A generalized assignment heuristic for vehicle routing

Networks

11, 109-124

DOI: 10.1002/net.3230110205

Citation Report

#	Article	IF	Citations
1	Combinatorial optimization and vehicle fleet planning: Perspectives and prospects. Networks, 1981, 11, 179-213.	2.7	125
2	Analytical Evaluation of Hierarchical Planning Systems. Operations Research, 1981, 29, 707-716.	1.9	97
3	A Computerized Vehicle Routing Application. Interfaces, 1982, 12, 42-52.	1.5	53
4	A branch and bound algorithm for the capacitated vehicle routing problem. OR Spectrum, 1983, 5, 77-85.	3.4	97
5	Stochastic vehicle routing: A comprehensive approach. European Journal of Operational Research, 1983, 14, 371-385.	5.7	237
6	Routing and scheduling of vehicles and crews. Computers and Operations Research, 1983, 10, 63-211.	4.0	741
7	An Heuristic Method for Solving Time-Sensitive Routeing Problems. Journal of the Operational Research Society, 1984, 35, 407-414.	3.4	9
8	The Distance Traveled to Visit N Points with a Maximum of C Stops per Vehicle: An Analytic Model and an Application. Transportation Science, 1984, 18, 331-350.	4.4	232
9	An Heuristic Method for Solving Time-Sensitive Routeing Problems. Journal of the Operational Research Society, 1984, 35, 407.	3.4	1
10	The fleet size and mix vehicle routing problem. Computers and Operations Research, 1984, 11, 49-66.	4.0	385
11	A Lagrangean relaxation heuristic for vehicle routing. European Journal of Operational Research, 1984, 15, 84-88.	5.7	27
12	Brief note a routing problem for a plant nursery. Mathematical Modelling, 1984, 5, 63-67.	0.2	0
13	A heuristic algorithm for the period vehicle routing problem. Omega, 1984, 12, 497-504.	5.9	91
14	Vehicle routing using fixed delivery areas. Omega, 1984, 12, 591-600.	5.9	26
15	Two exact algorithms for the distance-constrained vehicle routing problem. Networks, 1984, 14, 161-172.	2.7	88
16	Routing with time windows by column generation. Networks, 1984, 14, 545-565.	2.7	278
17	A comparison of techniques for solving the fleet size and mix vehicle routing problem. OR Spectrum, 1984, 6, 207-216.	3.4	63
18	Implementation techniques for the vehicle routing problem. Computers and Operations Research, 1985, 12, 273-283.	4.0	35

#	Article	IF	Citations
19	Clustering for routing in densely populated areas. European Journal of Operational Research, 1985, 20, 48-57.	5.7	54
20	A computational comparison of algorithms for the inventory routing problem. Annals of Operations Research, 1985, 4, 1-23.	4.1	126
21	Vehicle routing via column generation. European Journal of Operational Research, 1985, 21, 65-76.	5.7	15
22	Distribution Strategies that Minimize Transportation and Inventory Costs. Operations Research, 1985, 33, 469-490.	1.9	349
23	The Sage System Architecture: A System for the Rapid Development of Graphics Interfaces for Decision Support. IEEE Computer Graphics and Applications, 1985, 5, 38-50.	1.2	13
24	Logistics: An overview of the state of the art and perspectives on future research. Transportation Research Part A: Policy and Practice, 1985, 19, 383-398.	0.2	65
25	Future directions in logistics research. Transportation Research Part A: Policy and Practice, 1985, 19, 405-409.	0.2	12
26	Multicriteria ranking of air shuttle alternatives. Transportation Research Part B: Methodological, 1985, 19, 63-72.	5.9	18
27	Research perspectives in vehicle routing and scheduling. Transportation Research Part A: Policy and Practice, 1986, 20, 239-243.	0.2	10
28	Methods for routing with time windows. European Journal of Operational Research, 1986, 23, 236-245.	5.7	39
29	A new Lagrangian relaxation approach to the generalized assignment problem. European Journal of Operational Research, 1986, 27, 313-323.	5.7	93
30	An Allocation and Distribution Model for Perishable Products. Operations Research, 1986, 34, 75-82.	1.9	143
31	A Multiplier Adjustment Method for the Generalized Assignment Problem. Management Science, 1986, 32, 1095-1103.	4.1	321
32	Resource-Constrained Assignment Scheduling. Operations Research, 1986, 34, 560-572.	1.9	89
33	OR Forumâ€"Perspectives on Vehicle Routing: Exciting New Developments. Operations Research, 1986, 34, 803-810.	1.9	89
34	A new heuristic for determining fleet size and composition. Mathematical Programming Studies, 1986, , 233-236.	0.8	33
35	Pickup and Delivery of Partial Loads with â€œSoftâ€•Time Windows. American Journal of Mathematical and Management Sciences, 1986, 6, 369-398.	0.9	62
36	The Multi-Depot Routing Allocation Problem. American Journal of Mathematical and Management Sciences, 1987, 7, 7-34.	0.9	12

#	Article	IF	Citations
37	Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints. Operations Research, 1987, 35, 254-265.	1.9	3,139
38	Exact Algorithms for the Vehicle Routing Problem. North-Holland Mathematics Studies, 1987, 132, 147-184.	0.2	110
39	Inventory/routing: Reduction from an annual to a short-period problem. Naval Research Logistics, 1987, 34, 891-905.	2.2	191
40	Heuristics for unequal weight delivery problems with a fixed error guarantee. Operations Research Letters, 1987, 6, 149-158.	0.7	63
41	Vehicle routing considerations in distribution system design. European Journal of Operational Research, 1988, 37, 204-213.	5.7	57
42	MULTIDIMENSIONAL ASSIGNMENT PROBLEMS. Decision Sciences, 1988, 19, 306-321.	4.5	68
43	The savings algorithm for the vehicle routing problem. European Journal of Operational Research, 1988, 34, 336-344.	5.7	162
44	A bi-criteria heuristic for the vehicle routing problem with time windows. European Journal of Operational Research, 1988, 36, 217-226.	5.7	41
45	Effective methods for petroleum tank truck dispatching. Computers and Operations Research, 1988, 15, 323-331.	4.0	9
46	Bottleneck generalized assignment problems. Engineering Costs and Production Economics, 1988, 14, 61-65.	0.2	37
47	Survey Paperâ€"Time Window Constrained Routing and Scheduling Problems. Transportation Science, 1988, 22, 1-13.	4.4	439
48	Graphical-structure-based models for routing problems. International Journal of Systems Science, 1988, 19, 1667-1686.	5.5	2
49	An Integrated Inventory Allocation and Vehicle Routing Problem. Transportation Science, 1989, 23, 67-76.	4.4	131
50	Reconstructing shortest paths. Annals of Operations Research, 1989, 20, 179-185.	4.1	0
51	Heuristic methods and applications: A categorized survey. European Journal of Operational Research, 1989, 43, 88-110.	5.7	83
52	A primal-dual conjugate subgradient algorithm for specially structured linear and convex programming problems. Applied Mathematics and Optimization, 1989, 20, 193-221.	1.6	52
53	A set-partitioning-based exact algorithm for the vehicle routing problem. Networks, 1989, 19, 731-749.	2.7	102
54	The vehicle routing problem with backhauls. European Journal of Operational Research, 1989, 42, 39-51.	5.7	198

