Networks and vehicle routing for municipal waste colle

Networks

4, 65-94

Citation Report

#	ARTICLE	IF	CITATIONS
1	A taxonomic structure for vehicle routing and scheduling problems. Computers and Urban Society, 1975, 1, 11-29.	0.1	43
2	Heuristische Lösungsverfahren für Lieferplanprobleme. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1975, 19, 163-181.	0.3	7
3	Survey of Deterministic Networks. A I I E Transactions, 1975, 7, 222-234.	0.3	30
4	Survey of Deterministic Networks. A I I E Transactions, 1975, 8, 222-234.	0.3	17
5	A New Applicable Proof of the Euler Circuit Theorem. American Mathematical Monthly, 1976, 83, 638-640.	0.2	2
6	Snow and Ice Removal in an Urban Environment. Management Science, 1976, 23, 227-234.	2.4	26
7	On general routing problems. Networks, 1976, 6, 273-280.	1.6	219
8	Implementing vehicle routing algorithms. Networks, 1977, 7, 113-148.	1.6	244
9	A SIMULATION AND STATISTICAL ANALYSIS OF STOCHASTIC VEHICLE ROUTING WITH TIMING CONSTRAINTS. Decision Sciences, 1978, 9, 673-687.	3.2	56
10	On Equity in Providing Public Services. Management Science, 1978, 24, 800-808.	2.4	154
11	A Computer-Assisted System for the Routing and Scheduling of Street Sweepers. Operations Research, 1978, 26, 525-537.	1.2	82
12	Routing and Scheduling of School Buses by Computer. Transportation Science, 1979, 13, 113-129.	2.6	137
13	An assignment routing problem. Networks, 1979, 9, 1-17.	1.6	120
14	A detailed description of a computer system for the routing and scheduling of street sweepers. Computers and Operations Research, 1979, 6, 181-198.	2.4	34
15	Routing electric meter readers. Computers and Operations Research, 1979, 6, 209-223.	2.4	73
16	The mixed postman problem. Discrete Applied Mathematics, 1979, 1, 89-103.	0.5	23
18	Combinatorial optimization and vehicle fleet planning: Perspectives and prospects. Networks, 1981, 11, 179-213.	1.6	125
19	Capacitated arc routing problems. Networks, 1981, 11, 305-315.	1.6	456

#	Article	IF	Citations
20	Current and future research directions in network optimization. Computers and Operations Research, 1981, 8, 71-81.	2.4	22
21	Transformations Enlarging the Network Portion of a Class or LP/Embedded Generalized Networks. Journal of Information and Optimization Sciences, 1982, 3, 196-208.	0.2	7
22	Controlling left and u-turns in the routing of refuse collection vehicles. Computers and Operations Research, 1982, 9, 145-152.	2.4	22
23	PLANNING FOR TRUCK FLEET SIZE IN THE PRESENCE OF A COMMON-CARRIER OPTION. Decision Sciences, 1983, 14, 103-120.	3.2	113
24	Computational experiments with algorithms for a class of routing problems. Computers and Operations Research, 1983, 10, 47-59.	2.4	239
25	Routing and scheduling of vehicles and crews. Computers and Operations Research, 1983, 10, 63-211.	2.4	741
26	Automatic Routing and Scheduling of a Fleet of Vehicles Providing Door-to-Door Service For Handicapped People. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 89-95.	0.4	0
27	A heuristic algorithm for the period vehicle routing problem. Omega, 1984, 12, 497-504.	3.6	91
28	The period routing problem. Networks, 1984, 14, 237-256.	1.6	279
29	Optimizing Single Vehicle Many-to-Many Operations with Desired Delivery Times: I. Scheduling. Transportation Science, 1985, 19, 378-410.	2.6	142
30	Microcomputer Graphics in Support of Vehicle Fleet Routing. Interfaces, 1985, 15, 84-92.	1.6	26
32	A continuous linear optimization model for the exact solution of travelling-salesman-problems in connexion with expansion planning of ring networks. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1986, 30, B77-B89.	0.3	0
33	Vehicle Routing with Time-Window Constraints. American Journal of Mathematical and Management Sciences, 1986, 6, 251-260.	0.6	17
34	The Capacitated Chinese Postman Problem: Lower Bounds and Solvable Cases. American Journal of Mathematical and Management Sciences, 1987, 7, 63-88.	0.6	27
35	Review of Expert Systems for the Management Science Practitioner. Interfaces, 1987, 17, 64-77.	1.6	59
36	Optimization of refuelling truck fleets at an airport. Transportation Research Part B: Methodological, 1987, 21, 479-487.	2.8	12
37	Semi-greedy heuristics: An empirical study. Operations Research Letters, 1987, 6, 107-114.	0.5	177
38	New lower bounds for the Capacitated Arc Routing Problem. Networks, 1988, 18, 181-191.	1.6	29

#	Article	IF	Citations
39	A new algorithm for the directed chinese postman problem. Computers and Operations Research, 1988, 15, 577-584.	2.4	26
40	Survey Paper—Time Window Constrained Routing and Scheduling Problems. Transportation Science, 1988, 22, 1-13.	2.6	439
41	The arc partitioning problem. European Journal of Operational Research, 1991, 53, 393-401.	3.5	33
42	A multiphase approach to the period routing problem. Networks, 1991, 21, 747-765.	1.6	75
43	An Optimization-Based Heuristic for Vehicle Routing and Scheduling with Soft Time Window Constraints. Transportation Science, 1992, 26, 69-85.	2.6	152
44	The Capacitated Arc Routing Problem: Lower bounds. Networks, 1992, 22, 669-690.	1.6	135
45	The maximum benefit Chinese postman problem and the maximum benefit traveling salesman problem. European Journal of Operational Research, 1993, 65, 218-234.	3.5	39
46	ARC A computerized system for urban garbage collection. Top, 1993, 1, 89-105.	1.1	2
47	New Directions in Graph Theory (With an Emphasis on the Role of Applications). Annals of Discrete Mathematics, 1993, , 13-43.	1.4	5
48	Improving the Efficiency of the Solid Waste Collection System in Izmir, Turkey, Through Mathematical Programming. Waste Management and Research, 1993, 11, 297-311.	2.2	25
49	Solvable cases of the k-person Chinese postman problem. Operations Research Letters, 1994, 16, 241-244.	0.5	30
50	Algorithms for the Windy Postman Problem. Computers and Operations Research, 1994, 21, 641-651.	2.4	10
51	An improved heuristic for the period vehicle routing problem. Networks, 1995, 26, 25-44.	1.6	116
52	A computational study of several heuristics for the DRPP. Computational Optimization and Applications, 1995, 4, 67-77.	0.9	6
53	Period and phase of customer replenishment: A new approach to the Strategic Inventory/Routing problem. European Journal of Operational Research, 1995, 85, 132-148.	3.5	51
54	A capacitated general routing problem on mixed networks. Computers and Operations Research, 1995, 22, 465-478.	2.4	18
55	Algorithms for the Chinese postman problem on mixed networks. Computers and Operations Research, 1995, 22, 479-489.	2.4	18
56	Algorithms for the rural postman problem. Computers and Operations Research, 1995, 22, 819-828.	2.4	39

