

Martin Savelsbergh

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.

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	Branch-and-Price: Column Generation for Solving Huge Integer Programs. <i>Operations Research</i> , 1998 , 46, 316-329	2.3	1256
202	The General Pickup and Delivery Problem. <i>Transportation Science</i> , 1995 , 29, 17-29	4.4	588
201	Optimization for dynamic ride-sharing: A review. <i>European Journal of Operational Research</i> , 2012 , 223, 295-303	5.6	552
200	Local search in routing problems with time windows. <i>Annals of Operations Research</i> , 1985 , 4, 285-305	3.2	370
199	50th Anniversary Invited Article City Logistics: Challenges and Opportunities. <i>Transportation Science</i> , 2016 , 50, 579-590	4.4	316
198	The Vehicle Routing Problem with Time Windows: Minimizing Route Duration. <i>ORSA Journal on Computing</i> , 1992 , 4, 146-154		270
197	A Branch-and-Price Algorithm for the Generalized Assignment Problem. <i>Operations Research</i> , 1997 , 45, 831-841	2.3	255
196	Drive: Dynamic Routing of Independent Vehicles. <i>Operations Research</i> , 1998 , 46, 474-490	2.3	240
195	Dynamic ride-sharing: A simulation study in metro Atlanta. <i>Transportation Research Part B: Methodological</i> , 2011 , 45, 1450-1464	7.2	236
194	Preprocessing and Probing Techniques for Mixed Integer Programming Problems. <i>ORSA Journal on Computing</i> , 1994 , 6, 445-454		232
193	The Stochastic Inventory Routing Problem with Direct Deliveries. <i>Transportation Science</i> , 2002 , 36, 94-118	4.4	210
192	A Decomposition Approach for the Inventory-Routing Problem. <i>Transportation Science</i> , 2004 , 38, 488-502	4.4	199
191	A Computational Study of Search Strategies for Mixed Integer Programming. <i>INFORMS Journal on Computing</i> , 1999 , 11, 173-187	2.4	192
190	Chapter 6 Vehicle Routing. <i>Handbooks in Operations Research and Management Science</i> , 2007 , 367-428		173
189	The benefits of meeting points in ride-sharing systems. <i>Transportation Research Part B: Methodological</i> , 2015 , 82, 36-53	7.2	169
188	The Vehicle Routing Problem with Occasional Drivers. <i>European Journal of Operational Research</i> , 2016 , 254, 472-480	5.6	155
187	Efficient Insertion Heuristics for Vehicle Routing and Scheduling Problems. <i>Transportation Science</i> , 2004 , 38, 369-378	4.4	152

186	MINTO, a mixed INTEger optimizer. <i>Operations Research Letters</i> , 1994 , 15, 47-58	1	152
185	Reducing Truckload Transportation Costs Through Collaboration. <i>Transportation Science</i> , 2007 , 41, 206-224	4.4	140
184	Integer-Programming Software Systems. <i>Annals of Operations Research</i> , 2005 , 140, 67-124	3.2	134
183	Time-Indexed Formulations for Machine Scheduling Problems: Column Generation. <i>INFORMS Journal on Computing</i> , 2000 , 12, 111-124	2.4	130
182	Dynamic Programming Approximations for a Stochastic Inventory Routing Problem. <i>Transportation Science</i> , 2004 , 38, 42-70	4.4	128
181	Lifted Cover Inequalities for 0-1 Integer Programs: Computation. <i>INFORMS Journal on Computing</i> , 1998 , 10, 427-437	2.4	123
180	Shipper collaboration. <i>Computers and Operations Research</i> , 2007 , 34, 1551-1560	4.6	117
179	Time Slot Management in Attended Home Delivery. <i>Transportation Science</i> , 2011 , 45, 435-449	4.4	112
178	Dynamic Ride-Sharing: a Simulation Study in Metro Atlanta. <i>Procedia, Social and Behavioral Sciences</i> , 2011 , 17, 532-550		112
177	Enhancing urban mobility: Integrating ride-sharing and public transit. <i>Computers and Operations Research</i> , 2018 , 90, 12-21	4.6	110
176	Delivery strategies for blood products supplies. <i>OR Spectrum</i> , 2009 , 31, 707-725	1.9	109
175	A classification scheme for vehicle routing and scheduling problems. <i>European Journal of Operational Research</i> , 1990 , 46, 322-332	5.6	107
174	Worst-Case Analysis for Split Delivery Vehicle Routing Problems. <i>Transportation Science</i> , 2006 , 40, 226-234	4.4	104
173	The Inventory Routing Problem 1998 , 95-113		103
172	Decision Support for Consumer Direct Grocery Initiatives. <i>Transportation Science</i> , 2005 , 39, 313-327	4.4	102
171	Progress in Linear Programming-Based Algorithms for Integer Programming: An Exposition. <i>INFORMS Journal on Computing</i> , 2000 , 12, 2-23	2.4	102
170	Conflict graphs in solving integer programming problems. <i>European Journal of Operational Research</i> , 2000 , 121, 40-55	5.6	96
169	Robust Optimization for Empty Repositioning Problems. <i>Operations Research</i> , 2009 , 57, 468-483	2.3	95