#	Article	IF	Citations
55	Plant location and vehicle routing in the Malaysian rubber smallholder sector: A case study. European Journal of Operational Research, 1989, 38, 14-26.	5.7	24
56	Generalized Assignment with Nonlinear Capacity Interaction. Management Science, 1989, 35, 923-941.	4.1	31
57	A Heuristic Algorithm for Multi-Period Delivery Planning Problems. Journal of Information and Optimization Sciences, 1990, 11, 393-412.	0.3	1
58	A parallel insertion heuristic for vehicle routing with side constraints. Statistica Neerlandica, 1990, 44, 139-148.	1.6	9
59	Lagrangean relaxation and constraint generation procedures for capacitated plant location problems with single sourcing. OR Spectrum, 1990, 12, 79-88.	3.4	44
60	The hamiltonian p-median problem. European Journal of Operational Research, 1990, 47, 86-95.	5.7	35
61	Improving the Performance of Genetic Algorithms in Automated Discovery of Parameters. , 1990, , 140-148.		6
62	Expert Systems for Vehicle Scheduling. Journal of the Operational Research Society, 1990, 41, 505-515.	3.4	15
63	Routing in Point-to-Point Delivery Systems: Formulations and Solution Heuristics. Transportation Science, 1990, 24, 245-260.	4.4	61
64	Expert Systems for Vehicle Scheduling. Journal of the Operational Research Society, 1990, 41, 505.	3.4	1
65	Twenty Years of Routing and Scheduling. Operations Research, 1990, 38, 571-579.	1.9	82
66	Split delivery routing. Naval Research Logistics, 1990, 37, 383-402.	2.2	222
67	Fleet Size Planning when Outside Carrier Services Are Available. Transportation Science, 1990, 24, 169-182.	4.4	48
68	Models and algorithms for a two-stage production process. Production Planning and Control, 1990, 1, 27-39.	8.8	46
69	Technical Noteâ€"Heuristics for Delivery Problems with Constant Error Guarantees. Transportation Science, 1990, 24, 294-297.	4.4	61
70	Characteristics of multi-shop/ multi-termal delivery routes, with backghauls and unique items. Transportation Research Part B: Methodological, 1991, 25, 391-403.	5.9	10
71	A routing and scheduling method in considering tradeâ€off between the user's and the operator's objectives. Transportation Planning and Technology, 1991, 16, 63-75.	2.0	1
72	GIDEON: a genetic algorithm system for vehicle routing with time windows. , 0, , .		72

#	Article	IF	Citations
73	A Clustering and Insertion Heuristic Applied to a Large Routeing Problem in Food Distribution. Journal of the Operational Research Society, 1991, 42, 555.	3.4	1
74	Optimal Pacing of Trains in Freight Railroads: Model Formulation and Solution. Operations Research, 1991, 39, 82-99.	1.9	110
75	A hybrid algorithm for the generalized assignment problem. Optimization, 1991, 22, 273-282.	1.7	8
76	Integration of adaptive machine learning and knowledge-based systems for routing and scheduling applications. Expert Systems With Applications, 1991, 2, 15-27.	7.6	27
77	ESOM: An expert system for multicriteria scheduling. Expert Systems With Applications, 1991, 3, 463-479.	7.6	2
78	A new heuristic for the fleet size and mix vehicle routing problem. Computers and Operations Research, 1991, 18, 263-274.	4.0	88
79	Dispatching a fishing trawler fleet in the Canadian Atlantic groundfish industry. European Journal of Operational Research, 1991, 55, 148-164.	5.7	9
80	A multiphase approach to the period routing problem. Networks, 1991, 21, 747-765.	2.7	75
81	Dynamic Vehicle Scheduling: An Expert Systems Approach. International Journal of Physical Distribution and Logistics Management, 1991, 21, 10-18.	7.4	20
82	Algorithms for the Multi-Resource Generalized Assignment Problem. Management Science, 1991, 37, 695-713.	4.1	96
83	Parallel Savings Based Heuristics for the Delivery Problem. Operations Research, 1991, 39, 456-469.	1.9	97
84	A Clustering and Insertion Heuristic Applied to a Large Routeing Problem in Food Distribution. Journal of the Operational Research Society, 1991, 42, 555-564.	3.4	14
85	Optimization models and algorithms: an emerging technology for the motor carrier industry. IEEE Transactions on Vehicular Technology, 1991, 40, 68-80.	6.3	16
86	Algorithm management using genetic search for computer-aided vehicle routing. , 0, , .		1
87	Conversational statistical comparison of routing algorithms. , 1992, , .		0
88	A simulated annealing technique approach to the vehicle routing problem in the case of stochastic demand. Transportation Planning and Technology, 1992, 16, 261-273.	2.0	61
89	An Optimization-Based Heuristic for Vehicle Routing and Scheduling with Soft Time Window Constraints. Transportation Science, 1992, 26, 69-85.	4.4	152
90	Further Inprovements to Vehicle Routeing Heuristics. Journal of the Operational Research Society, 1992, 43, 1009-1012.	3.4	11

#	Article	IF	Citations
91	The Orienteering Problem with Time Windows. Journal of the Operational Research Society, 1992, 43, 629-635.	3.4	116
92	Vehicle Routeing in Large Organizations: A Case Study. International Journal of Operations and Production Management, 1992, 12, 71-78.	5.9	5
93	Further Inprovements to Vehicle Routeing Heuristics. Journal of the Operational Research Society, 1992, 43, 1009.	3.4	0
94	The Orienteering Problem with Time Windows. Journal of the Operational Research Society, 1992, 43, 629.	3.4	7
95	Clustering algorithms for consolidation of customer orders into vehicle shipments. Transportation Research Part B: Methodological, 1992, 26, 365-379.	5.9	63
96	The vehicle scheduling problem with intermittent customer demands. Computers and Operations Research, 1992, 19, 521-531.	4.0	31
97	A survey of algorithms for the generalized assignment problem. European Journal of Operational Research, 1992, 60, 260-272.	5.7	299
98	The vehicle routing problem: An overview of exact and approximate algorithms. European Journal of Operational Research, 1992, 59, 345-358.	5.7	1,275
99	A practical heuristic for a large scale vehicle routing problem. European Journal of Operational Research, 1992, 57, 32-38.	5.7	10
100	Locating concentrators in centralized computer networks. Annals of Operations Research, 1992, 36, 247-261.	4.1	30
101	Allocation of trips to trucks operating from a single terminal. Computers and Operations Research, 1992, 19, 445-451.	4.0	20
102	A linear relaxation heuristic for the generalized assignment problem. Naval Research Logistics, 1992, 39, 137-151.	2.2	75
103	Parallel iterative search methods for vehicle routing problems. Networks, 1993, 23, 661-673.	2.7	453
104	Solving large scale generalized assignment problems â€" An aggregation / disaggregation approach. European Journal of Operational Research, 1993, 64, 103-114.	5.7	12
105	Incorporating vehicle routing into the vehicle fleet composition problem. European Journal of Operational Research, 1993, 66, 313-330.	5.7	86
106	An algorithm for the bottleneck generalized assignment problem. Computers and Operations Research, 1993, 20, 355-362.	4.0	38
107	Metastrategy simulated annealing and tabu search algorithms for the vehicle routing problem. Annals of Operations Research, 1993, 41, 421-451.	4.1	777
108	Solving real-life vehicle routing problems efficiently using tabu search. Annals of Operations Research, 1993, 41, 469-488.	4.1	181

