

Teodor Gabriel Crainic

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4513659/teodor-gabriel-crainic-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

9,364
citations

50
h-index

91
g-index

191
ext. papers

10,809
ext. citations

3.6
avg, IF

6.63
L-index

#	Paper	IF	Citations
188	Service network design in freight transportation. <i>European Journal of Operational Research</i> , 2000 , 122, 272-288	5.6	375
187	A Hybrid Genetic Algorithm for Multidepot and Periodic Vehicle Routing Problems. <i>Operations Research</i> , 2012 , 60, 611-624	2.3	350
186	Models for Evaluating and Planning City Logistics Systems. <i>Transportation Science</i> , 2009 , 43, 432-454	4.4	348
185	Planning models for freight transportation. <i>European Journal of Operational Research</i> , 1997 , 97, 409-438	5.6	316
184	A hybrid genetic algorithm with adaptive diversity management for a large class of vehicle routing problems with time-windows. <i>Computers and Operations Research</i> , 2013 , 40, 475-489	4.6	294
183	The Benders decomposition algorithm: A literature review. <i>European Journal of Operational Research</i> , 2017 , 259, 801-817	5.6	271
182	An adaptive large neighborhood search heuristic for Two-Echelon Vehicle Routing Problems arising in city logistics. <i>Computers and Operations Research</i> , 2012 , 39, 3215-3228	4.6	271
181	Heuristics for multi-attribute vehicle routing problems: A survey and synthesis. <i>European Journal of Operational Research</i> , 2013 , 231, 1-21	5.6	266
180	Advanced freight transportation systems for congested urban areas. <i>Transportation Research Part C: Emerging Technologies</i> , 2004 , 12, 119-137	8.4	255
179	Dynamic and Stochastic Models for the Allocation of Empty Containers. <i>Operations Research</i> , 1993 , 41, 102-126	2.3	246
178	Parallel Branch-and-Branch Algorithms: Survey and Synthesis. <i>Operations Research</i> , 1994 , 42, 1042-1066	2.3	227
177	A unified solution framework for multi-attribute vehicle routing problems. <i>European Journal of Operational Research</i> , 2014 , 234, 658-673	5.6	214
176	Survey Paper A Review of Empty Flows and Fleet Management Models in Freight Transportation. <i>Transportation Science</i> , 1987 , 21, 227-248	4.4	187
175	Bundle-based relaxation methods for multicommodity capacitated fixed charge network design. <i>Discrete Applied Mathematics</i> , 2001 , 112, 73-99	1	166
174	Intelligent freight-transportation systems: Assessment and the contribution of operations research. <i>Transportation Research Part C: Emerging Technologies</i> , 2009 , 17, 541-557	8.4	157
173	Chapter 8 Intermodal Transportation. <i>Handbooks in Operations Research and Management Science</i> , 2007 , 467-537		157
172	A cooperative parallel meta-heuristic for the vehicle routing problem with time windows. <i>Computers and Operations Research</i> , 2005 , 32, 1685-1708	4.6	142