168	An Optimization-Based Heuristic for the Split Delivery Vehicle Routing Problem. <i>Transportation Science</i> , 2008 , 42, 22-31	4.4	91
167	Lifted flow cover inequalities for mixed 0-1 integer programs. <i>Mathematical Programming</i> , 1999 , 85, 439-467	4.6	90
166	Sequence Independent Lifting in Mixed Integer Programming. <i>Journal of Combinatorial Optimization</i> , 2000 , 4, 109-129	0.9	87
165	Incentive Schemes for Attended Home Delivery Services. <i>Transportation Science</i> , 2006 , 40, 327-341	4.4	84
164	Vendor managed inventory for environments with stochastic product usage. <i>European Journal of Operational Research</i> , 2010 , 202, 686-695	5.6	82
163	Lane-Exchange Mechanisms for Truckload Carrier Collaboration. <i>Transportation Science</i> , 2011 , 45, 1-17	4.4	81
162	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
161	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
160	An optimization algorithm for the inventory routing problem with continuous moves. <i>Computers and Operations Research</i> , 2008 , 35, 2266-2282	4.6	79
159	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
158	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
157	A generic view of Dantzig-Wolfe decomposition in mixed integer programming. <i>Operations Research Letters</i> , 2006 , 34, 296-306	1	73
156	Dynamic ridesharing: Is there a role for dedicated drivers?. <i>Transportation Research Part B: Methodological</i> , 2015 , 81, 483-497	7.2	69
155	Inventory Routing. <i>Operations Research/Computer Science Interfaces Series</i> , 2008 , 49-72	0.3	68
154	Minimum Vehicle Fleet Size Under Time-Window Constraints at a Container Terminal. <i>Transportation Science</i> , 2005 , 39, 249-260	4.4	68
153	An efficient implementation of local search algorithms for constrained routing problems. <i>European Journal of Operational Research</i> , 1990 , 47, 75-85	5.6	65
152	The supplier selection problem with quantity discounts and truckload shipping. <i>Omega</i> , 2012 , 40, 445-455	5.2	63
151	The Continuous-Time Service Network Design Problem. <i>Operations Research</i> , 2017 , 65, 1303-1321	2.3	62

150	Vehicle routing with roaming delivery locations. <i>Transportation Research Part C: Emerging Technologies</i> , 2017 , 80, 71-91	8.4	60
149	The Vehicle Routing Problem with Stochastic Demand and Duration Constraints. <i>Transportation Science</i> , 2010 , 44, 474-492	4.4	54
148	Inventory routing with continuous moves. <i>Computers and Operations Research</i> , 2007 , 34, 1744-1763	4.6	53
147	Efficient feasibility testing for dial-a-ride problems. <i>Operations Research Letters</i> , 2002 , 30, 169-173	1	53
146	Chapter 7 Transportation on Demand. <i>Handbooks in Operations Research and Management Science</i> , 2007 , 14, 429-466		52
145	Edge exchanges in the degree-constrained minimum spanning tree problem. <i>Computers and Operations Research</i> , 1985 , 12, 341-348	4.6	51
144	A Branch-Price-and-Cut Algorithm for Single-Product Maritime Inventory Routing. <i>Operations Research</i> , 2012 , 60, 106-122	2.3	50
143	The Trip Scheduling Problem. <i>Transportation Science</i> , 2009 , 43, 417-431	4.4	49
142	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
141	The mixed vertex packing problem. <i>Mathematical Programming</i> , 2000 , 89, 35-53	2.1	43
140	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
139	Same-Day Delivery with Drone Resupply. <i>Transportation Science</i> , 2020 ,	4.4	42
138	Truck driver scheduling in Australia. <i>Computers and Operations Research</i> , 2012 , 39, 1122-1132	4.6	42
137	12. Inventory Routing in Practice 2002 , 309-330		42
136	Proactive route guidance to avoid congestion. <i>Transportation Research Part B: Methodological</i> , 2016 , 94, 1-21	7.2	42
135	A Hybrid Solution Approach for Ready-Mixed Concrete Delivery. <i>Transportation Science</i> , 2009 , 43, 70-85	4.4	41
134	Lifted Cover Inequalities for 0-1 Integer Programs: Complexity. <i>INFORMS Journal on Computing</i> , 1999 , 11, 117-123	2.4	41
133	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

