140	The Vehicle Routing Problem with Occasional Drivers. <i>European Journal of Operational Research</i> , 2016 , 254, 472-480	5.6	155
139	Making dynamic ride-sharing work: The impact of driver and rider flexibility. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 91, 190-207	9	81
138	Proactive route guidance to avoid congestion. <i>Transportation Research Part B: Methodological</i> , 2016 , 94, 1-21	7.2	42
137	Improved Integer Programming-Based Neighborhood Search for Less-Than-Truckload Load Plan Design. <i>Transportation Science</i> , 2016 , 50, 1360-1379	4.4	6
136	Possession assessment and capacity evaluation of the Central Queensland Coal Network. <i>EURO Journal on Transportation and Logistics</i> , 2015 , 4, 139-173	2.4	4
135	Dynamic ridesharing: Is there a role for dedicated drivers?. <i>Transportation Research Part B: Methodological</i> , 2015 , 81, 483-497	7.2	69
134	A Criterion Space Search Algorithm for Biobjective Mixed Integer Programming: The Triangle Splitting Method. <i>INFORMS Journal on Computing</i> , 2015 , 27, 597-618	2.4	37
133	The benefits of meeting points in ride-sharing systems. <i>Transportation Research Part B: Methodological</i> , 2015 , 82, 36-53	7.2	169

132	Incremental network design with maximum flows. <i>European Journal of Operational Research</i> , 2015 , 242, 51-62	5.6	31
131	A decision support tool for generating shipping data for the Hunter Valley coal chain. <i>Computers and Operations Research</i> , 2015 , 53, 54-67	4.6	4
130	Cargo assembly planning. <i>EURO Journal on Transportation and Logistics</i> , 2015 , 4, 321-354	2.4	6
129	EFFICIENT ALGORITHMS FOR TRAVELLING SALESMAN PROBLEMS ARISING IN WAREHOUSE ORDER PICKING. <i>ANZIAM Journal</i> , 2015 , 57, 166-174	0.5	3
128	A Criterion Space Search Algorithm for Biobjective Integer Programming: The Balanced Box Method. <i>INFORMS Journal on Computing</i> , 2015 , 27, 735-754	2.4	48
127	Bid price optimization for truckload carriers in simultaneous transportation procurement auctions. <i>Transportation Research Part B: Methodological</i> , 2015 , 73, 34-58	7.2	39
126	A branch-and-bound algorithm for the single machine sequence-dependent group scheduling problem with earliness and tardiness penalties. <i>Applied Mathematical Modelling</i> , 2015 , 39, 6410-6424	4.5	21
125	Pricing to accelerate demand learning in dynamic assortment planning for perishable products. <i>European Journal of Operational Research</i> , 2014 , 237, 555-565	5.6	16
124	Boosting the feasibility pump. <i>Mathematical Programming Computation</i> , 2014 , 6, 255-279	7.8	18
123	The value of remote monitoring systems for treatment of chronic disease. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2014 , 4, 65-79		6
122	A note on shortest path problems with forbidden paths. <i>Networks</i> , 2014 , 63, 239-242	1.6	1
121	Incremental network design with shortest paths. <i>European Journal of Operational Research</i> , 2014 , 238, 675-684	5.6	36
120	Local Search for a Cargo Assembly Planning Problem. <i>Lecture Notes in Computer Science</i> , 2014 , 159-175	0.9	6
119	The Triangle Splitting Method for Biobjective Mixed Integer Programming. <i>Lecture Notes in Computer Science</i> , 2014 , 162-173	0.9	6
118	Restrict-and-relax search for 0-1 mixed-integer programs. <i>EURO Journal on Computational Optimization</i> , 2013 , 1, 201-218	1.2	13
117	A branch-and-price guided search approach to maritime inventory routing. <i>Computers and Operations Research</i> , 2013 , 40, 1410-1419	4.6	29
116	Allocating Cost of Service to Customers in Inventory Routing. <i>Operations Research</i> , 2013 , 61, 112-125	2.3	33
115	Revenue management opportunities for Internet retailers. <i>Journal of Revenue and Pricing Management</i> , 2013 , 12, 128-138	0.9	33