#	ARTICLE	IF	CITATIONS
57	Routing problems: A bibliography. Annals of Operations Research, 1995, 61, 227-262.	2.6	238
58	Arc Routing Problems, Part I: The Chinese Postman Problem. Operations Research, 1995, 43, 231-242.	1.2	263
59	Arc Routing Problems, Part II: The Rural Postman Problem. Operations Research, 1995, 43, 399-414.	1.2	303
60	Insights into a mixed Chinese postman problem. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 1995, 18, 683-689.	0.6	0
61	Chapter 5 Arc routing methods and applications. Handbooks in Operations Research and Management Science, 1995, 8, 375-483.	0.6	63
63	An Interactive Algorithm for Vehicle Routeing for Winter â€" Gritting. Journal of the Operational Research Society, 1996, 47, 217-228.	2.1	72
64	Interdependent Transportation and Production Activity at the United States Postal Service. Journal of the Operational Research Society, 1996, 47, 27-37.	2.1	20
65	Optimal layout design of automated systems using topology connectivity method. , 0, , .		1
66	Some Applications of the Generalized Travelling Salesman Problem. Journal of the Operational Research Society, 1996, 47, 1461-1467.	2.1	144
67	Garbage Collection in Chicago: A Dynamic Scheduling Model. Management Science, 1997, 43, 922-933.	2.4	40
68	The Capacitated Arc Routing Problem: Valid Inequalities and Facets. Computational Optimization and Applications, 1998, 10, 165-187.	0.9	78
69	A Decomposition Approach to the Inventory Routing Problem with Satellite Facilities. Transportation Science, 1998, 32, 189-203.	2.6	132
70	The Graph Coloring Problem: A Bibliographic Survey. , 1998, , 1077-1141.		42
71	A branch and cut algorithm for the VRP with satellite facilities. IIE Transactions, 1998, 30, 821-834.	2.1	58
72	Optimal Routing for Infectious Waste Collection. Journal of Environmental Engineering, ASCE, 1999, 125, 479-484.	0.7	20
73	Municipal Solid Waste Collection: An Effective Data Structure For Solving The Sectorization Problem With Local Search Methods. Infor, 1999, 37, 236-254.	0.5	24
74	Lower-bounding and heuristic methods for a refuse collection vehicle routing problem. European Journal of Operational Research, 2000, 121, 420-434.	3.5	65
75	Heuristic Algorithms. , 2000, , 327-386.		9

#	ARTICLE	IF	CITATIONS
76	A Historical Perspective on Arc Routing. , 2000, , 1-16.		2
77	Deliveries in an Inventory/Routing Problem Using Stochastic Dynamic Programming. Transportation Science, 2001, 35, 192-213.	2.6	60
78	On the Chromatic Number of Graphs. Journal of Optimization Theory and Applications, 2001, 109, 69-83.	0.8	21
79	A Routing and Scheduling System for Infectious Waste Collection. Environmental Modeling and Assessment, 2001, 6, 261-269.	1.2	46
80	Delivery Cost Approximations for Inventory Routing Problems in a Rolling Horizon Framework. Transportation Science, 2002, 36, 292-300.	2.6	92
81	Recent Algorithmic Advances for Arc Routing Problems. Profiles in Operations Research, 2002, , 1-20.	0.3	1
82	The application of a vehicle routing model to a waste-collection problem: two case studies. Journal of the Operational Research Society, 2002, 53, 944-952.	2.1	75
83	Sector design for snow removal and disposal in urban areas. Socio-Economic Planning Sciences, 2002, 36, 183-202.	2.5	24
84	Time-constrained Chinese postman problems. Computers and Mathematics With Applications, 2002, 44, 375-387.	1.4	29
85	The periodic vehicle routing problem with intermediate facilities. European Journal of Operational Research, 2002, 137, 233-247.	3.5	175
86	A period vehicle routing case study. European Journal of Operational Research, 2002, 139, 220-229.	3.5	84
87	A Heuristic Algorithm for the Mixed Chinese Postman Problem. Optimization and Engineering, 2002, 3, 157-187.	1.3	4
88	Multicriteria Optimization for Infectious Medical Waste Collection System Planning. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2003, 7, 78-85.	0.4	30
89	Ant Algorithms for Urban Waste Collection Routing. Lecture Notes in Computer Science, 2004, , 302-309.	1.0	17
90	An Experimental Study of the Ant Colony System for the Period Vehicle Routing Problem. Lecture Notes in Computer Science, 2004, , 286-293.	1.0	20
91	Recyclable waste collection planning––a case study. European Journal of Operational Research, 2004, 158, 543-554.	3.5	109
92	The investigation of a class of capacitated arc routing problems: the collection of garbage in developing countries. Waste Management, 2004, 24, 711-721.	3.7	115
93	A Decomposition Approach for the Inventory-Routing Problem. Transportation Science, 2004, 38, 488-502.	2.6	243