#	Article	IF	Citations
109	A REVISED SIMULATED ANNEALING AND CLUSTER-FIRST ROUTE-SECOND ALGORITHM APPLIED TO THE VEHICLE ROUTING PROBLEM. Engineering Optimization, 1993, 22, 77-107.	2.6	29
110	Simple Heuristics for the Vehicle Routeing Problem with Soft Time Windows. Journal of the Operational Research Society, 1993, 44, 279-287.	3.4	100
111	Cyclic Transfer Algorithm for Multivehicle Routing and Scheduling Problems. Operations Research, 1993, 41, 935-946.	1.9	237
112	A Routing Model for Pickups and Deliveries: No Capacity Restrictions on the Secondary Items. Transportation Science, 1993, 27, 315-329.	4.4	12
113	Vehicle Routing Problem and Simulated Annealing. SSRN Electronic Journal, 1993, , .	0.4	0
114	A Tabu Search Heuristic for the Vehicle Routing Problem. Management Science, 1994, 40, 1276-1290.	4.1	918
115	Optimal Solution of Vehicle Routing Problems Using Minimum K-Trees. Operations Research, 1994, 42, 626-642.	1.9	411
116	A Rigorous Computational Comparison of Alternative Solution Methods for the Generalized Assignment Problem. Management Science, 1994, 40, 868-890.	4.1	62
117	Vectorization of an auction algorithm for linear cost assignment problem. Computers and Industrial Engineering, 1994, 26, 141-149.	6.3	2
118	Topological design of ring networks. Computers and Operations Research, 1994, 21, 421-431.	4.0	22
119	Use of continuous approximations within discrete algorithms for routing vehicles: Experimental results and interpretation. Networks, 1994, 24, 43-56.	2.7	13
120	The spacefilling curve with optimal partitioning heuristic for the vehicle routing problem. European Journal of Operational Research, 1994, 76, 128-142.	5.7	26
121	A TSSP + 1 decomposition strategy for the vehicle routing problem. European Journal of Operational Research, 1994, 79, 524-536.	5.7	10
122	A set partitioning heuristic for the generalized assignment problem. European Journal of Operational Research, 1994, 72, 167-174.	5.7	76
123	A branch-and-cut algorithm for vehicle routing problems. Annals of Operations Research, 1994, 50, 37-59.	4.1	49
124	A robust heuristic for the Generalized Assignment Problem. Annals of Operations Research, 1994, 50, 487-503.	4.1	28
125	A generalized exchange heuristic for the capacitated vehicle routing problem. International Journal of Systems Science, 1994, 25, 1911-1920.	5.5	2
126	A Repeated Matching Heuristic for the Vehicle Routeing Problem. Journal of the Operational Research Society, 1994, 45, 1156.	3.4	3

#	Article	IF	Citations
127	A Repeated Matching Heuristic for the Vehicle Routeing Problem. Journal of the Operational Research Society, 1994, 45, 1156-1167.	3.4	45
128	A Practical Method of Vehicle Routing and Scheduling for Logistics Operations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 63-68.	0.4	2
129	An improved heuristic for the period vehicle routing problem. Networks, 1995, 26, 25-44.	2.7	116
130	Heuristics for the generalised assignment problem: simulated annealing and tabu search approaches. OR Spectrum, 1995, 17, 211-225.	3.4	153
131	A heuristic algorithm for the loading problem in flexible manufacturing systems. Flexible Services and Manufacturing Journal, 1995, 7, 229-254.	0.4	19
132	A result on projection for the vehicle routing problem. European Journal of Operational Research, 1995, 85, 610-624.	5.7	74
133	Improvement heuristics for the Vehicle Routing Problem based on simulated annealing. European Journal of Operational Research, 1995, 86, 480-490.	5.7	134
134	The split delivery vehicle scheduling problem with time windows and grid network distances. Computers and Operations Research, 1995, 22, 655-667.	4.0	93
135	A new exact algorithm for the vehicle routing problem based onq-paths andk-shortest paths relaxations. Annals of Operations Research, 1995, 61, 21-43.	4.1	60
136	A two-phase algorithm for the partial accessibility constrained vehicle routing problem. Annals of Operations Research, 1995, 61, 45-65.	4.1	59
137	A heuristic method for dispatching repair men. Annals of Operations Research, 1995, 61, 213-226.	4.1	21
138	Routing problems: A bibliography. Annals of Operations Research, 1995, 61, 227-262.	4.1	238
139	Hybrid Heuristics for the Vehicle Routing Problem with Time Windows. Transportation Science, 1995, 29, 156-166.	4.4	190
140	A Location Based Heuristic for General Routing Problems. Operations Research, 1995, 43, 649-660.	1.9	223
141	Time-cost Trade-off Relations in Bulk Transportation Problem. Journal of Information and Optimization Sciences, 1995, 16, 317-325.	0.3	1
142	Chapter 5 Arc routing methods and applications. Handbooks in Operations Research and Management Science, 1995, 8, 375-483.	0.6	63
143	Chapter 4 Analysis of vehicle routing and inventory-routing problems. Handbooks in Operations Research and Management Science, 1995, 8, 297-373.	0.6	51
144	Chapter 1 Vehicle routing. Handbooks in Operations Research and Management Science, 1995, , 1-33.	0.6	201

#	Article	IF	Citations
145	Chapter 2 Time constrained routing and scheduling. Handbooks in Operations Research and Management Science, 1995, 8, 35-139.	0.6	323
146	Interdependent Transportation and Production Activity at the United States Postal Service. Journal of the Operational Research Society, 1996, 47, 27.	3.4	0
147	A SPLIT DELIVERY VEHICLE ROUTING PROBLEM. Journal of the Operations Research Society of Japan, 1996, 39, 372-388.	0.2	0
148	Interdependent Transportation and Production Activity at the United States Postal Service. Journal of the Operational Research Society, 1996, 47, 27-37.	3.4	20
149	Simulated annealing metaheuristics for the vehicle routing problem with time windows. Annals of Operations Research, 1996, 63, 3-27.	4.1	253
150	Scheduling to maximize customer satisfaction: A project for the shad valley program. Computers and Industrial Engineering, 1996, 30, 693-706.	6.3	0
151	A parallel implementation of the TSSP + 1 decomposition for the capacity-constrained vehicle routing problem. Computers and Operations Research, 1996, 23, 723-732.	4.0	5
152	Relaxation heuristics for a generalized assignment problem. European Journal of Operational Research, 1996, 91, 600-610.	5.7	74
153	Vehicle routing problem with trailers. European Journal of Operational Research, 1996, 93, 135-147.	5.7	78
154	Practical aspects of route planning for magazine and newspaper wholesalers. European Journal of Operational Research, 1996, 90, 1-12.	5.7	13
155	A heuristic algorithm for the asymmetric capacitated vehicle routing problem. European Journal of Operational Research, 1996, 89, 108-126.	5.7	52
156	Analysis of partial setup strategies for solving the operational planning problem in parallel machine electronic assembly systems. International Journal of Production Research, 1996, 34, 999-1021.	7.5	21
157	A Network Flow-Based Tabu Search Heuristic for the Vehicle Routing Problem. Transportation Science, 1996, 30, 379-393.	4.4	129
158	An Improved Petal Heuristic for the Vehicle Routeing Problem. Journal of the Operational Research Society, 1996, 47, 329-336.	3.4	100
159	An Improved Petal Heuristic for the Vehicle Routeing Problem. Journal of the Operational Research Society, 1996, 47, 329.	3.4	5
160	A New Generation of Vehicle Routing Research: Robust Algorithms, Addressing Uncertainty. Operations Research, 1996, 44, 286-304.	1.9	237
161	A stochastic linear programming approach to hierarchical production planning. Journal of the Operational Research Society, 1997, 48, 207-211.	3.4	29
162	Scheduling Unrelated Parallel Machines for an Industrial Production-Distribution Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 249-254.	0.4	0