171	Multicommodity, multimode freight transportation: A general modeling and algorithmic framework for the service network design problem. <i>Transportation Research Part B: Methodological</i> , 1986 , 20, 225-242	7.2	129
170	A Multimode Multiproduct Network Assignment Model for Strategic Planning of Freight Flows. <i>Transportation Science</i> , 1990 , 24, 25-39	4.4	125
169	A Simplex-Based Tabu Search Method for Capacitated Network Design. <i>INFORMS Journal on Computing</i> , 2000 , 12, 223-236	2.4	122
168	A Study of Demand Stochasticity in Service Network Design. <i>Transportation Science</i> , 2009 , 43, 144-157	4.4	121
167	Cycle-Based Neighbourhoods for Fixed-Charge Capacitated Multicommodity Network Design. <i>Operations Research</i> , 2003 , 51, 655-667	2.3	117
166	Cooperative Parallel Variable Neighborhood Search for the p-Median. <i>Journal of Heuristics</i> , 2004 , 10, 293-314	1.9	107
165	Physical Internet Enabled Hyperconnected City Logistics. <i>Transportation Research Procedia</i> , 2016 , 12, 383-398	2.4	103
164	Lower and upper bounds for the two-echelon capacitated location-routing problem. <i>Computers and Operations Research</i> , 2012 , 39, 3185-3199	4.6	97
163	Service network design with management and coordination of multiple fleets. <i>European Journal of Operational Research</i> , 2009 , 193, 377-389	5.6	95
162	Two-Echelon Vehicle Routing Problem: A satellite location analysis. <i>Procedia, Social and Behavioral Sciences</i> , 2010 , 2, 5944-5955		92
161	Simulation of intermodal freight transportation systems: a taxonomy. <i>European Journal of Operational Research</i> , 2018 , 270, 401-418	5.6	84
160	TS2PACK: A two-level tabu search for the three-dimensional bin packing problem. <i>European Journal of Operational Research</i> , 2009 , 195, 744-760	5.6	83
159	A tabu search procedure for multicommodity location/allocation with balancing requirements. <i>Annals of Operations Research</i> , 1993 , 41, 359-383	3.2	83
158	Models and Tabu Search Metaheuristics for Service Network Design with Asset-Balance Requirements. <i>Transportation Science</i> , 2009 , 43, 158-177	4.4	80
157	Path Relinking, Cycle-Based Neighbourhoods and Capacitated Multicommodity Network Design. <i>Annals of Operations Research</i> , 2004 , 131, 109-133	3.2	80
156	Progressive hedging-based metaheuristics for stochastic network design. <i>Networks</i> , 2011 , 58, 114-124	1.6	77
155	A tabu search for Time-dependent Multi-zone Multi-trip Vehicle Routing Problem with Time Windows. <i>European Journal of Operational Research</i> , 2013 , 231, 43-56	5.6	70
154	Cooperative Parallel Tabu Search for Capacitated Network Design. <i>Journal of Heuristics</i> , 2002 , 8, 601-627	1.9	70

153	Long-Haul Freight Transportation 2003 , 451-516		69
152	Scheduled Service Network Design for Freight Rail Transportation. <i>Operations Research</i> , 2014 , 62, 383-400,		68
151	A Model for the Strategic Planning of National Freight Transportation by Rail. <i>Transportation Science</i> , 1990 , 24, 1-24	4.4	68
150	Service network design with asset management: Formulations and comparative analyses. <i>Transportation Research Part C: Emerging Technologies</i> , 2009 , 17, 197-207	8.4	66
149	Towards a taxonomy of City Logistics projects. <i>Procedia, Social and Behavioral Sciences</i> , 2010 , 2, 6217-6228		66
148	The effect of multi-scenario policies on empty container repositioning. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2009 , 45, 758-770	9	64
147	Economies of Scale in Empty Freight Car Distribution in Scheduled Railways. <i>Transportation Science</i> , 2004 , 38, 121-134	4.4	59
146	Modeling dry-port-based freight distribution planning. <i>Transportation Research Part C: Emerging Technologies</i> , 2015 , 55, 518-534	8.4	58
145	A Slope Scaling/Lagrangean Perturbation Heuristic with Long-Term Memory for Multicommodity Capacitated Fixed-Charge Network Design. <i>Journal of Heuristics</i> , 2004 , 10, 525-545	1.9	57
144	Synchronous tabu search parallelization strategies for multicommodity location-allocation with balancing requirements. <i>OR Spectrum</i> , 1995 , 17, 113-123	1.9	54
143	Scenario grouping in a progressive hedging-based meta-heuristic for stochastic network design. <i>Computers and Operations Research</i> , 2014 , 43, 90-99	4.6	52
142	Multicommodity Capacitated Network Design 1999 , 1-19		52
141	A survey on planning semi-flexible transit systems: Methodological issues and a unifying framework. <i>Transportation Research Part C: Emerging Technologies</i> , 2013 , 36, 324-338	8.4	51
140	OR tools for tactical freight transportation planning. <i>European Journal of Operational Research</i> , 1988 , 33, 290-297	5.6	51
139	Efficient lower bounds and heuristics for the variable cost and size bin packing problem. <i>Computers and Operations Research</i> , 2011 , 38, 1474-1482	4.6	50
138	Service Network Design with Resource Constraints. <i>Transportation Science</i> , 2016 , 50, 1380-1393	4.4	49
137	Branch and Price for Service Network Design with Asset Management Constraints. <i>Transportation Science</i> , 2011 , 45, 33-49	4.4	48
136	A first multilevel cooperative algorithm for capacitated multicommodity network design. <i>Computers and Operations Research</i> , 2006 , 33, 2602-2622	4.6	48