#	ARTICLE	IF	CITATIONS
94	Ant Colony Optimization and Swarm Intelligence. Lecture Notes in Computer Science, 2004, , .	1.0	1,528
95	An integrated model of the periodic delivery problems for vending-machine supply chains. Journal of Food Engineering, 2005, 70, 421-434.	2.7	63
96	Heuristic method for a mixed capacitated arc routing problem: A refuse collection application. European Journal of Operational Research, 2005, 160, 139-153.	3.5	49
97	On a routing and scheduling problem concerning multiple edge traversals in graphs. Networks, 2005, 46, 69-81.	1.6	3
98	The Multi-depot Periodic Vehicle Routing Problem. Lecture Notes in Computer Science, 2005, , 347-350.	1.0	12
99	The Period Vehicle Routing Problem with Service Choice. Transportation Science, 2006, 40, 439-454.	2.6	129
100	Modeling techniques for periodic vehicle routing problems. Transportation Research Part B: Methodological, 2006, 40, 872-884.	2.8	85
101	A novel dynamic resource allocation model for demand-responsive city logistics distribution operations. Transportation Research, Part E: Logistics and Transportation Review, 2006, 42, 445-472.	3.7	47
102	Problema do carteiro chinês: escolha de métodos de solução e análise de tempos computacionais. Production, 2006, 16, 538-551.	1.3	3
103	Supply Chain Optimization in Pulp Distribution Using a Rolling Horizon Solution Approach. SSRN Electronic Journal, 2006, , .	0.4	4
105	A node-to-node composite graph and pseudo-Boolean modelling: An unmanned aerial vehicle energy application. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2007, 221, 815-830.	0.7	6
106	Flexibility and complexity in periodic distribution problems. Naval Research Logistics, 2007, 54, 136-150.	1.4	38
107	Optimizing the periodic pick-up of raw materials for a manufacturer of auto parts. European Journal of Operational Research, 2007, 179, 736-746.	3.5	93
108	Annotated bibliography in vehicle routing. Operational Research, 2007, 7, 27-46.	1.3	25
109	The Period Vehicle Routing Problem and its Extensions. Operations Research/ Computer Science Interfaces Series, 2008, , 73-102.	0.3	65
110	Multiperiod Planning and Routing on a Rolling Horizon for Field Force Optimization Logistics. Operations Research/ Computer Science Interfaces Series, 2008, , 503-525.	0.3	24
111	Route Design for Lean Production Systems. Transportation Science, 2008, 42, 352-370.	2.6	27
112	A simple and effective heuristic for periodic vehicle routing problem. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
113	Robust distribution planning for supplier-managed inventory agreements when demand rates and travel times are stationary. Journal of the Operational Research Society, 2008, 59, 1055-1065.	2.1	38
114	A Strategic Inventory Routing Problem Model in VMI & TPL. , 2008, , .		0
115	Tactical store delivery planning. Journal of the Operational Research Society, 2008, 59, 1047-1054.	2.1	23
116	The Periodic Vehicle Routing Problem: A Case Study. SSRN Electronic Journal, 0, , .	0.4	3
117	O problema do carteiro chinÃªs, algoritmos exatos e um ambiente MVI para anÃ¡lise de suas instÃ¢ncias: sistema XNÃŠS. Pesquisa Operacional, 2009, 29, 323-363.	0.1	3
118	Stability requirement in a weekly waste collection problem. , 2009, , .		0
119	A variable neighborhood search heuristic for periodic routing problems. European Journal of Operational Research, 2009, 195, 791-802.	3.5	239
120	Heuristic methods for the sectoring arc routing problem. European Journal of Operational Research, 2009, 196, 856-868.	3.5	56
121	Chinese Postman Problem (CPP): solution methods and computational time. International Journal of Logistics Systems and Management, 2010, 7, 324.	0.2	2
122	Fuel consumption estimation for kerbside municipal solid waste (MSW) collection activities. Waste Management and Research, 2010, 28, 289-297.	2.2	66
123	On a periodic vehicle routing problem. Journal of the Operational Research Society, 2010, 61, 1719-1728.	2.1	52
124	Some applications of the generalized vehicle routing problem. Journal of the Operational Research Society, 2010, 61, 1072-1077.	2.1	67
126	An ant colony optimization model: The period vehicle routing problem with time windows. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 166-181.	3.7	143
127	The period vehicle routing problem: New heuristics and real-world variants. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 648-668.	3.7	51
128	An Exact Algorithm for the Period Routing Problem. Operations Research, 2011, 59, 228-241.	1.2	69
129	Robust Supply Vessel Planning. Lecture Notes in Computer Science, 2011, , 559-573.	1.0	22
130	Implementation Weather-Type Models of Capacitated Arc Routing Problem via Heuristics. American Journal of Applied Sciences, 2011, 8, 382-392.	0.1	6
131	An Inventory-Distribution System with LTL Deliveries â€“ Mixed Integer Approach. Procedia, Social and Behavioral Sciences, 2011, 20, 207-216.	0.5	4