132	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
131	Incremental network design with shortest paths. <i>European Journal of Operational Research</i> , 2014 , 238, 675-684	5.6	36
130	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
129	Competitive analysis for dynamic multiperiod uncapacitated routing problems. <i>Networks</i> , 2007 , 49, 308-317	3.17	36
128	Service and capacity planning in crowd-sourced delivery. <i>Transportation Research Part C: Emerging Technologies</i> , 2019 , 100, 177-199	8.4	35
127	Allocating Cost of Service to Customers in Inventory Routing. <i>Operations Research</i> , 2013 , 61, 112-125	2.3	33
126	Revenue management opportunities for Internet retailers. <i>Journal of Revenue and Pricing Management</i> , 2013 , 12, 128-138	0.9	33
125	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
124	Information-based branching schemes for binary linear mixed integer problems. <i>Mathematical Programming Computation</i> , 2009 , 1, 249-293	7.8	32
123	Incremental network design with maximum flows. <i>European Journal of Operational Research</i> , 2015 , 242, 51-62	5.6	31
122	Delivery Volume Optimization. <i>Transportation Science</i> , 2004 , 38, 210-223	4.4	31
121	On the polyhedral structure of a multiitem production planning model with setup times. <i>Mathematical Programming</i> , 2003 , 94, 375-405	2.1	31
120	A polyhedral approach to single-machine scheduling problems 1999 , 85, 541		31
119	The L-shape search method for triobjective integer programming. <i>Mathematical Programming Computation</i> , 2016 , 8, 217-251	7.8	30
118	Provably High-Quality Solutions for the Meal Delivery Routing Problem. <i>Transportation Science</i> , 2019 , 53, 1372-1388	4.4	30
117	Improved Load Plan Design Through Integer Programming Based Local Search. <i>Transportation Science</i> , 2013 , 47, 412-427	4.4	30
116	A branch-and-price guided search approach to maritime inventory routing. <i>Computers and Operations Research</i> , 2013 , 40, 1410-1419	4.6	29
115	Fixed routes with backup vehicles for stochastic vehicle routing problems with time constraints. <i>Networks</i> , 2009 , 54, 270-283	1.6	29

114	Per-Seat, On-Demand Air Transportation Part II: Parallel Local Search. <i>Transportation Science</i> , 2008 , 42, 279-291	4.4	27
113	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
112	Complexity of routing problems with release dates and deadlines. <i>European Journal of Operational Research</i> , 2018 , 266, 29-34	5.6	26
111	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
110	An Experimental Study of LP-Based Approximation Algorithms for Scheduling Problems. <i>INFORMS Journal on Computing</i> , 2005 , 17, 123-136	2.4	26
109	Scheduling projects with labor constraints. <i>Discrete Applied Mathematics</i> , 2001 , 112, 27-52	1	26
108	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
107	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
106	A stockyard planning problem. <i>EURO Journal on Transportation and Logistics</i> , 2012 , 1, 197-236	2.4	25
105	Challenges and Opportunities in Attended Home Delivery. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008 , 379-396	0.3	24
104	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
103	Competitive analysis of a dispatch policy for a dynamic multi-period routing problem. <i>Operations Research Letters</i> , 2007 , 35, 713-721	1	22
102	Crowd-Based City Logistics 2019 , 381-400		22
101	An extended demand responsive connector. <i>EURO Journal on Transportation and Logistics</i> , 2017 , 6, 25-50	2.4	21
100	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
99	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
98	Performance Measurement for Inventory Routing. <i>Transportation Science</i> , 2007 , 41, 44-54	4.4	21
97	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