135	Models for multimode multicommodity location problems with interdepot balancing requirements. <i>Annals of Operations Research</i> , 1989 , 18, 277-302	3.2	48
134	A parallel multi-neighborhood cooperative tabu search for capacitated vehicle routing problems. <i>European Journal of Operational Research</i> , 2012 , 222, 441-451	5.6	47
133	Multi-start Heuristics for the Two-Echelon Vehicle Routing Problem. <i>Lecture Notes in Computer Science</i> , 2011 , 179-190	0.9	46
132	A cooperative parallel metaheuristic for the capacitated vehicle routing problem. <i>Computers and Operations Research</i> , 2014 , 44, 33-41	4.6	45
131	A Metaheuristic for a Two Echelon Location-Routing Problem. <i>Lecture Notes in Computer Science</i> , 2010 , 288-301	0.9	45
130	Branch-and-bound parallelization strategies applied to a depot location and container fleet management problem. <i>Parallel Computing</i> , 2000 , 26, 27-46	1	45
129	An heuristic search for the routing of heterogeneous trucks with single and double container loads. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013 , 56, 108-118	9	44
128	Combinatorial auctions. <i>Annals of Operations Research</i> , 2007 , 153, 131-164	3.2	43
127	Dual-Ascent Procedures for Multicommodity Location-Allocation Problems with Balancing Requirements. <i>Transportation Science</i> , 1993 , 27, 90-101	4.4	43
126	The stochastic bid generation problem in combinatorial transportation auctions. <i>European Journal of Operational Research</i> , 2014 , 236, 991-999	5.6	42
125	Parallel Meta-heuristics. <i>Profiles in Operations Research</i> , 2010 , 497-541	1	40
124	A metaheuristic for stochastic service network design. <i>Journal of Heuristics</i> , 2010 , 16, 653-679	1.9	38
123	Fleet-sizing for multi-depot and periodic vehicle routing problems using a modular heuristic algorithm. <i>Computers and Operations Research</i> , 2015 , 53, 9-23	4.6	37
122	A branch-and-price approach for a multi-period vehicle routing problem. <i>Computers and Operations Research</i> , 2015 , 55, 167-184	4.6	37
121	A path relinking algorithm for a multi-depot periodic vehicle routing problem. <i>Journal of Heuristics</i> , 2013 , 19, 497-524	1.9	37
120	Benchmark-problem instances for static scheduling of task graphs with communication delays on homogeneous multiprocessor systems. <i>Computers and Operations Research</i> , 2006 , 33, 2155-2177	4.6	37
119	Collaboration partner selection for city logistics planning under municipal freight regulations. <i>Applied Mathematical Modelling</i> , 2016 , 40, 510-525	4.5	36
118	Implicit depot assignments and rotations in vehicle routing heuristics. <i>European Journal of Operational Research</i> , 2014 , 237, 15-28	5.6	35