#	ARTICLE	IF	CITATIONS
132	A Periodic Routing Problem with Stochastic Demands. , 2011, , .		1
133	A case study on period vehicle routing in a refuse collection system. International Journal of Sustainable Engineering, 2011, 4, 215-223.	1.9	5
134	Solving Variants of the Vehicle Routing Problem with a Simple Parallel Iterated Tabu Search. Lecture Notes in Computer Science, 2011, , 395-400.	1.0	10
136	Development and assessment of the SHARP and RandSHARP algorithms for the arc routing problem. AI Communications, 2012, 25, 173-189.	0.8	20
137	Scheduling healthcare services in a home healthcare system. Journal of the Operational Research Society, 2012, 63, 1589-1599.	2.1	29
138	A Hybrid Genetic Algorithm for Multidepot and Periodic Vehicle Routing Problems. Operations Research, 2012, 60, 611-624.	1.2	476
139	Using Simulation to Assess the Opportunities of Dynamic Waste Collection. , 2012, , 277-307.		14
140	Optimal fleet composition and periodic routing of offshore supply vessels. European Journal of Operational Research, 2012, 223, 508-517.	3.5	74
141	A Fuel Distribution Problem â€" Application of New Multi-item Inventory Routing Formulation. Procedia, Social and Behavioral Sciences, 2012, 54, 726-735.	0.5	5
142	A parallel iterated tabu search heuristic for vehicle routing problems. Computers and Operations Research, 2012, 39, 2033-2050.	2.4	181
143	A template-based Tabu Search algorithm for the Consistent Vehicle Routing Problem. Expert Systems With Applications, 2012, 39, 4233-4239.	4.4	62
144	A metaheuristic for a teaching assistant assignment-routing problem. Computers and Operations Research, 2012, 39, 249-258.	2.4	14
146	Modeling cost-delivery trade-offs for distribution logistics by a generalized PVRP model. Journal of Business Economics, 2013, 83, 705-726.	1.3	2
147	Exact and hybrid methods for the multiperiod field service routing problem. Central European Journal of Operations Research, 2013, 21, 359-377.	1.1	19
148	A heuristic solution method for node routing based solid waste collection problems. Journal of Heuristics, 2013, 19, 129-156.	1.1	82
149	Optimal routing and scheduling of periodic inspections in large-scale railroad networks. Journal of Rail Transport Planning and Management, 2013, 3, 163-171.	0.8	25
150	Artificial bee colony algorithm with scanning strategy for the periodic vehicle routing problem. Simulation, 2013, 89, 762-770.	1.1	53
151	Metaheuristic algorithms for solving two interconnected vehicle routing problems in a hospital complex. Computers and Operations Research, 2013, 40, 2508-2518.	2.4	33

#	ARTICLE	IF	CITATIONS
152	Emissions from US waste collection vehicles. Waste Management, 2013, 33, 1079-1089.	3.7	34
153	Workforce Management in Periodic Delivery Operations. Transportation Science, 2013, 47, 214-230.	2.6	59
154	A continuous approximation approach for assessment routing in disaster relief. Transportation Research Part B: Methodological, 2013, 50, 20-41.	2.8	79
155	GRASP and Path Relinking for the Clustered Prize-collecting Arc Routing Problem. Journal of Heuristics, 2013, 19, 343-371.	1.1	8
156	An Integrated Inventory-Transportation System with Periodic Pick-Ups and Leveled Replenishment. Business Research, 2013, 6, 173-194.	4.0	8
157	Local search algorithms for integrated logistics. AI Communications, 2013, 26, 325-326.	0.8	0
158	Time Dependent Network Coverage: A Method to Estimate the Minimum Required Reporting Vehicle Fleet Size. International Journal of Transportation Science and Technology, 2013, 2, 205-226.	2.0	0
159	Monitoring of traffic networks using mobile sensors. , 2014, , .		1
160	Genetic Algorithm for the Capacitated Chinese Postman Problem on Mixed Networks. Applied Mechanics and Materials, 2014, 701-702, 44-49.	0.2	3
161	Chapter 9: Four Variants of the Vehicle Routing Problem. , 2014, , 241-271.		29
162	Vehicle routing problems in which consistency considerations are important: A survey. Networks, 2014, 64, 192-213.	1.6	88
163	Forty years of periodic vehicle routing. Networks, 2014, 63, 2-15.	1.6	118
164	Survey of Green Vehicle Routing Problem: Past and future trends. Expert Systems With Applications, 2014, 41, 1118-1138.	4.4	680
165	Solving multitrip vehicle routing under order incompatibilities: A VRP arising in supply chain management. Networks, 2014, 64, 29-39.	1.6	4
166	Environmental and economic assessment for the optimal configuration of a sustainable solid waste collection system: a 'kerbside' case study. Production Planning and Control, 2014, 25, 737-761.	5.8	31
167	Assessing and improving management practices when planning packaging waste collection systems. Resources, Conservation and Recycling, 2014, 85, 116-129.	5.3	18
168	Models and Algorithms for the Integrated Planning of Bin Allocation and Vehicle Routing in Solid Waste Management. Transportation Science, 2014, 48, 103-120.	2.6	79
169	Hybridization of tabu search with feasible and infeasible local searches for periodic home health care logistics. Omega, 2014, 47, 17-32.	3.6	90

#	Article	IF	Citations
170	Economic and environmental concerns in planning recyclable waste collection systems. Transportation Research, Part E: Logistics and Transportation Review, 2014, 62, 34-54.	3.7	35
171	A set-covering based heuristic algorithm for the periodic vehicle routing problem. Discrete Applied Mathematics, 2014, 163, 53-64.	0.5	74
172	Municipal Solid Waste Collection and Management Problems: A Literature Review. Transportation Science, 2014, 48, 78-102.	2.6	135
173	Multi-period street scheduling and sweeping. International Journal of Metaheuristics, 2014, 3, 21.	0.1	5
174	Integrated planning in hybrid courier operations. International Journal of Logistics Management, 2014, 25, 611-634.	4.1	10
175	Bio-inspired Algorithms Applied in Multi-objective Vehicle Routing Problem: Frameworks and Applications. Communications in Computer and Information Science, 2015, , 432-446.	0.4	3
177	Multi-Product Inventory-Routing Problem in the Supermarket Distribution Industry. International Journal of Food Engineering, 2015, 11, 747-766.	0.7	8
178	Vehicle routing–scheduling for municipal waste collection system under the "Keep Trash off the Ground" policy. Omega, 2015, 55, 24-37.	3.6	50
179	An algorithm for Hierarchical Chinese postman problem using minimum spanning tree approach based on Kruskal's algorithm. , 2015, , .		4
180	A Tabu Search Method for a Bi-Objective Urban Waste Collection Problem. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 36-53.	6.3	28
181	City streets parking enforcement inspection decisions: The Chinese postman's perspective. European Journal of Operational Research, 2015, 242, 149-160.	3.5	2
182	Rich vehicle routing problems: From a taxonomy to a definition. European Journal of Operational Research, 2015, 241, 1-14.	3.5	217
183	An Interactive Biobjective Method for Solving a Waste Collection Problem. Mathematical Problems in Engineering, 2016, 2016, 1-8.	0.6	5
184	The Mixed Chinese Postman Problem Parameterized by Pathwidth and Treedepth. SIAM Journal on Discrete Mathematics, 2016, 30, 2177-2205.	0.4	14
185	Food Rescue and Delivery. Transportation Research Record, 2016, 2548, 81-89.	1.0	21
186	MOAMP-Tabu search and NSGA-II for a real Bi-objective scheduling-routing problem. Knowledge-Based Systems, 2016, 112, 92-104.	4.0	24
187	Planning Strategies for Home Health Care Delivery. Asia-Pacific Journal of Operational Research, 2016, 33, 1650041.	0.9	20
188	Twenty Years of Vehicle Routing in Vienna. Dynamic Modeling and Econometrics in Economics and Finance, 2016, , 491-520.	0.4	0