#	Article	IF	Citations
163	Vehicle Routing Methods for City Logistics Operations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 727-732.	0.4	10
164	A Reactive Tabu Search Metaheuristic for the Vehicle Routing Problem with Time Windows. INFORMS Journal on Computing, 1997, 9, 417-430.	1.7	152
165	Roteamento de veÃculos com base em sistemas de informaÃ§Ã£o geogrÃ¡fica. GestÃ£o & ProduÃ§Ã£o, 1997, 4, 159-174.	0.5	4
166	Scheduling the carriers of a hospital delivery service. Socio-Economic Planning Sciences, 1997, 31, 57-67.	5.0	2
167	Title is missing!. Annals of Operations Research, 1997, 72, 151-182.	4.1	5
168	A variation of the generalized assignment problem arising in the New Zealand dairy industry. Annals of Operations Research, 1997, 69, 105-114.	4.1	22
169	Vehicle routing with a sparse feasibility graph. European Journal of Operational Research, 1997, 98, 499-511.	5.7	33
170	Lagrangian heuristics for the two-echelon, single-source, capacitated facility location problem. European Journal of Operational Research, 1997, 102, 611-625.	5.7	91
171	Constraint Logic Programming and Integer Programming approaches and their collaboration in solving an assignment scheduling problem. Constraints, 1997, 1, 245-264.	0.7	34
172	Modeling rolling batch planning as vehicle routing problem with time windows. Computers and Operations Research, 1998, 25, 1127-1136.	4.0	45
173	Heuristic sensitivity analysis in a combinatoric environment: An exposition and case study. European Journal of Operational Research, 1998, 108, 604-617.	5.7	2
174	The performance of route modification and demand stabilization strategies in stochastic vehicle routing. Transportation Research Part B: Methodological, 1998, 32, 551-566.	5.9	14
175	The guided genetic algorithm and its application to the generalized assignment problem. , 0, , .		10
176	A Subpath Ejection Method for the Vehicle Routing Problem. Management Science, 1998, 44, 1447-1459.	4.1	90
177	Empirical comparison between twok-shortest path methods for the generalized assignment problem. Journal of Information and Optimization Sciences, 1998, 19, 151-171.	0.3	0
178	A branch and cut algorithm for the VRP with satellite facilities. IIE Transactions, 1998, 30, 821-834.	2.1	58
179	Fleet Management and Logistics. , 1998, , .		82
180	Exact Solution of the Vehicle Routing Problem. , 1998, , 1-31.		39

#	Article	IF	Citations
181	The Impact of Metaheuristics on Solving the Vehicle Routing Problem: Algorithms, Problem Sets, and Computational Results. , 1998, , 33-56.		194
182	Transportation-Oriented Optimization. Applied Optimization, 1998, , 125-224.	0.4	0
183	Parallel Lagrangean Approximation Procedure. Journal of the Operational Research Society, 1998, 49, 1164.	3.4	0
184	Parallel Lagrangean approximation procedure. Journal of the Operational Research Society, 1998, 49, 1164-1172.	3.4	0
185	Vehicle Routing and the Supply Chain. Profiles in Operations Research, 1999, , 147-196.	0.4	5
186	ç‰©æµ¿å¿ƒè»Šè¼‰é…ï€è·¯ç·šä¹‹æ±ºå®š. Journal of the Chinese Institute of Industrial Engineers, 1999, 16, 405-417.	0.3	4
187	A food distribution model for famine relief. Computers and Industrial Engineering, 1999, 37, 335-338.	6.3	44
188	Lagrangean/surrogate relaxation for generalized assignment problems. European Journal of Operational Research, 1999, 114, 165-177.	5.7	76
189	A route-neighborhood-based metaheuristic for vehicle routing problem with time windows. European Journal of Operational Research, 1999, 118, 485-504.	5.7	78
190	Extensions to the generalised assignment heuristic for vehicle routing. European Journal of Operational Research, 1999, 119, 147-157.	5.7	31
191	An adaptive tabu search algorithm for the capacitated clustering problem. International Transactions in Operational Research, 1999, 6, 665-678.	2.7	21
192	A heuristic algorithm for the symmetric and asymmetric vehicle routing problems with backhauls. European Journal of Operational Research, 1999, 113, 528-543.	5.7	109
193	Accelerating the convergence of subgradient optimisation. European Journal of Operational Research, 1999, 117, 136-144.	5.7	23
194	An adaptive tabu search algorithm for the capacitated clustering problem. International Transactions in Operational Research, 1999, 6, 665-678.	2.7	27
195	Towards a model and algorithm management system for vehicle routing and scheduling problems. Decision Support Systems, 1999, 25, 109-133.	5.9	25
196	Optimal Routing for Infectious Waste Collection. Journal of Environmental Engineering, ASCE, 1999, 125, 479-484.	1.4	20
197	Lagrangian Decomposition Based Heuristic For The Generalized Assignment Problem. Infor, 1999, 37, 392-402.	0.6	12
198	Quantifying the benefits of route reoptimisation under stochastic customer demands. Journal of the Operational Research Society, 2000, 51, 320-332.	3.4	12