117	City Logistics 2008 , 181-212		35
116	Service network design models for two-tier city logistics. <i>Optimization Letters</i> , 2014 , 8, 1375-1387	1.1	34
115	An adaptive large-neighborhood search heuristic for a multi-period vehicle routing problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 95, 95-123	9	34
114	Impact of Generalized Travel Costs on Satellite Location in the Two-Echelon Vehicle Routing Problem. <i>Procedia, Social and Behavioral Sciences</i> , 2012 , 39, 195-204		33
113	A branch-and-bound algorithm for depot location and container fleet management. <i>Location Science</i> , 1995 , 3, 39-53		33
112	Timing problems and algorithms: Time decisions for sequences of activities. <i>Networks</i> , 2015 , 65, 102-128	1.6	32
111	A branch-and-bound method for multicommodity location with balancing requirements. <i>European Journal of Operational Research</i> , 1993 , 65, 368-382	5.6	31
110	Time-window relaxations in vehicle routing heuristics. <i>Journal of Heuristics</i> , 2015 , 21, 329-358	1.9	30
109	Logistics capacity planning: A stochastic bin packing formulation and a progressive hedging meta-heuristic. <i>European Journal of Operational Research</i> , 2016 , 253, 404-417	5.6	30
108	Branch-and-PriceBased Algorithms for the Two-Echelon Vehicle Routing Problem with Time Windows. <i>Transportation Science</i> , 2019 , 53, 463-479	4.4	30
107	The generalized bin packing problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012 , 48, 1205-1220	9	29
106	Parallel Branch-and-Bound Algorithms		29
105	A column generation approach for a multi-attribute vehicle routing problem. <i>European Journal of Operational Research</i> , 2015 , 241, 888-906	5.6	28
104	A parallel branch-and-bound algorithm for multicommodity location with balancing requirements. <i>Computers and Operations Research</i> , 1997 , 24, 829-847	4.6	28
103	Systemic behavior of cooperative search algorithms. <i>Parallel Computing</i> , 2004 , 30, 57-79	1	27
102	From Managing Urban Freight to Smart City Logistics Networks. <i>Series on Computers and Operations Research</i> , 2017 , 143-188		26
101	Cutting-Plane Matheuristic for Service Network Design with Design-Balanced Requirements. <i>Transportation Science</i> , 2015 , 49, 99-113	4.4	25
100	Multi-commodity location-routing: Flow intercepting formulation and branch-and-cut algorithm. <i>Computers and Operations Research</i> , 2018 , 89, 94-112	4.6	25

99	Commodity Representations and Cut-Set-Based Inequalities for Multicommodity Capacitated Fixed-Charge Network Design. <i>Transportation Science</i> , 2017 , 51, 650-667	4.4	25
98	A multilevel tabu search algorithm for the feature selection problem in biomedical data. <i>Computers and Mathematics With Applications</i> , 2008 , 55, 1019-1033	2.7	25
97	Multi-trip pickup and delivery problem with time windows and synchronization. <i>Annals of Operations Research</i> , 2017 , 253, 899-934	3.2	24
96	Accelerating the Benders Decomposition Method: Application to Stochastic Network Design Problems. <i>SIAM Journal on Optimization</i> , 2018 , 28, 875-903	2	24
95	A three-phase matheuristic for capacitated multi-commodity fixed-cost network design with design-balance constraints. <i>Journal of Heuristics</i> , 2013 , 19, 757-795	1.9	24
94	Design of Regular Intercity Driver Routes for the LTL Motor Carrier Industry. <i>Transportation Science</i> , 1992 , 26, 280-295	4.4	24
93	Modeling Demand Uncertainty in Two-Tier City Logistics Tactical Planning. <i>Transportation Science</i> , 2016 , 50, 559-578	4.4	23
92	Tackling electromog in completely configured 3G networks by parallel cooperative meta-heuristics. <i>IEEE Wireless Communications</i> , 2006 , 13, 34-41	13.4	23
91	Parallel Metaheuristics Applications 2005 , 447-494		23
90	Shortest path algorithms: A computational study with the C programming language. <i>Computers and Operations Research</i> , 1991 , 18, 767-786	4.6	23
89	Improving Intercity Freight Routing with a Tactical Planning Model. <i>Interfaces</i> , 1992 , 22, 31-44	0.7	23
88	Multi-objective optimization of a two-echelon vehicle routing problem with vehicle synchronization and grey zone customers arising in urban logistics. <i>European Journal of Operational Research</i> , 2021 , 289, 940-958	5.6	23
87	Improving the performance of rail yards through dynamic reassignments of empty cars. <i>Transportation Research Part C: Emerging Technologies</i> , 2009 , 17, 259-273	8.4	22
86	Parallel Metaheuristics 1998 , 205-251		22
85	A cycle-based evolutionary algorithm for the fixed-charge capacitated multi-commodity network design problem. <i>European Journal of Operational Research</i> , 2016 , 253, 265-279	5.6	21
84	Global optimization properties of parallel cooperative search algorithms: A simulation study. <i>Parallel Computing</i> , 2000 , 26, 91-112	1	21
83	GRASP with Path Relinking for the Two-Echelon Vehicle Routing Problem. <i>Operations Research/Computer Science Interfaces Series</i> , 2013 , 113-125	0.3	21
82	Integrating c2e and c2c Traffic into City Logistics Planning. <i>Procedia, Social and Behavioral Sciences</i> , 2012 , 39, 47-60		20