114	A pickup and delivery problem using crossdocks and truckload lane rates. <i>EURO Journal on Transportation and Logistics</i> , 2013 , 2, 5-27	2.4	4
113	Creating schedules and computing operating costs for LTL load plans. <i>Computers and Operations Research</i> , 2013 , 40, 691-702	4.6	11
112	Balancing fleet size and repositioning costs in LTL trucking. <i>Annals of Operations Research</i> , 2013 , 203, 235-254	3.2	8
111	Branch-and-Price Guided Search for Integer Programs with an Application to the Multicommodity Fixed-Charge Network Flow Problem. <i>INFORMS Journal on Computing</i> , 2013 , 25, 302-316	2.4	18
110	Improved Load Plan Design Through Integer Programming Based Local Search. <i>Transportation Science</i> , 2013 , 47, 412-427	4.4	30
109	Truck driver scheduling in Australia. <i>Computers and Operations Research</i> , 2012 , 39, 1122-1132	4.6	42
108	The supplier selection problem with quantity discounts and truckload shipping. <i>Omega</i> , 2012 , 40, 445-455	5.2	63
107	The Fixed-Charge Shortest-Path Problem. <i>INFORMS Journal on Computing</i> , 2012 , 24, 578-596	2.4	2
106	A Branch-Price-and-Cut Algorithm for Single-Product Maritime Inventory Routing. <i>Operations Research</i> , 2012 , 60, 106-122	2.3	50
105	Pricing for production and delivery flexibility in single-item lot-sizing. <i>Computers and Operations Research</i> , 2012 , 39, 3408-3419	4.6	5
104	Optimization for dynamic ride-sharing: A review. <i>European Journal of Operational Research</i> , 2012 , 223, 295-303	5.6	552
103	A stockyard planning problem. <i>EURO Journal on Transportation and Logistics</i> , 2012 , 1, 197-236	2.4	25
102	Fixed-Charge Transportation with Product Blending. <i>Transportation Science</i> , 2012 , 46, 281-295	4.4	17
101	Branch-and-Price Guided Search. <i>Lecture Notes in Computer Science</i> , 2012 , 15-18	0.9	
100	Optimizing the Hunter Valley Coal Chain 2012 , 275-302		9
99	Time Slot Management in Attended Home Delivery. <i>Transportation Science</i> , 2011 , 45, 435-449	4.4	112
98	Lane-Exchange Mechanisms for Truckload Carrier Collaboration. <i>Transportation Science</i> , 2011 , 45, 1-17	4.4	81
97	Dynamic ride-sharing: A simulation study in metro Atlanta. <i>Transportation Research Part B: Methodological</i> , 2011 , 45, 1450-1464	7.2	236

96	Identifying weak linear features with the "coalescing shortest path image transform". <i>Microscopy and Microanalysis</i> , 2011 , 17, 911-4	0.5	1
95	Dynamic Ride-Sharing: a Simulation Study in Metro Atlanta. <i>Procedia, Social and Behavioral Sciences</i> , 2011 , 17, 532-550		112
94	Dynamic Programming-Based Column Generation on Time-Expanded Networks: Application to the Dial-a-Flight Problem. <i>INFORMS Journal on Computing</i> , 2011 , 23, 105-119	2.4	18
93	An Automated Intensity-Modulated Radiation Therapy Planning System. <i>INFORMS Journal on Computing</i> , 2010 , 22, 568-583	2.4	7
92	Tactical and Operational Planning of Scheduled Maintenance for Per-Seat, On-Demand Air Transportation. <i>Transportation Science</i> , 2010 , 44, 291-306	4.4	11
91	Combining Exact and Heuristic Approaches for the Capacitated Fixed-Charge Network Flow Problem. <i>INFORMS Journal on Computing</i> , 2010 , 22, 314-325	2.4	77
90	The Vehicle Routing Problem with Stochastic Demand and Duration Constraints. <i>Transportation Science</i> , 2010 , 44, 474-492	4.4	54
89	Decomposing inventory routing problems with approximate value functions. <i>Naval Research Logistics</i> , 2010 , 57, 718-727	1.5	19
88	Vendor managed inventory for environments with stochastic product usage. <i>European Journal of Operational Research</i> , 2010 , 202, 686-695	5.6	82
87	Multiportfolio Optimization: A Natural Next Step 2010 , 565-581		6
86	The Trip Scheduling Problem. <i>Transportation Science</i> , 2009 , 43, 417-431	4.4	49
85	ROUTE 2007: Recent advances in vehicle routing optimization. <i>Networks</i> , 2009 , 54, 165-166	1.6	1
84	Fixed routes with backup vehicles for stochastic vehicle routing problems with time constraints. <i>Networks</i> , 2009 , 54, 270-283	1.6	29
83	Information-based branching schemes for binary linear mixed integer problems. <i>Mathematical Programming Computation</i> , 2009 , 1, 249-293	7.8	32
82	Delivery strategies for blood products supplies. <i>OR Spectrum</i> , 2009 , 31, 707-725	1.9	109
81	Approximating the stability region for binary mixed-integer programs. <i>Operations Research Letters</i> , 2009 , 37, 250-254	1	4
80	A Hybrid Solution Approach for Ready-Mixed Concrete Delivery. <i>Transportation Science</i> , 2009 , 43, 70-85	4.4	41
79	Locating drivers in a trucking terminal network. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2009 , 45, 988-1005	9	3