96	Stochastic Inventory Routing for Perishable Products. <i>Transportation Science</i> , 2018 , 52, 526-546	4.4	20
95	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
94	Decomposing inventory routing problems with approximate value functions. <i>Naval Research Logistics</i> , 2010 , 57, 718-727	1.5	19
93	Valid inequalities for problems with additive variable upper bounds. <i>Mathematical Programming</i> , 2001 , 91, 145-162	2.1	19
92	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
91	Boosting the feasibility pump. <i>Mathematical Programming Computation</i> , 2014 , 6, 255-279	7.8	18
90	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
89	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
88	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
87	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
86	Fixed-Charge Transportation with Product Blending. <i>Transportation Science</i> , 2012 , 46, 281-295	4.4	17
85	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
84	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
83	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
82	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
81	A dynamic driver management scheme for less-than-truckload carriers. <i>Computers and Operations Research</i> , 2008 , 35, 3397-3411	4.6	14
80	A branch and cut approach to the cardinality constrained circuit problem. <i>Mathematical Programming</i> , 2002 , 91, 307-348	2.1	14
79	Polyhedral results for the edge capacity polytope. <i>Mathematical Programming</i> , 2002 , 92, 335-358	2.1	14

78	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
77	A reclaimer scheduling problem arising in coal stockyard management. <i>Journal of Scheduling</i> , 2016 , 19, 563-582	1.6	13
76	Restrict-and-relax search for 0-1 mixed-integer programs. <i>EURO Journal on Computational Optimization</i> , 2013 , 1, 201-218	1.2	13
75	Strong valid inequalities for the resource-constrained scheduling problem with uniform resource requirements. <i>Discrete Optimization</i> , 2008 , 5, 19-35	1	12
74	Creating schedules and computing operating costs for LTL load plans. <i>Computers and Operations Research</i> , 2013 , 40, 691-702	4.6	11
73	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
72	Proximity Benders: a decomposition heuristic for stochastic programs. <i>Journal of Heuristics</i> , 2016 , 22, 181-198	1.9	11
71	The value of information in auction-based carrier collaborations. <i>International Journal of Production Economics</i> , 2020 , 221, 107485	9.3	11
70	Perspectives on integer programming for time-dependent models. <i>Top</i> , 2019 , 27, 147-173	1.3	10
69	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
68	EXPERIENCES WITH THE USE OF SUPPLY CHAIN MANAGEMENT SOFTWARE IN EDUCATION. <i>Production and Operations Management</i> , 2009 , 9, 66-80	3.6	9
67	Optimizing the Hunter Valley Coal Chain 2012 , 275-302		9
66	Workforce Scheduling in the Era of Crowdsourced Delivery. <i>Transportation Science</i> , 2020 , 54, 1113-1133	4.4	8
65	Logistics optimization for a coal supply chain. <i>Journal of Heuristics</i> , 2020 , 26, 269-300	1.9	8
64	Scheduling reclaimers serving a stock pad at a coal terminal. <i>Journal of Scheduling</i> , 2017 , 20, 85-101	1.6	8
63	Balancing fleet size and repositioning costs in LTL trucking. <i>Annals of Operations Research</i> , 2013 , 203, 235-254	3.2	8
62	Optimizing Omni-Channel Fulfillment with Store Transfers. <i>Transportation Research Part B: Methodological</i> , 2019 , 129, 381-396	7.2	7
61	An Automated Intensity-Modulated Radiation Therapy Planning System. <i>INFORMS Journal on Computing</i> , 2010 , 22, 568-583	2.4	7