81	CORRELATIONS IN STOCHASTIC PROGRAMMING: A CASE FROM STOCHASTIC SERVICE NETWORK DESIGN. <i>Asia-Pacific Journal of Operational Research</i> , 2007 , 24, 161-179	0.8	20
80	Determining origin-destination matrices and optimal multiproduct flows for freight transportation over multimodal networks. <i>Transportation Research Part B: Methodological</i> , 1993 , 27, 351-368	7.2	20
79	Single source single-commodity stochastic network design. <i>Computational Management Science</i> , 2012 , 9, 139-160	1	19
78	Designing the master schedule for demand-adaptive transit systems. <i>Annals of Operations Research</i> , 2012 , 194, 151-166	3.2	18
77	Branch-and-price and beam search algorithms for the Variable Cost and Size Bin Packing Problem with optional items. <i>Annals of Operations Research</i> , 2014 , 222, 125-141	3.2	18
76	A hybrid generational genetic algorithm for the periodic vehicle routing problem with time windows. <i>Journal of Heuristics</i> , 2014 , 20, 383-416	1.9	18
75	Strategic analysis of the dairy transportation problem. <i>Journal of the Operational Research Society</i> , 2015 , 66, 44-56	2	17
74	The single-node dynamic service scheduling and dispatching problem. <i>European Journal of Operational Research</i> , 2006 , 170, 1-23	5.6	17
73	A new bidding framework for combinatorial e-auctions. <i>Computers and Operations Research</i> , 2004 , 31, 1177-1203	4.6	17
72	An integrative cooperative search framework for multi-decision-attribute combinatorial optimization: Application to the MDPVRP. <i>European Journal of Operational Research</i> , 2015 , 246, 400-412	5.6	16
71	Introduction to the Special Issue on Parallel Meta-Heuristics. <i>Journal of Heuristics</i> , 2002 , 8, 247-249	1.9	16
70	Meta-Heuristics for a Class of Demand-Responsive Transit Systems. <i>INFORMS Journal on Computing</i> , 2005 , 17, 10-24	2.4	16
69	Scheduled service network design with resource acquisition and management. <i>EURO Journal on Transportation and Logistics</i> , 2018 , 7, 277-309	2.4	15
68	Multi-thread integrative cooperative optimization for rich combinatorial problems 2009 ,		15
67	Parallel Solution Methods for Vehicle Routing Problems. <i>Operations Research/Computer Science Interfaces Series</i> , 2008 , 171-198	0.3	15
66	New bin packing fast lower bounds. <i>Computers and Operations Research</i> , 2007 , 34, 3439-3457	4.6	15
65	Parallel Computation, Co-operation, Tabu Search 2005 , 283-302		15
64	Explicit and Emergent Cooperation Schemes for Search Algorithms. <i>Lecture Notes in Computer Science</i> , 2008 , 95-109	0.9	15