#	Article	IF	Citations
189	Determining collaborative profits in coalitions formed by two partners with varying characteristics. Transportation Research Part C: Emerging Technologies, 2016, 70, 171-184.	3.9	31
190	Evolutionary Computation in Combinatorial Optimization. Lecture Notes in Computer Science, 2016, , .	1.0	1
191	A computational study comparing different multiple neighbourhood strategies for solving rich vehicle routing problems. IMA Journal of Management Mathematics, 2016, 27, 3-23.	1.1	8
192	Integrating a heterogeneous fixed fleet and a flexible assignment of destination depots in the waste collection VRP with intermediate facilities. Transportation Research Part B: Methodological, 2016, 84, 256-273.	2.8	58
193	Smart and Green Urban Solid Waste Collection Systems: Advances, Challenges, and Perspectives. IEEE Systems Journal, 2017, 11, 2804-2817.	2.9	51
194	Optimization in offshore supply vessel planning. Optimization and Engineering, 2017, 18, 317-341.	1.3	19
195	Vehicle routing and resource distribution in postdisaster humanitarian relief operations. International Transactions in Operational Research, 2017, 24, 1253-1284.	1.8	44
196	A facility location model for municipal solid waste management system under uncertain environment. Science of the Total Environment, 2017, 603-604, 760-771.	3.9	65
197	The Flexible Periodic Vehicle Routing Problem. Computers and Operations Research, 2017, 85, 58-70.	2.4	49
198	A periodic location routing problem for collaborative recycling. IISE Transactions, 2017, 49, 414-428.	1.6	17
199	Planning of parking enforcement patrol considering drivers' parking payment behavior. Transportation Research Part B: Methodological, 2017, 106, 375-392.	2.8	13
200	Solving the Periodic Edge Routing Problem in the Municipal Waste Collection. Asia-Pacific Journal of Operational Research, 2017, 34, 1740015.	0.9	6
201	Solving a bi-objective location routing problem by a NSGA-II combined with clustering approach: application in waste collection problem. Journal of Industrial Engineering International, 2017, 13, 13-27.	1.8	54
202	Parameterized complexity of the k-arc Chinese Postman Problem. Journal of Computer and System Sciences, 2017, 84, 107-119.	0.9	9
203	A novel two-dimensional particle encoding for vehicle routing control. , 2017, , .		0
204	GRASP-VNS for a Periodic VRP with Time Windows to Deal with Milk Collection. Lecture Notes in Computer Science, 2018, , 299-306.	1.0	4
205	Improving efficient resource usage and reducing carbon dioxide emissions by optimizing fleet management for winter services. Journal of Cleaner Production, 2018, 177, 1-11.	4.6	6
206	A simheuristic algorithm for solving the arc routing problem with stochastic demands. Journal of Simulation, 2018, 12, 53-66.	1.0	52

#	Article	IF	Citations
207	A new bi-objective periodic vehicle routing problem with maximization market share in an uncertain competitive environment. Computational and Applied Mathematics, 2018, 37, 1680-1702.	1.3	4
208	Scheduling and routing models for food rescue and delivery operations. Socio-Economic Planning Sciences, 2018, 63, 18-32.	2.5	28
209	A Two-Phase Heuristic Algorithm for the Problem of Scheduling and Vehicle Routing for Delivery of Medication to Patients. Mathematical Problems in Engineering, 2018, 2018, 1-12.	0.6	4
211	Robust Periodic Vehicle Routing Problem with Service Time Uncertainty. , 2018, , .		1
212	Waste level detection and HMM based collection scheduling of multiple bins. PLoS ONE, 2018, 13, e0202092.	1.1	13
213	Unmanned aerial vehicle scheduling problem for traffic monitoring. Computers and Industrial Engineering, 2018, 122, 15-23.	3.4	44
214	Improvement of the Municipal Waste Collection : The real case of city center of Tlemcen, Algeria. , 2018, , .		1
215	Post-disaster transportation of seriously injured people to hospitals. Journal of Humanitarian Logistics and Supply Chain Management, 2018, 8, 227-251.	1.7	10
216	Vehicle Routing Problem in Reverse Logistics with Split Demands of Customers and Fuel Consumption Optimization. Arabian Journal for Science and Engineering, 2019, 44, 2641-2651.	1.7	11
217	The periodic vehicle routing problem with driver consistency. European Journal of Operational Research, 2019, 273, 575-584.	3.5	40
218	A robust bi-objective multi-trip periodic capacitated arc routing problem for urban waste collection using a multi-objective invasive weed optimization. Waste Management and Research, 2019, 37, 1089-1101.	2.2	62
219	Neural-like encoding particle swarm optimization for periodic vehicle routing problems. Expert Systems With Applications, 2019, 138, 112833.	4.4	27
220	Two metaheuristics approaches for solving the traveling salesman problem: an Algerian waste collection case. Operational Research, 2021, 21, 1641-1661.	1.3	6
221	Developing an applied algorithm for multi-trip vehicle routing problem with time windows in urban waste collection: A case study. Waste Management and Research, 2019, 37, 4-13.	2.2	82
222	Biased†randomized iterated local search for a multiperiod vehicle routing problem with price discounts for delivery flexibility. International Transactions in Operational Research, 2019, 26, 1293-1314.	1.8	29
223	Exact solution methods for the multi-period vehicle routing problem with due dates. Computers and Operations Research, 2019, 110, 148-158.	2.4	20
224	Branch-and-Price-and-Cut for the Periodic Vehicle Routing Problem with Flexible Schedule Structures. Transportation Science, 2019, 53, 850-866.	2.6	11
225	Solving a real-life roll-on†"roll-off waste collection problem with column generation. Journal on Vehicle Routing Algorithms, 2019, 2, 41-54.	1.5	8