60	Analysis of bounds for a capacitated single-item lot-sizing problem. <i>Computers and Operations Research</i> , 2007 , 34, 1721-1743	4.6	7
59	Delivery systems with crowd-sourced drivers: A pickup and delivery problem with transfers. <i>Networks</i> , 2020 , 76, 232-255	1.6	7
58	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
57	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
56	The vehicle routing problem with heterogeneous locker boxes. <i>Central European Journal of Operations Research</i> , 2021 , 29, 113-142	2.2	7
55	Cargo assembly planning. <i>EURO Journal on Transportation and Logistics</i> , 2015 , 4, 321-354	2.4	6
54	The Continuous-Time Inventory-Routing Problem. <i>Transportation Science</i> , 2020 ,	4.4	6
53	The value of remote monitoring systems for treatment of chronic disease. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2014 , 4, 65-79		6
52	Local Search for a Cargo Assembly Planning Problem. <i>Lecture Notes in Computer Science</i> , 2014 , 159-175	0.9	6
51	The Triangle Splitting Method for Biobjective Mixed Integer Programming. <i>Lecture Notes in Computer Science</i> , 2014 , 162-173	0.9	6
50	Improved Integer Programming-Based Neighborhood Search for Less-Than-Truckload Load Plan Design. <i>Transportation Science</i> , 2016 , 50, 1360-1379	4.4	6
49	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
48	Multiportfolio Optimization: A Natural Next Step 2010 , 565-581		6
47	Pricing for production and delivery flexibility in single-item lot-sizing. <i>Computers and Operations Research</i> , 2012 , 39, 3408-3419	4.6	5
46	Bidirected and unidirected capacity installation in telecommunication networks. <i>Discrete Applied Mathematics</i> , 2003 , 133, 103-121	1	5
45	Optimal Online Algorithms for Minimax Resource Scheduling. <i>SIAM Journal on Discrete Mathematics</i> , 2003 , 16, 555-590	0.7	5
44	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
43	The generalized independent set problem: Polyhedral analysis and solution approaches. <i>European Journal of Operational Research</i> , 2017 , 260, 41-55	5.6	4

42	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
41	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
40	A new rail access charging policy: Hunter Valley coal chain case study. <i>Transport Policy</i> , 2016 , 46, 101-108	5.7	4
39	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
38	Approximating the stability region for binary mixed-integer programs. <i>Operations Research Letters</i> , 2009 , 37, 250-254	1	4
37	Sequential and parallel local search for the time-constrained traveling salesman problem. <i>Discrete Applied Mathematics</i> , 1993 , 42, 211-225	1	4
36	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
35	Editorial Major Milestone: Transportation Science Turns Fifty. <i>Transportation Science</i> , 2016 , 50, 1-2	4.4	3
34	Service and Capacity Planning in Crowd-Sourced Delivery. <i>SSRN Electronic Journal</i> , 2018 ,	1	3
33	EFFICIENT ALGORITHMS FOR TRAVELLING SALESMAN PROBLEMS ARISING IN WAREHOUSE ORDER PICKING. <i>ANZIAM Journal</i> , 2015 , 57, 166-174	0.5	3
32	Locating drivers in a trucking terminal network. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2009 , 45, 988-1005	9	3
31	Towards a planning board generator. <i>Decision Support Systems</i> , 1996 , 17, 199-226	5.6	3
30	Challenges and opportunities in crowdsourced delivery planning and operations. <i>4or</i> , 2022 , 20, 1	1.4	3
29	LNG bunkering network design in inland waterways. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 120, 102779	8.4	3
28	Preprocessing and cut generation techniques for multi-objective binary programming. <i>European Journal of Operational Research</i> , 2019 , 274, 858-875	5.6	3
27	Multivariable Branching: A 0-1 Knapsack Problem Case Study. <i>INFORMS Journal on Computing</i> ,	2.4	3
26	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
25	Nondominated Nash points: application of biobjective mixed integer programming. <i>4or</i> , 2018 , 16, 151-171	1.4	2

24	The Fixed-Charge Shortest-Path Problem. <i>INFORMS Journal on Computing</i> , 2012 , 24, 578-596	2.4	2
23	In Memoriam Leo Kroon and Marius Solomon. <i>Transportation Science</i> , 2016 , 50, 1139-1139	4.4	2
22	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
21	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
20	Dealing with Demand Uncertainty in Service Network and Load Plan Design. <i>Lecture Notes in Computer Science</i> , 2018 , 63-71	0.9	1
19	An Integrated System for Mixed-Initiative Planning of Manned Spaceflight Operations 2019 ,		1
18	A note on shortest path problems with forbidden paths. <i>Networks</i> , 2014 , 63, 239-242	1.6	1
17	Identifying weak linear features with the "coalescing shortest path image transform". <i>Microscopy and Microanalysis</i> , 2011 , 17, 911-4	0.5	1
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