63	Stochastic Network Design for Planning Scheduled Transportation Services: The Value of Deterministic Solutions. <i>INFORMS Journal on Computing</i> , 2019 , 31, 153-170	2.4	15
62	Organisation of truck-driver training for the transportation of dangerous goods in Europe and North America. <i>Accident Analysis and Prevention</i> , 2003 , 35, 191-200	6.1	14
61	A Branch-and-Cut-and-Price algorithm for the Multi-trip Separate Pickup and Delivery Problem with Time Windows at Customers and Facilities. <i>European Journal of Operational Research</i> , 2019 , 279, 824-839	5.6	13
60	Single-commodity network design with random edge capacities. <i>European Journal of Operational Research</i> , 2012 , 220, 394-403	5.6	13
59	Computing the asymptotic worst-case of bin packing lower bounds. <i>European Journal of Operational Research</i> , 2007 , 183, 1295-1303	5.6	13
58	Long-Haul Freight Transportation. <i>Profiles in Operations Research</i> , 1999 , 433-491	1	13
57	Synchronized Multi-trip Multi-traffic Pickup & Delivery in City Logistics. <i>Transportation Research Procedia</i> , 2016 , 12, 26-39	2.4	12
56	Performance Indicators for Planning Intermodal Barge Transportation Systems. <i>Transportation Research Procedia</i> , 2014 , 3, 621-630	2.4	11
55	An efficient metaheuristic for multi-dimensional multi-container packing 2011 ,		11
54	Single-Commodity Network Design with Stochastic Demand and Multiple Sources and Sinks. <i>Infor</i> , 2011 , 49, 193-211	0.5	10
53	Service Design Models for Rail Intermodel Transportation. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2009 , 53-67	0.4	10
52	An Experimental Study of Systemic Behavior of Cooperative Search Algorithms 1999 , 373-392		10
51	Bin Packing Problems with Uncertainty on Item Characteristics: An Application to Capacity Planning in Logistics. <i>Procedia, Social and Behavioral Sciences</i> , 2014 , 111, 654-662		9
50	MPI Parallelization of Variable Neighborhood Search. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 241-248	0.3	9
49	Lagrangean-based decomposition algorithms for multicommodity network design problems with penalized constraints. <i>Networks</i> , 2010 , 55, 171-180	1.6	9
48	Planning and Optimization Methods for Advanced Urban Logistics Systems at Tactical Level. <i>Ecoproduction</i> , 2014 , 145-164	0.5	9
47	Reduced cost-based variable fixing in two-stage stochastic programming. <i>Annals of Operations Research</i> , 1	3.2	9
46	Scheduled service network design with resource management for two-tier multimodal city logistics. <i>European Journal of Operational Research</i> , 2021 , 294, 558-570	5.6	9

45	Scheduled service network design with resource acquisition and management under uncertainty. <i>Transportation Research Part B: Methodological</i> , 2019 , 128, 324-343	7.2	8
44	The Benders Dual Decomposition Method. <i>Operations Research</i> , 2020 , 68, 878-895	2.3	8
43	Parallel Tabu Search 2005 , 289-313		8
42	Design for optimized multi-lateral multi-commodity markets. <i>European Journal of Operational Research</i> , 2005 , 163, 503-529	5.6	8
41	Partial Benders Decomposition: General Methodology and Application to Stochastic Network Design. <i>Transportation Science</i> , 2021 , 55, 414-435	4.4	8
40	A Benders Decomposition Approach for the Symmetric TSP with Generalized Latency Arising in the Design of Semiflexible Transit Systems. <i>Transportation Science</i> , 2017 , 51, 706-722	4.4	7
39	A multi-commodity two-Echelon capacitated vehicle routing problem with time windows: Model formulations and solution approach. <i>Computers and Operations Research</i> , 2021 , 127, 105154	4.6	7
38	A Scatter Search Heuristic for the Fixed-Charge Capacitated Network Design Problem 2007 , 25-40		7
37	Special issue on recent advances in metaheuristics. <i>Journal of Heuristics</i> , 2010 , 16, 235-237	1.9	6
36	National Planning Models and Instruments. <i>Infor</i> , 2008 , 46, 299-308	0.5	6
35	An interactive graphic approach for the integrated design of intercity transportation timetables and vehicle operations. <i>Computers and Operations Research</i> , 1992 , 19, 139-149	4.6	6
34	A two-echelon location-routing problem with synchronisation. <i>Journal of the Operational Research Society</i> , 2021 , 72, 145-160	2	6
33	Parallel Local Search to schedule communicating tasks on identical processors. <i>Parallel Computing</i> , 2015 , 48, 1-14	1	5
32	Transportation in supply chain management: recent advances and research prospects. <i>International Journal of Production Research</i> , 2016 , 54, 403-404	7.8	5
31	Multi-Zone Multi-Trip Vehicle Routing Problem with Time Windows. <i>Infor</i> , 2015 , 53, 49-67	0.5	5
30	Models for bundle trading in financial markets. <i>European Journal of Operational Research</i> , 2005 , 160, 88-105	5.6	5
29	Planning hyperconnected, urban logistics systems. <i>Transportation Research Procedia</i> , 2020 , 47, 35-42	2.4	5
28	Multi-period bin packing model and effective constructive heuristics for corridor-based logistics capacity planning. <i>Computers and Operations Research</i> , 2021 , 132, 105308	4.6	5