78	Robust Optimization for Empty Repositioning Problems. <i>Operations Research</i> , 2009 , 57, 468-483	2.3	95
77	EXPERIENCES WITH THE USE OF SUPPLY CHAIN MANAGEMENT SOFTWARE IN EDUCATION. <i>Production and Operations Management</i> , 2009 , 9, 66-80	3.6	9
76	Inventory Routing. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008 , 49-72	0.3	68
75	Challenges and Opportunities in Attended Home Delivery. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008 , 379-396	0.3	24
74	To split or not to split: That is the question. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2008 , 44, 114-123	9	80
73	An Optimization-Based Heuristic for the Split Delivery Vehicle Routing Problem. <i>Transportation Science</i> , 2008 , 42, 22-31	4.4	91
72	Per-Seat, On-Demand Air Transportation Part II: Parallel Local Search. <i>Transportation Science</i> , 2008 , 42, 279-291	4.4	27
71	Per-Seat, On-Demand Air Transportation Part I: Problem Description and an Integer Multicommodity Flow Model. <i>Transportation Science</i> , 2008 , 42, 263-278	4.4	36
70	Comments on: Intensity modulated radiation therapy treatment plan optimization. <i>Top</i> , 2008 , 16, 253-255	5.5	
69	Strong valid inequalities for the resource-constrained scheduling problem with uniform resource requirements. <i>Discrete Optimization</i> , 2008 , 5, 19-35	1	12
68	An optimization algorithm for the inventory routing problem with continuous moves. <i>Computers and Operations Research</i> , 2008 , 35, 2266-2282	4.6	79
67	A dynamic driver management scheme for less-than-truckload carriers. <i>Computers and Operations Research</i> , 2008 , 35, 3397-3411	4.6	14
66	SU-GG-T-118: Fast Multicriteria IMRT Beam-Fluence Map Optimization Using CVaR Linear Programming Methods. <i>Medical Physics</i> , 2008 , 35, 2753-2753	4.4	
65	Chapter 7 Transportation on Demand. <i>Handbooks in Operations Research and Management Science</i> , 2007 , 14, 429-466		52
64	Performance Measurement for Inventory Routing. <i>Transportation Science</i> , 2007 , 41, 44-54	4.4	21
63	Competitive analysis for dynamic multiperiod uncapacitated routing problems. <i>Networks</i> , 2007 , 49, 308-317	3.17	36
62	Inventory routing with continuous moves. <i>Computers and Operations Research</i> , 2007 , 34, 1744-1763	4.6	53
61	Shipper collaboration. <i>Computers and Operations Research</i> , 2007 , 34, 1551-1560	4.6	117

60	Competitive analysis of a dispatch policy for a dynamic multi-period routing problem. <i>Operations Research Letters</i> , 2007 , 35, 713-721	1	22
59	Analysis of bounds for a capacitated single-item lot-sizing problem. <i>Computers and Operations Research</i> , 2007 , 34, 1721-1743	4.6	7
58	Chapter 6 Vehicle Routing. <i>Handbooks in Operations Research and Management Science</i> , 2007 , 367-428		173
57	Reducing Truckload Transportation Costs Through Collaboration. <i>Transportation Science</i> , 2007 , 41, 206-221	4.1	140
56	SU-DD-A2-01: 4D Dose Verification of Treatment Plans Involving Intra-Fraction Motion. <i>Medical Physics</i> , 2007 , 34, 2330-2330	4.4	
55	Incentive Schemes for Attended Home Delivery Services. <i>Transportation Science</i> , 2006 , 40, 327-341	4.4	84
54	Worst-Case Analysis for Split Delivery Vehicle Routing Problems. <i>Transportation Science</i> , 2006 , 40, 226-234	4.4	104
53	A generic view of Dantzig-Wolfe decomposition in mixed integer programming. <i>Operations Research Letters</i> , 2006 , 34, 296-306	1	73
52	Decision Support for Consumer Direct Grocery Initiatives. <i>Transportation Science</i> , 2005 , 39, 313-327	4.4	102
51	Global intermodal tank container management for the chemical industry. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2005 , 41, 551-566	9	76
50	Integer-Programming Software Systems. <i>Annals of Operations Research</i> , 2005 , 140, 67-124	3.2	134
49	An Experimental Study of LP-Based Approximation Algorithms for Scheduling Problems. <i>INFORMS Journal on Computing</i> , 2005 , 17, 123-136	2.4	26
48	Minimum Vehicle Fleet Size Under Time-Window Constraints at a Container Terminal. <i>Transportation Science</i> , 2005 , 39, 249-260	4.4	68
47	Efficient Insertion Heuristics for Vehicle Routing and Scheduling Problems. <i>Transportation Science</i> , 2004 , 38, 369-378	4.4	152
46	Delivery Volume Optimization. <i>Transportation Science</i> , 2004 , 38, 210-223	4.4	31
45	Dynamic Programming Approximations for a Stochastic Inventory Routing Problem. <i>Transportation Science</i> , 2004 , 38, 42-70	4.4	128
44	A Decomposition Approach for the Inventory-Routing Problem. <i>Transportation Science</i> , 2004 , 38, 488-502	4.4	199
43	On the polyhedral structure of a multi-item production planning model with setup times. <i>Mathematical Programming</i> , 2003 , 94, 375-405	2.1	31