#	ARTICLE	IF	CITATIONS
226	Multiple Periods Vehicle Routing Problems: A Case Study. Lecture Notes in Computer Science, 2019, , 83-98.	1.0	1
227	Coordinated delivery in urban retail. Transportation Research, Part E: Logistics and Transportation Review, 2019, 126, 122-148.	3.7	5
229	The periodic rural postman problem with irregular services on mixed graphs. European Journal of Operational Research, 2019, 276, 826-839.	3.5	10
230	Vehicle Routing and Location Routing with Intermediate Stops: A Review. Transportation Science, 2019, 53, 319-343.	2.6	112
231	A vehicle routing problem with dynamic demands and restricted failures solved using stochastic predictive control. , 2019, , .		1
232	Periodic Vehicle Routing Problem for Home HemoDialysis Care. , 2019, , .		0
233	Setting the Configuration Parameters of the Algorithm for the Periodic Vehicle Routing Problem by HPC Power. MATEC Web of Conferences, 2019, 296, 01009.	0.1	0
235	Research on dispatch of drugs and consumables in SPD warehouse of large scale hospital under uncertain environment: take respiratory consumables as an example. Journal of Combinatorial Optimization, 2021, 42, 848-865.	0.8	0
236	Modified variable neighborhood search and genetic algorithm for profitable heterogeneous vehicle routing problem with cross-docking. Applied Soft Computing Journal, 2019, 75, 441-460.	4.1	80
237	Optimization in Waste Collection to Reach Sustainable Waste Management. , 2019, , 207-238.		2
238	Sustainable Solid Waste Collection and Management. , 2019, , .		34
239	An improved ant colony optimization for the multi-trip Capacitated Arc Routing Problem. Computers and Electrical Engineering, 2019, 77, 457-470.	3.0	79
240	Solving large-scale time capacitated arc routing problems: from real-time heuristics to metaheuristics. Annals of Operations Research, 2019, 273, 135-162.	2.6	17
241	A bi-objective solution approach to a real-world waste collection problem. Journal of the Operational Research Society, 2020, 71, 183-194.	2.1	12
242	Waste collection inventory routing with non-stationary stochastic demands. Computers and Operations Research, 2020, 113, 104798.	2.4	27
243	A hybrid augmented ant colony optimization for the multi-trip capacitated arc routing problem under fuzzy demands for urban solid waste management. Waste Management and Research, 2020, 38, 156-172.	2.2	73
244	A Discrete-Continuous Hybrid Approach to Periodic Routing of Waste Collection Vehicles With Recycling Operations. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 5236-5245.	4.7	5
245	A biâ€objective inventory routing problem with interval grey demand data. Grey Systems Theory and Application, 2020, 10, 193-214.	1.0	2

#	ARTICLE	IF	CITATIONS
246	Heuristics and Meta-Heuristics Based Multiple Depot Vehicle Routing Problem: A Review. , 2020, , .		2
247	A unified model framework for the multi-attribute consistent periodic vehicle routing problem. PLoS ONE, 2020, 15, e0237014.	1.1	2
248	Optimization of Vehicle Routing for Waste Collection and Transportation. International Journal of Environmental Research and Public Health, 2020, 17, 4963.	1.2	48
249	A Solution for the Full-Load Collection Vehicle Routing Problem With Multiple Trips and Demands: An Application in Beijing. IEEE Access, 2020, 8, 89381-89394.	2.6	10
250	Modeling the Municipal Waste Collection Using Genetic Algorithms. Processes, 2020, 8, 513.	1.3	4
251	Goods Consumed During Transit in Split Delivery Vehicle Routing Problems: Modeling and Solution. IEEE Access, 2020, 8, 110336-110350.	2.6	5
252	Vehicle routing problems over time: a survey. 4or, 2020, 18, 129-149.	1.0	55
253	An Improved Ant Colony Optimization algorithm to the Periodic Vehicle Routing Problem with Time Window and Service Choice. Swarm and Evolutionary Computation, 2020, 55, 100675.	4.5	63
254	Adaptive large variable neighborhood search for a multiperiod vehicle and technician routing problem. Networks, 2020, 76, 256-272.	1.6	7
255	Designing a multi-objective model for a hazardous waste routing problem considering flexibility of routes and social effects. Journal of Industrial and Production Engineering, 2020, 37, 33-45.	2.1	18
256	Pricing for delivery time flexibility. Transportation Research Part B: Methodological, 2020, 133, 230-256.	2.8	15
257	On the road to better routes: Five decades of published research on the vehicle routing problem. Networks, 2021, 77, 66-87.	1.6	9
258	Arc routing problems: A review of the past, present, and future. Networks, 2021, 77, 88-115.	1.6	48
259	â€œMake no little plansâ€: Impactful research to solve the next generation of transportation problems. Networks, 2021, 77, 269-286.	1.6	20
260	Optimizing a biâ€objective vehicle routing problem that appears in industrial enterprises. Expert Systems, 2021, 38, .	2.9	1
261	Multi-objective periodic cash transportation problem with path dissimilarity and arrival time variation. Expert Systems With Applications, 2021, 164, 114015.	4.4	10
262	Integrated Planning of IoT-Based Smart Bin Allocation and Vehicle Routing in Solid Waste Management. IFIP Advances in Information and Communication Technology, 2021, , 499-509.	0.5	2
263	Adaptive large neighborhood search Algorithm for route planning of freight buses with pickup and delivery. Journal of Industrial and Management Optimization, 2021, 17, 1771.	0.8	2