#	Article	IF	Citations
199	æ‡‰ç”¨é¡žç¥žç¶“ç¶²è·¯ç‰©ä¸©æµ¿å¿ƒå€ï½žåŠè»Šè¼›æŽ’ç¨‹å•é¡Œä¹‹æŽ¢è¨Ž. Journal of the Chinese Institute of Industrial Engineers, 20	0.5	0
200	Optimization of printed circuit board manufacturing: Integrated modeling and algorithms. European Journal of Operational Research, 2000, 124, 409-421.	5.7	63
201	Vehicle routingâ€“scheduling for waste collection in Hanoi. European Journal of Operational Research, 2000, 125, 449-468.	5.7	124
202	A class of greedy algorithms for the generalized assignment problem. Discrete Applied Mathematics, 2000, 103, 209-235.	0.9	68
203	Classical and modern heuristics for the vehicle routing problem. International Transactions in Operational Research, 2000, 7, 285-300.	2.7	520
204	Heuristic Procedures for the Capacitated Vehicle Routing Problem. Computational Optimization and Applications, 2000, 16, 265-277.	1.6	18
205	Quantifying the Benefits of Route Reoptimisation under Stochastic Customer Demands. Journal of the Operational Research Society, 2000, 51, 320.	3.4	0
206	Heuristic Algorithms. , 2000, , 327-386.		9
207	Stochastic Vehicle Routing Problem with Restocking. Transportation Science, 2000, 34, 99-112.	4.4	187
208	æ™ºæ…§åž‹è²¨è»Šç‡Ÿé•ç®¡ç†ç³»ç µ±ä¹‹å»ºç«‹. Journal of the Chinese Institute of Industrial Engineers, 2000, 17, 413-423.	0.5	0
209	Oligopolistic Market Equilibrium. , 2001, , 1789-1792.		0
210	Branch, Cut, and Price: Sequential and Parallel. Lecture Notes in Computer Science, 2001, , 223-260.	1.3	26
211	Parallel simulated annealing for the delivery problem. , 0, , .		4
212	A FPTAS for Approximating the Unrelated Parallel Machines Scheduling Problem with Costs. Lecture Notes in Computer Science, 2001, , 194-205.	1.3	22
213	Deliveries in an Inventory/Routing Problem Using Stochastic Dynamic Programming. Transportation Science, 2001, 35, 192-213.	4.4	60
214	CASE STUDY : THE INVENTORY ROUTING FOR VENDING MACHINES. Journal of the Operations Research Society of Japan, 2001, 44, 378-389.	0.2	6
215	Control sequence generation in multistage fuzzy control systems for design process. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2001, 15, 81-88.	1.1	0
216	SOLVING THE CAPACITATED CLUSTERING PROBLEM WITH GENETIC ALGORITHMS. Journal of the Chinese Institute of Industrial Engineers, 2001, 18, 1-12.	0.5	17

#	Article	IF	Citations
217	Generating Experimental Data for the Generalized Assignment Problem. Operations Research, 2001, 49, 866-878.	1.9	13
218	A TABU SEARCH APPROACH FOR THE DETERMINISTIC AND STOCHASTIC VEHICLE FLEET MIX AND ROUTING PROBLEM. Journal of the Chinese Institute of Industrial Engineers, 2001, 18, 102-112.	0.5	1
219	Node-ejection chains for the vehicle routing problem: Sequential and parallel algorithms. Parallel Computing, 2001, 27, 201-222.	2.1	72
220	A dynamic tabu search for large-scale generalised assignment problems. Computers and Operations Research, 2001, 28, 1039-1048.	4.0	43
221	Ship scheduling with soft time windows: An optimisation based approach. European Journal of Operational Research, 2001, 131, 559-571.	5.7	158
222	Artificial intelligence heuristics in solving vehicle routing problems with time window constraints. Engineering Applications of Artificial Intelligence, 2001, 14, 825-837.	8.1	82
223	Heuristics for the multi-resource generalized assignment problem. Naval Research Logistics, 2001, 48, 468-483.	2.2	18
224	A Heuristic for the Vehicle Routing Problem with Time Windows. Journal of Heuristics, 2001, 7, 107-129.	1.4	46
225	New heuristics for the Fleet Size and Mix Vehicle Routing Problem with Time Windows. Journal of the Operational Research Society, 2002, 53, 1232-1238.	3.4	57
226	A guide to vehicle routing heuristics. Journal of the Operational Research Society, 2002, 53, 512-522.	3.4	446
227	Comparative Study between the Heuristic Algorithm and the Optimization Technique for Vehicle Routing and Scheduling in a Solid Waste Collection System. Civil Engineering and Environmental Systems, 2002, 19, 41-65.	0.9	14
228	A Backtracking Adaptive Threshold Accepting Algorithm for the Vehicle Routing Problem. Systems Analysis Modelling Simulation, 2002, 42, 631-664.	0.1	32
229	Practice Abstracts. Interfaces, 2002, 32, 41-44.	1.5	3
230	A reactive tabu search meta-heuristic for the vehicle routing problem with back-hauls. Journal of Scheduling, 2002, 5, 263-285.	1.9	100
231	Solving vehicle routing problems by maximum neuron model. Advanced Engineering Informatics, 2002, 16, 99-105.	8.0	6
232	A parametric analysis of heuristics for the vehicle routing problem with side-constraints. European Journal of Operational Research, 2002, 137, 348-370.	5.7	28
233	The periodic vehicle routing problem with intermediate facilities. European Journal of Operational Research, 2002, 137, 233-247.	5.7	175
234	A sweep-based algorithm for the fleet size and mix vehicle routing problem. European Journal of Operational Research, 2002, 140, 618-628.	5.7	120

#	Article	IF	Citations
235	A period vehicle routing case study. European Journal of Operational Research, 2002, 139, 220-229.	5.7	84
236	A tabu search method for the truck and trailer routing problem. Computers and Operations Research, 2002, 29, 33-51.	4.0	198
237	Heuristic solutions to multi-depot location-routing problems. Computers and Operations Research, 2002, 29, 1393-1415.	4.0	283
238	Scheduling Deliveries in Vehicles with Multiple Compartments. Journal of Global Optimization, 2003, 26, 43-78.	1.8	50
239	An Efficient Heuristic for Solving an Extended Capacitated Concentrator Location Problem. Telecommunication Systems, 2003, 23, 171-199.	2.5	5
240	On the capacitated vehicle routing problem. Mathematical Programming, 2003, 94, 343-359.	2.4	266
241	INTEGRATING PRODUCTION AND TRANSPORTATION SCHEDULING DECISIONS BETWEEN TWO GEOGRAPHICALLY SEPARATED PLANTS. Journal of Business Logistics, 2003, 24, 111-146.	10.6	18
242	Network optimization in supply chain management and financial engineering: An annotated bibliography. Networks, 2003, 42, 66-84.	2.7	79
243	A fuzzy-based customer classification method for demand-responsive logistical distribution operations. Fuzzy Sets and Systems, 2003, 139, 431-450.	2.7	59
244	A visual interactive approach to vehicle routing. Computers and Operations Research, 2003, 30, 321-337.	4.0	14
245	A genetic algorithm for the vehicle routing problem. Computers and Operations Research, 2003, 30, 787-800.	4.0	626
246	Location Models in Transportation. , 2003, , 321-370.		7
247	Dynamic Models of Transportation Operations. Handbooks in Operations Research and Management Science, 2003, , 677-756.	0.6	24
248	Vehicle capacity planning system: A case study on vehicle routing problem with time windows. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2003, 33, 169-178.	2.9	47
250	A GRASP HEURISTIC FOR SOLVING AN EXTENDED CAPACITATED CONCENTRATOR LOCATION PROBLEM. International Journal of Information Technology and Decision Making, 2003, 02, 597-617.	3.9	4
251	Dynamic vehicle routing problem using hybrid ant system. , 0, , .		11
252	Solving the Generalized Assignment Problem: An Optimizing and Heuristic Approach. INFORMS Journal on Computing, 2003, 15, 249-266.	1.7	120
253	A criteria-based approach for selecting touring paths using GIS & GA. , 0, , .		1