42	A multi-item production planning model with setup times: algorithms, reformulations, and polyhedral characterizations for a special case. <i>Mathematical Programming</i> , 2003 , 95, 71-90	2.1	18
41	Bidirected and unidirected capacity installation in telecommunication networks. <i>Discrete Applied Mathematics</i> , 2003 , 133, 103-121	1	5
40	Optimal Online Algorithms for Minimax Resource Scheduling. <i>SIAM Journal on Discrete Mathematics</i> , 2003 , 16, 555-590	0.7	5
39	The relation of time indexed formulations of single machine scheduling problems to the node packing problem. <i>Mathematical Programming</i> , 2002 , 93, 477-494	2.1	15
38	A branch and cut approach to the cardinality constrained circuit problem. <i>Mathematical Programming</i> , 2002 , 91, 307-348	2.1	14
37	Polyhedral results for the edge capacity polytope. <i>Mathematical Programming</i> , 2002 , 92, 335-358	2.1	14
36	Efficient feasibility testing for dial-a-ride problems. <i>Operations Research Letters</i> , 2002 , 30, 169-173	1	53
35	12. Inventory Routing in Practice 2002 , 309-330		42
34	The Stochastic Inventory Routing Problem with Direct Deliveries. <i>Transportation Science</i> , 2002 , 36, 94-118	1.4	210
33	Valid inequalities for problems with additive variable upper bounds. <i>Mathematical Programming</i> , 2001 , 91, 145-162	2.1	19
32	Scheduling projects with labor constraints. <i>Discrete Applied Mathematics</i> , 2001 , 112, 27-52	1	26
31	An Integer Programming Heuristic for Component Allocation in Printed Circuit Card Assembly Systems. <i>Journal of Heuristics</i> , 2001 , 7, 351-369	1.9	10
30	A Parallel, Linear Programming-based Heuristic for Large-Scale Set Partitioning Problems. <i>INFORMS Journal on Computing</i> , 2001 , 13, 191-209	2.4	14
29	On the capacitated lot-sizing and continuous 0/1 knapsack polyhedra. <i>European Journal of Operational Research</i> , 2000 , 125, 298-315	5.6	27
28	Conflict graphs in solving integer programming problems. <i>European Journal of Operational Research</i> , 2000 , 121, 40-55	5.6	96
27	Sequence Independent Lifting in Mixed Integer Programming. <i>Journal of Combinatorial Optimization</i> , 2000 , 4, 109-129	0.9	87
26	The mixed vertex packing problem. <i>Mathematical Programming</i> , 2000 , 89, 35-53	2.1	43
25	Progress in Linear Programming-Based Algorithms for Integer Programming: An Exposition. <i>INFORMS Journal on Computing</i> , 2000 , 12, 2-23	2.4	102

24	Time-Indexed Formulations for Machine Scheduling Problems: Column Generation. <i>INFORMS Journal on Computing</i> , 2000 , 12, 111-124	2.4	130
23	Lifted Cover Inequalities for 0-1 Integer Programs: Complexity. <i>INFORMS Journal on Computing</i> , 1999 , 11, 117-123	2.4	41
22	A Computational Study of Search Strategies for Mixed Integer Programming. <i>INFORMS Journal on Computing</i> , 1999 , 11, 173-187	2.4	192
21	Lifted flow cover inequalities for mixed 0-1 integer programs. <i>Mathematical Programming</i> , 1999 , 85, 439-467	2.4	90
20	Towards a model and algorithm management system for vehicle routing and scheduling problems. <i>Decision Support Systems</i> , 1999 , 25, 109-133	5.6	19
19	A polyhedral approach to single-machine scheduling problems 1999 , 85, 541		31
18	Valid Inequalities for Problems with Additive Variable Upper Bounds. <i>Lecture Notes in Computer Science</i> , 1999 , 60-72	0.9	
17	Branch-and-Price: Column Generation for Solving Huge Integer Programs. <i>Operations Research</i> , 1998 , 46, 316-329	2.3	1256
16	The Inventory Routing Problem 1998 , 95-113		103
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