#	Article	IF	Citations
264	Scheduling Periodical Deliveries from a Distribution Centre to Minimize the Fleet Size. , 2021, , 159-177.		0
265	Model of Flexible Periodic Vehicle Routing Problem-Service Choice Considering Inventory Status. Jurnal Teknik Industri, 2021, 22, 125-137.	0.4	1
266	Introduction of an underground waste container system—model and solution approaches. European Journal of Operational Research, 2021, 295, 675-689.	3.5	7
267	A sustainable medical waste collection and transportation model for pandemics. Waste Management and Research, 2021, 39, 34-44.	2.2	66
268	Waste collection routing problem: A mini-review of recent heuristic approaches and applications. Waste Management and Research, 2022, 40, 519-537.	2.2	18
269	Period sewage recycling vehicle routing problem based on real-time data. Journal of Cleaner Production, 2021, 288, 125628.	4.6	4
270	Scheduling the periodic delivery of liquefied petroleum gas tank with time window by using artificial intelligence approaches: An example in Taiwan. Science Progress, 2021, 104, 003685042110403.	1.0	1
271	Multi-Objective Optimization for Healthcare Waste Management Network Design with Sustainability Perspective. Sustainability, 2021, 13, 8279.	1.6	26
272	Bi-Objective Adaptive Large Neighborhood Search Algorithm for the Healthcare Waste Periodic Location Inventory Routing Problem. Arabian Journal for Science and Engineering, 2022, 47, 3861-3876.	1.7	10
273	Robust Optimization of Municipal Solid Waste Collection and Transportation with Uncertain Waste Output: A Case Study. Journal of Systems Science and Systems Engineering, 2022, 31, 204-225.	0.8	8
274	A Heuristic Algorithm for solving a large-scale real-world territory design problem. Omega, 2021, 103, 102442.	3.6	8
275	Sustainable vehicle routing problem for coordinated solid waste management. Journal of Industrial Information Integration, 2021, 23, 100220.	4.3	59
276	The collaborative consistent vehicle routing problem with workload balance. European Journal of Operational Research, 2021, 293, 955-965.	3.5	50
277	Modeling and Optimization of Vehicle Routing and Arc Routing Problems. , 2006, , 151-191.		9
278	Applications of Set Covering, Set Packing and Set Partitioning Models: A Survey. , 1998, , 573-746.		33
279	Evaluating Hyperheuristics and Local Search Operators for Periodic Routing Problems. Lecture Notes in Computer Science, 2016, , 104-120.	1.0	6
280	Collection and Vehicle Routing Issues in Reverse Logistics. , 2004, , 95-134.		28
281	Optimization of Multiple Traveling Salesmen Problem by a Novel Representation Based Genetic Algorithm. Studies in Computational Intelligence, 2011, , 241-269.	0.7	29

#	Article	IF	Citations
282	The Application of a Vehicle Routing Model to a Waste Collection Problem: Two Case Studies. Lecture Notes in Economics and Mathematical Systems, 2002, , 269-286.	0.3	7
283	Parameterized Complexity of the k-Arc Chinese Postman Problem. Lecture Notes in Computer Science, 2014, , 530-541.	1.0	4
285	CREATING NETWORK STRUCTURE IN LP'S. , 1981, , 361-367.		4
286	Optimal assignment for the single-household shared autonomous vehicle problem. Transportation Research Part B: Methodological, 2020, 141, 98-115.	2.8	12
288	Immune Based Evolutionary Algorithm for Determining the Optimal Sequence of Multiple Disinfection Operations. Scientia Iranica, 2018, .	0.3	3
289	Inventory routing problem and its recent development: Review. Journal of Computer Applications, 2010, 30, 453-457.	0.1	3
290	Multi-period routing in Hybrid Courier Operations. Advances in Logistics, Operations, and Management Science Book Series, 0, , 232-251.	0.3	3
291	Periodic Sweep Coverage Scheme Based on Periodic Vehicle Routing Problem. Journal of Networks, 2014, 9, .	0.4	14
293	Efficient heuristics for the Rural Postman Problem. ORiON, 2005, 21, .	0.3	24
294	The life and times of the Savings Method for Vehicle Routing Problems. ORiON, 2011, 25, .	0.3	17
296	Planung von Fertigungssystemen â€" Abläufe und Dimensionen. , 2001, , 447-655.		0
297	Técnicas da pesquisa operacional aplicadas na otimização dos serviços postais. Gestão & Produção, 2001, 8, 37-55.	0.5	1
299	An Adaptive Genetic Algorithm for Time Dependent Inventory Routing Problem. Journal of Transport Research, 2012, 19, 35-56.	0.2	0
300	Urban Services. , 2013, , 1588-1593.		0
301	Optimization of Recyclable Waste Collection Using Real-Time Information. , 2014, , 171-177.		0
303	MODELING AND OPTIMIZATION FOR TRANSPORTATION SYSTEMS PLANNING AND OPERATIONS**Supported in part by U.S. Department of Transportation (Contract DOT-TSC-1058), Transportation Advanced Research Program (TARP).. , 1977, , 198-213.		0
304	AUTOMATIC ROUTING AND SCHEDULING OF A FLEET OF VEHICLES PROVIDING DOOR-TO-DOOR SERVICE FOR HANDICAPPED PEOPLE. , 1984, , 89-95.		0
305	Planung von Fertigungssystemen â€" Abläufe und Dimensionen. , 1999, , 443-632.		0