#	Article	IF	Citations
254	Street Routing and Scheduling Problems. , 2003, , 413-449.		7
255	A gateway location algorithm for hybrid satellite and terrestrial communication networks. Teletraffic Science and Engineering, 2003, , 721-730.	0.4	1
256	GIS and Network Analysis. , 2004, , 391-408.		18
257	Uma abordagem de geraÃ§Ã£o de colunas para o Problema Generalizado de AtribuiÃ§Ã£o. Revista ProduÃ§Ã£o Online, 2004, 4, .	0.2	0
258	Route generation for warehouse management using fast heuristics. , 0, , .		5
259	Effective algorithm and heuristic for the generalized assignment problem. European Journal of Operational Research, 2004, 153, 184-190.	5.7	37
260	A new regret insertion heuristic for solving large-scale dial-a-ride problems with time windows. Transportation Research Part B: Methodological, 2004, 38, 539-557.	5.9	174
261	An overview of heuristic solution methods. Journal of the Operational Research Society, 2004, 55, 936-956.	3.4	134
262	A synthesis of assignment and heuristic solutions for vehicle routing with time windows. Journal of the Operational Research Society, 2004, 55, 2-11.	3.4	7
263	The Generalized Assignment Problem and Extensions. , 2004, , 259-311.		8
264	The multiple depot, multiple traveling salesmen facility-location problem: Vehicle range, service frequency, and heuristic implementations. Mathematical and Computer Modelling, 2005, 41, 1035-1053.	2.0	40
265	An integrated distribution routing model in multi-supply center system. International Journal of Production Economics, 2005, 98, 136-142.	8.9	12
266	Facility location models for distribution system design. European Journal of Operational Research, 2005, 162, 4-29.	5.7	732
267	Dynamic vehicle routing for online B2C delivery. Omega, 2005, 33, 33-45.	5.9	47
268	An operator staffing and assignment model for foundry fabs. International Journal of Advanced Manufacturing Technology, 2005, 26, 1429-1435.	3.0	2
269	Advanced vehicle routing algorithms for complex operations management problems. Journal of Food Engineering, 2005, 70, 455-471.	5.2	26
270	Ant Colony System for a Dynamic Vehicle Routing Problem. Journal of Combinatorial Optimization, 2005, 10, 327-343.	1.3	333
271	Consideration of break in modeling of construction processes. Engineering, Construction and Architectural Management, 2005, 12, 373-390.	3.1	2

#	Article	IF	Citations
272	New Heuristics for the Vehicle Routing Problem. , 2005, , 279-297.		107
275	The DSS LOGDIS Optimizes Delivery Routes for FRILACâ€™s Frozen Products. Interfaces, 2005, 35, 202-214.	1.5	17
276	Hybrid Genetic Algorithm for the Generalised Assignment Problem. Journal of Decision Systems, 2005, 14, 83-107.	3.2	1
277	A vehicle routing problem with backhauls and time windows: a guided local search solution. Transportation Research, Part E: Logistics and Transportation Review, 2005, 41, 131-144.	7.4	71
278	Vehicle Routing Problem with Time Windows, Part I: Route Construction and Local Search Algorithms. Transportation Science, 2005, 39, 104-118.	4.4	887
279	Measuring Spatial Separation: Distance, Time, Routing, and Accessibility. , 2005, , 120-209.		0
280	Simultaneous Location-and-Routing Models. , 2005, , 210-333.		0
282	Tabu Search Heuristics for the Vehicle Routing Problem. , 2005, , 145-163.		42
283	Optimal implementation and benefits of rolling inventory. IIE Transactions, 2006, 38, 591-603.	2.1	1
284	GIS and Network Analysis. , 2006, , 43-60.		0
286	The Period Vehicle Routing Problem with Service Choice. Transportation Science, 2006, 40, 439-454.	4.4	129
287	Applying Simulated Annealing Approach for Capacitated Vehicle Routing Problems. , 2006, , .		8
288	The Missouri Lottery Optimizes Its Scheduling and Routing to Improve Efficiency and Balance. Interfaces, 2006, 36, 302-313.	1.5	21
289	Periodic product distribution from multi-depots under limited supplies. IIE Transactions, 2006, 38, 1009-1026.	2.1	32
290	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.	7.4	47
291	Problema de estoque e roteirizaÃ§Ã£o: revisÃ£o bibliogrÃ¡fica. Production, 2006, 16, 442-454.	1.3	2
292	Interactive Heuristic for Practical Vehicle Routing Problem with Solution Shape Constraints. Transportation Research Record, 2006, 1964, 9-18.	1.9	6
293	A tabu search heuristic for the truck and trailer routing problem. Computers and Operations Research, 2006, 33, 894-909.	4.0	133

#	Article	IF	Citations
294	A scatter search heuristic for the capacitated clustering problem. European Journal of Operational Research, 2006, 169, 533-547.	5.7	51
295	Analysis and improvement of delivery operations at the San Francisco Public Library. Journal of Operations Management, 2006, 24, 325-346.	5.2	20
296	Ant Colony Optimization for VRP and Mail Delivery Problems. , 2006, , .		14
297	Heuristics for the lexicographic max-ordering vehicle routing problem. Central European Journal of Operations Research, 2006, 14, 313-336.	1.8	8
298	Projection results for vehicle routing. Mathematical Programming, 2006, 105, 251-274.	2.4	95
299	A new ILP-based refinement heuristic for Vehicle Routing Problems. Mathematical Programming, 2006, 105, 471-499.	2.4	92
300	Road network monitoring: algorithms and a case study. Computers and Operations Research, 2006, 33, 3494-3507.	4.0	27
301	A Multiple Vehicles Routing Problem Algorithm with Stochastic Demand. , 2006, , .		3
302	Tabu search for a multi-objective routing problem. Journal of the Operational Research Society, 2006, 57, 29-37.	3.4	72
303	Two approaches to solving the multi-depot vehicle routing problem with time windows in a time-based logistics environment. Production Planning and Control, 2006, 17, 480-493.	8.8	16
304	Particle Swarm Optimization for Preemptive Scheduling under Break and Resource-Constraints. Journal of Construction Engineering and Management - ASCE, 2006, 132, 259-267.	3.8	21
305	Variants, solution approaches and applications for Vehicle Routing Problems in supply chain: agile framework and comprehensive review. International Journal of Agile Systems and Management, 2007, 2, 50.	0.3	10
306	CLASH: a heuristic to solve vehicle routing problems with delivery, pick-up and time windows. International Journal of Services and Operations Management, 2007, 3, 460.	0.2	15
307	The Vehicle Routing Problem: The Case of the Hong Kong Postal Service. Transportation Planning and Technology, 2007, 30, 167-182.	2.0	13
308	A DP-based Heuristic Algorithm for the Discrete Split Delivery Vehicle Routing Problem. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2007, 1, 217-226.	0.7	14
309	Reactive tabu adaptive memory programming search for the vehicle routing problem with backhauls. Journal of the Operational Research Society, 2007, 58, 1630-1641.	3.4	44
310	A Survey of the Generalized Assignment Problem and Its Applications. Infor, 2007, 45, 123-141.	0.6	85
311	Design of vehicle routing zones for large-scale distribution systems. Transportation Research Part B: Methodological, 2007, 41, 1079-1093.	5.9	51