27	Scheduled service network design with quality targets and stochastic travel times. <i>European Journal of Operational Research</i> , 2021 , 288, 30-46	5.6	5
26	Towards an Evolutionary Method [Cooperating Multi-Thread Parallel Tabu Search Hybrid 1999 , 331-344		5
25	Solution integration in combinatorial optimization with applications to cooperative search and rich vehicle routing. <i>Journal of Heuristics</i> , 2015 , 21, 663-685	1.9	4
24	Integrating Resource Management in Service Network Design for Bike-Sharing Systems. <i>Transportation Science</i> , 2020 , 54, 1251-1271	4.4	4
23	Block planning for intermodal rail: Methodology and case study. <i>Transportation Research Procedia</i> , 2020 , 47, 19-26	2.4	3
22	Brief Overview of Intermodal Transportation 2007 , 28-1-28-16		3
21	A taxonomy of multilayer network design and a survey of transportation and telecommunication applications. <i>European Journal of Operational Research</i> , 2022 ,	5.6	3
20	The impact of filtering in a branch-and-cut algorithm for multicommodity capacitated fixed charge network design. <i>EURO Journal on Computational Optimization</i> , 2018 , 6, 143-184	1.2	3
19	The Impact of Combining Inbound and Outbound Demand in City Logistics Systems 2017 ,		2
18	Designing Parallel Meta-Heuristic Methods. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2014 , 260-280	0.4	2
17	A Study on Travel Time Stochasticity in Service Network Design with Quality Targets. <i>Lecture Notes in Computer Science</i> , 2018 , 401-416	0.9	2
16	Scheduled service network design with revenue management considerations and an intermodal barge transportation illustration. <i>European Journal of Operational Research</i> , 2021 ,	5.6	2
15	Simulation of a City Logistics Solution for Montreal 2018 , 47-63		1
14	A study of auction mechanisms for multilateral procurement based on subgradient and bundle methods. <i>Infor</i> , 2013 , 51, 2-14	0.5	1
13	A Learning-Based Matheuristic for Stochastic Multicommodity Network Design. <i>INFORMS Journal on Computing</i> , 2020 ,	2.4	1
12	A reduced cost-based restriction and refinement matheuristic for stochastic network design problem. <i>Journal of Heuristics</i> , 2021 , 27, 325-351	1.9	1
11	Node-based Lagrangian relaxations for multicommodity capacitated fixed-charge network design. <i>Discrete Applied Mathematics</i> , 2021 ,	1	1
10	Path Recovery/Reconstruction and Applications in Nonlinear Multimodal Multicommodity Networks. <i>Applied Optimization</i> , 2002 , 95-108		1

- 9 Tactical capacity planning in an integrated multi-stakeholder freight transportation system. *Omega*, **2022**, 110, 102628 7.2 1
- 8 Operations Research and Goods Transportation 111-175 0
- 7 Introduction to the Special Section: Urban Freight Transportation and Logistics. *Transportation Science*, **2020**, 54, 565-566 4.4
- 6 Operations Research and Goods Transportation **2013**, 111-175
- 5 Revue Des Ingalit  Valides Pertinentes Aux Probl mes Des Conception De R seaux. *Infor*, **2003**, 41, 5-33 0.5
- 4 Optimization Models for Transportation Systems Planning 177-207
- 3 Optimization Models for Transportation Systems Planning 177-207
- 2 Parallel Metaheuristic Search **2018**, 809-847
- 1 Service Network Design for Freight Railroads **2021**, 464-470