#	Article	IF	Citations
306	Heurística para solução do problema da coleta de resíduos sólidos domiciliares (RSD) com base no problema do carteiro chinês capacitado com múltiplas viagens (PCCC-MV). Transportes, 2014, 22, 44.	0.3	0
307	Periodic Vehicle Routingn problem and tabu search algorithm. , 2015, , .		0
308	Quantitative assessment of sustainable city logistics. International Journal of Production Management and Engineering, 2015, 3, 97.	0.8	0
309	A decision support system for a waste collection vehicle routing problem. , 2015, , 91-96.		0
310	Application of an Improved Genetic Algorithm to the Path Optimization of Urban Medical Waste Recovery. , 2015, , .		0
311	Planning the supply of gas LPG to the filling station network in the concept of stocks controlled by the carrier. Transportation Overview, 2016, 2016, 35-42.	0.0	0
312	A Two-Phase Method to Periodic Vehicle Routing Problem with Variable Service Frequency. Lecture Notes in Computer Science, 2018, , 525-538.	1.0	0
313	Planejamento tático de rotas marítimas para suprimento de plataformas de produção de petróleo. Transportes, 2019, 27, 65-81.	0.3	0
314	Optimizing a Bi-objective Vehicle Routing Problem Appearing in Industrial Enterprises. Advances in Intelligent Systems and Computing, 2020, , 452-462.	0.5	0
315	On the periodic hierarchical Chinese postman problem. Soft Computing, 0, , 1.	2.1	1
316	A Model for Municipal Street Sweeping Operations. , 1983, , 76-111.		3
317	Sources of Applications of Mathematics in Ecological and Environmental Subject Areas, Suitable for Classroom Use. , 1983, , 137-168.		0
318	A heuristic algorithm for the periodic vehicle routing problem with flexible delivery dates. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2020, 14, JAMDSM0073-JAMDSM0073.	0.3	1
319	Optimal Commodity Distribution for a Vehicle with Fixed Capacity Under Vendor Managed Inventory. Lecture Notes in Computer Science, 2007, , 329-339.	1.0	0
320	Intelligent household waste collection. , 2021, , .		2
321	Sustainable Waste Collection Vehicle Routing Problem for COVID-19. Intelligent Automation and Soft Computing, 2022, 33, 457-472.	1.6	2
322	VRP variants applicable to collecting donations and similar problems: A taxonomic review. Computers and Industrial Engineering, 2022, 164, 107887.	3.4	11
323	Region-Focused Memetic Algorithms With Smart Initialization for Real-World Large-Scale Waste Collection Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 704-718.	7.5	9

#	Article	IF	Citations
324	Vehicle routing problems over time: a survey. Annals of Operations Research, 2022, 314, 255-275.	2.6	29
325	The Heterogeneous Flexible Periodic Vehicle Routing Problem: Mathematical formulations and solution algorithms. Computers and Operations Research, 2022, 141, 105662.	2.4	6
326	Sustainable multi-trip periodic redesign-routing model for municipal solid waste collection network: the case study of Tehran. Environmental Science and Pollution Research, 2022, 29, 35944-35963.	2.7	4
327	Vehicle Routing Optimization for Pandemic Containment: A Systematic Review on Applications and Solution Approaches. Sustainability, 2022, 14, 2053.	1.6	5
328	Mobile healthcare services in rural areas: an application with periodic location routing problem. OR Spectrum, 2022, 44, 875-910.	2.1	6
329	YOLO-Green: A Real-Time Classification and Object Detection Model Optimized for Waste Management. , 2021, , .		9
330	Logistics Engineering Handbook. , 2007, , .		9
332	A solution framework for the integrated periodic supply vessel planning and port scheduling in oil and gas supply logistics. Optimization and Engineering, 2023, 24, 1115-1155.	1.3	1
333	Modeling a periodic electric vehicleâ€"routing problem considering delivery due date and mixed charging rates using metaheuristic method. Environmental Science and Pollution Research, 2022, , .	2.7	0
334	IoT-based smart bin allocation and vehicle routing in solid waste management: A case study in South Korea. Computers and Industrial Engineering, 2022, 171, 108457.	3.4	23
335	Dynamic Fleet Management and Household Feedback for Garbage Collection. , 2022, , .		1
336	Multi-depot periodic vehicle routing with variable visit patterns. , 2022, , .		0
337	A solution framework for the integrated periodic supply vessel planning and port scheduling in oil and gas supply logistics. Optimization and Engineering, 0, , .	1.3	1
338	A Multi-Period Vehicle Routing Problem for Emergency Perishable Materials under Uncertain Demand Based on an Improved Whale Optimization Algorithm. Mathematics, 2022, 10, 3124.	1.1	2
339	Variable Neighborhood Search for Multi-Cycle Medical Waste Recycling Vehicle Routing Problem with Time Windows. International Journal of Environmental Research and Public Health, 2022, 19, 12887.	1.2	6
340	Prospects and challenges of ripple spreading algorithm for waste collection path optimization problem in Indonesia. IOP Conference Series: Earth and Environmental Science, 2022, 1108, 012012.	0.2	1
341	Periodic Vehicle Routing Problem with Driver Consistency and service time optimization. Transportation Research Part B: Methodological, 2022, 166, 468-484.	2.8	1
342	Capacitated Waste Collection Problem Solution Using an Open-Source Tool. Computers, 2023, 12, 15.	2.1	5

#	ARTICLE	IF	CITATIONS
343	Systematic Review of the Latest Scientific Publications on the Vehicle Routing Problem. Asia-Pacific Journal of Operational Research, 2023, 40, .	0.9	1
344	Pneumatic Urban Waste Collection Systems: A Review. Applied Sciences (Switzerland), 2023, 13, 877.	1.3	2
345	Territorial design for customers with demand frequency. European Journal of Operational Research, 2023, , .	3.5	1
346	A systematic literature review of the vehicle routing problem in reverse logistics operations. Computers and Industrial Engineering, 2023, 177, 109011.	3.4	10
347	Metaheuristics with variable diversity control and neighborhood search for the Heterogeneous Site-Dependent Multi-depot Multi-trip Periodic Vehicle Routing Problem. Computers and Operations Research, 2023, 153, 106189.	2.4	4
348	Fuel Efficiency of Garbage Truck Navigation. , 2022, , .		0
352	A Two-Phase Approach to Evaluate and Optimize an Interlibrary Loan Service: The Case Study of Provincia di Brescia. AIRO Springer Series, 2023, , 17-33.	0.4	0
355	Methodological Model for the Solution of Periodic Customer Scheduling in Routing Problems. Lecture Notes in Networks and Systems, 2023, , 207-218.	0.5	0
361	A bi-objective Smart Capacitated Vehicle Routing Problem with Threshold Waste Level for the Home Health Care. , 2023, , .		0
366	Digital Technologies for Advancing Future Municipal Solid Waste Collection Services. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2024, , 167-192.	0.2	0