#	Article	IF	Citations
312	Chapter 6 Vehicle Routing. Handbooks in Operations Research and Management Science, 2007, , 367-428.	0.6	211
313	A Two-Stage Solution Procedure for Food Delivery Decisions in Cities with Circular Transportation Networks. , 2007, , .		2
314	Territory Planning and Vehicle Dispatching with Driver Learning. Transportation Science, 2007, 41, 74-89.	4.4	86
315	A food distribution network problem: a case study. IMA Journal of Management Mathematics, 2007, 18, 33-53.	1.6	34
316	Heuristic Approaches for the Fleet Size and Mix Vehicle Routing Problem with Time Windows. Transportation Science, 2007, 41, 516-526.	4.4	61
317	What you should know about the vehicle routing problem. Naval Research Logistics, 2007, 54, 811-819.	2.2	226
318	A hybrid fuzzy-optimization approach to customer grouping-based logistics distribution operations. Applied Mathematical Modelling, 2007, 31, 1048-1066.	4.2	39
319	CLOVES: A cluster-and-search heuristic to solve the vehicle routing problem with delivery and pick-up. European Journal of Operational Research, 2007, 178, 699-717.	5.7	77
320	Planning and approximation models for delivery route based services with price-sensitive demands. European Journal of Operational Research, 2007, 183, 460-471.	5.7	16
321	Integrated GA-VRP solver for multi-depot system. Computers and Industrial Engineering, 2007, 53, 233-240.	6.3	32
322	Probabilistic analysis for a multiple depot vehicle routing problem. Random Structures and Algorithms, 2007, 30, 206-225.	1.1	7
323	Annotated bibliography in vehicle routing. Operational Research, 2007, 7, 27-46.	2.0	25
324	Lagrangian relaxation guided problem space search heuristics for generalized assignment problems. European Journal of Operational Research, 2007, 182, 1039-1056.	5.7	39
325	Integrating multi-product production and distribution in newspaper logistics. Computers and Operations Research, 2008, 35, 1576-1588.	4.0	88
326	An algorithm for the generalized quadratic assignment problem. Computational Optimization and Applications, 2008, 40, 351-372.	1.6	49
327	An assignment-based heuristic for vehicle routing with time windows. Operational Research, 2008, 8, 219-233.	2.0	0
328	Distance-constrained capacitated vehicle routing problems with flexible assignment of start and end depots. Mathematical and Computer Modelling, 2008, 47, 140-152.	2.0	61
329	Dynamic routing model and solution methods for fleet management with mobile technologies. International Journal of Production Economics, 2008, 113, 694-705.	8.9	61

#	Article	IF	Citations
330	From Single-Objective to Multi-Objective Vehicle Routing Problems: Motivations, Case Studies, and Methods. Operations Research/ Computer Science Interfaces Series, 2008, , 445-471.	0.3	12
331	Routing a Heterogeneous Fleet of Vehicles. Operations Research/ Computer Science Interfaces Series, 2008, , 3-27.	0.3	101
332	The Period Vehicle Routing Problem and its Extensions. Operations Research/ Computer Science Interfaces Series, 2008, , 73-102.	0.3	65
333	Experimenting crossover operators to solve the vehicle routing problem with time windows by Genetic Algorithms. International Journal of Operational Research, 2008, 3, 497.	0.2	14
334	A simple and effective heuristic for periodic vehicle routing problem. , 2008, , .		2
335	Modeling Time-Constraints in Construction Operations through Simulation. Journal of Construction Engineering and Management - ASCE, 2008, 134, 545-554.	3.8	7
336	Approach for optimized and dynamic medical emergency management. , 2008, , .		0
337	Optimization of Vehicle Routing Problem with Load Balancing and Time Windows in Distribution. , 2008, , .		3
338	Tactical store delivery planning. Journal of the Operational Research Society, 2008, 59, 1047-1054.	3.4	23
339	Mathematical model and genetic algorithm for distribution logistics problem with maximum route length. International Journal of Logistics Economics and Globalisation, 2008, 1, 307.	0.5	1
340	Application of Simulated Annealing to Routing Problems in City Logistics. , 2008, , .		9
341	Differential Evolution Algorithms for the Generalized Assignment problem. , 2009, , .		16
342	Supply chain planning for water distribution in Central Asia. Industrial Management and Data Systems, 2009, 109, 53-73.	3.7	6
343	A visual interactive approach to classical and mixed vehicle routing problems with backhaulsâ˜†. Omega, 2009, 37, 138-154.	5.9	36
344	An evolutionary-based decision support system for vehicle routing: The case of a public utility. Decision Support Systems, 2009, 46, 730-742.	5.9	55
345	A computer-enabled solution procedure for food wholesalersâ€™ distribution decision in cities with a circular transportation infrastructure. Computers and Operations Research, 2009, 36, 2201-2209.	4.0	10
346	Applying hybrid meta-heuristics for capacitated vehicle routing problem. Expert Systems With Applications, 2009, 36, 1505-1512.	7.6	105
347	Sequencing deliveries to minimize inventory holding cost with dominant upstream supply chain partner. Journal of Systems Science and Systems Engineering, 2009, 18, 159-183.	1.6	2

#	Article	IF	Citations
348	A simulation/metaheuristic approach to newspaper production and distribution supply chain problems. International Journal of Production Economics, 2009, 121, 752-767.	8.9	38
349	A deterministic tabu search algorithm for the fleet size and mix vehicle routing problem. European Journal of Operational Research, 2009, 195, 716-728.	5.7	108
350	Solving the truck and trailer routing problem based on a simulated annealing heuristic. Computers and Operations Research, 2009, 36, 1683-1692.	4.0	142
351	Planning school transport: design of routes with flexible school opening times. Transportation Planning and Technology, 2009, 32, 527-544.	2.0	5
352	A vehicle routing cost evaluation algorithm for the strategic analysis of radial distribution networks. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 50-60.	7.4	0
353	An effective genetic algorithm for the fleet size and mix vehicle routing problems. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 434-445.	7.4	105
354	Fifty Years of Vehicle Routing. Transportation Science, 2009, 43, 408-416.	4.4	717
355	A Spatio-temporal Distance Based Two-Phase Heuristic Algorithms for Vehicle Routing Problem. , 2009, , .		2
356	An Ant based simulation optimization for Vehicle Routing Problem with stochastic demands. , 2009, , .		9
357	Modeling and Performance Assessment of a Transit-Based Evacuation Plan within a Contraflow Simulation Environment. Transportation Research Record, 2009, 2091, 40-50.	1.9	36
358	The analysis and design of grain logistics information platform based on GIS. , 2010, , .		0
359	A heuristic to generate input sequence for simulated annealing to solve VRP. International Journal of Enterprise Network Management, 2010, 4, 26.	0.3	0
360	A hybrid particle swarm optimization algorithm for the vehicle routing problem. Engineering Applications of Artificial Intelligence, 2010, 23, 463-472.	8.1	157
361	Recent progress of local search in handling the time window constraints of the vehicle routing problem. 4or, 2010, 8, 221-238.	1.6	27
362	DVRP: a hard dynamic combinatorial optimisation problem tackled byÂanÂevolutionary hyper-heuristic. Journal of Heuristics, 2010, 16, 795-834.	1.4	67
363	An interactive GRAMPS algorithm for the heterogeneous fixed fleet vehicle routing problem with and without backhauls. European Journal of Operational Research, 2010, 201, 593-600.	5.7	33
364	The school bus routing problem: A review. European Journal of Operational Research, 2010, 202, 311-319.	5.7	260
365	Industrial aspects and literature survey: Fleet composition and routing. Computers and Operations Research, 2010, 37, 2041-2061.	4.0	263

#	Article	IF	Citations
366	A hybrid genetic â€“ Particle Swarm Optimization Algorithm for the vehicle routing problem. Expert Systems With Applications, 2010, 37, 1446-1455.	7.6	202
367	A heuristic approach for the truck and trailer routing problem. Journal of the Operational Research Society, 2010, 61, 1168-1180.	3.4	37
368	Multiobjective Optimization for Multimodal Evacuation. Transportation Research Record, 2010, 2196, 21-33.	1.9	36
369	A Milk Collection Problem with Incompatibility Constraints. Interfaces, 2010, 40, 130-143.	1.5	66
370	Survey: Matheuristics for Rich Vehicle Routing Problems. Lecture Notes in Computer Science, 2010, , 206-221.	1.3	42
371	Using an enhanced integer NSGA-II for solving the multiobjective Generalized Assignment Problem. , 2010, , .		11
373	A New Algorithm for Vehicle Routing Problems with Capacity Limited Based on Minimum Spanning Tree. , 2010, , .		1
374	Multi-resource assignment with sequential assignment method in mobile medical service. , 2010, , .		0
375	Hybrid Genetic Tabu Search Simulated Annealing Algorithm and its application in vehicle routing problem with time windows. , 2011, , .		1
378	Time Slot Management in Attended Home Delivery. Transportation Science, 2011, 45, 435-449.	4.4	167
379	Intelligent Computational Optimization in Engineering. Studies in Computational Intelligence, 2011, , .	0.9	18
381	Stochastic Approximation of an Online Multiagent Routing Problem for Autonomous Aircraft. , 2011, , .		5
382	Constructive Heuristics for the Multicompartment Vehicle Routing Problem with Stochastic Demands. Transportation Science, 2011, 45, 346-363.	4.4	42
383	Bumble Bees Mating Optimization Algorithm for the Vehicle Routing Problem. Adaptation, Learning, and Optimization, 2011, , 347-369.	0.6	15
384	Districting and Customer Clustering Within Supply Chain Planning: A Review of Modeling and Solution Approaches. , 2011, , .		0
385	A simulated annealing heuristic for the truck and trailer routing problem with time windows. Expert Systems With Applications, 2011, 38, 15244-15252.	7.6	107
386	Vehicle Routing Problem with Time Windows Based on Spatiotemporal Distance. Journal of Transportation System Engineering and Information Technology, 2011, 11, 85-89.	0.6	18
387	Green logistics at Eroski: A case study. International Journal of Production Economics, 2011, 131, 44-51.	8.9	269

#	Article	IF	Citations
388	Heuristics based on mathematical programming. Surveys in Operations Research and Management Science, 2011, 16, 21-38.	3.1	55
389	Routes Planning Problem with Heterogeneous Suppliers Demand. , 2011, , .		8
390	A review of evolutionary algorithms for multi objective multi product multi modal distribution problem with a possible new approach. International Journal of Logistics Economics and Globalisation, 2011, 3, 1.	0.5	2
391	An Agent-Based Guided Local Search for the Capacited Vehicle Routing Problem. Lecture Notes in Computer Science, 2011, , 476-485.	1.3	4
392	Heuristics to Solve a Real-World Asymmetric Vehicle Routing Problem with Side Constraints. , 2012, , .		0
393	A geographical partitioning-based pigeon assignment in a pigeon network. , 2012, , .		0
394	Large-Scale Evacuation Using Subway and Bus Transit: Approach and Application in City of Toronto. Journal of Transportation Engineering, 2012, 138, 1215-1232.	0.9	34
395	METAHEURISTIC APPROACH FOR THE MULTI-DEPOT VEHICLE ROUTING PROBLEM. Applied Artificial Intelligence, 2012, 26, 878-901.	3.2	25
396	Self-organizing maps in population based metaheuristic to the dynamic vehicle routing problem. Journal of Combinatorial Optimization, 2012, 24, 437-458.	1.3	28
397	Optimizing vehicle routes in a bakery company allowing flexibility in delivery dates. Journal of the Operational Research Society, 2012, 63, 569-581.	3.4	15
398	Self-adapting task allocation approach for software outsourcing services. , 2012, , .		1
399	Using hybrid quantum algorithm to solve VRPTW. , 2012, , .		0
400	The multi-resource agent bottleneck generalised assignment problem. International Journal of Production Research, 2012, 50, 309-324.	7.5	21
401	Heuristic Scheme for Heterogeneous Vehicle Routing Problem on Trees Based on Generalized Assignment and Bin-Packing Upper Bounds. Transportation Research Record, 2012, 2283, 1-11.	1.9	2
403	A spatiotemporal partitioning approach for large-scale vehicle routing problems with time windows. Transportation Research, Part E: Logistics and Transportation Review, 2012, 48, 248-257.	7.4	44
404	Agent-based guided local search. Expert Systems With Applications, 2012, 39, 12032-12045.	7.6	13
405	Large-scale pickup and delivery work area design. Computers and Operations Research, 2012, 39, 3102-3118.	4.0	25
406	Optimal fleet composition and periodic routing of offshore supply vessels. European Journal of Operational Research, 2012, 223, 508-517.	5.7	74

#	Article	IF	Citations
407	A Shuffled Frog Leaping Algorithm for Solving Vehicle Routing Problem. Applied Mechanics and Materials, 2012, 197, 529-533.	0.2	2
408	On the impact of real-time information on field service scheduling. Decision Support Systems, 2012, 53, 282-293.	5.9	21
409	The closeâ€"open mixed vehicle routing problem. European Journal of Operational Research, 2012, 220, 349-360.	5.7	50
410	Modified savings heuristics and genetic algorithm for bi-objective vehicle routing problem with forced backhauls. Expert Systems With Applications, 2012, 39, 2296-2305.	7.6	44
411	An effective local search approach for the Vehicle Routing Problem with Backhauls. Expert Systems With Applications, 2012, 39, 3174-3184.	7.6	37
412	Multiple Phase Neighborhood Search-GRASP for the Capacitated Vehicle Routing Problem. Expert Systems With Applications, 2012, 39, 6807-6815.	7.6	46
413	Recent progress of local search in handling the time window constraints of the vehicle routing problem. Annals of Operations Research, 2013, 204, 171-187.	4.1	12
414	Modeling cost-delivery trade-offs for distribution logistics by a generalized PVRP model. Journal of Business Economics, 2013, 83, 705-726.	1.9	2
415	MIRHA: multi-start biased randomization of heuristics with adaptive local search for solving non-smooth routing problems. Top, 2013, 21, 109-132.	1.6	57
416	Gossip algorithms for heterogeneous multi-vehicle routing problems. Nonlinear Analysis: Hybrid Systems, 2013, 10, 156-174.	3.5	39
418	Optimizing routes and stock. Journal of Heuristics, 2013, 19, 157-177.	1.4	11
419	Distance based NSGA-II for earliness and tardiness minimization in Parallel Machine Scheduling. , 2013, , .		3
420	Bi-Objective Bus Routing: An Application to School Buses in Rural Areas. Transportation Science, 2013, 47, 397-411.	4.4	56
421	Competitive strategies for an online generalized assignment problem with a service consecution constraint. European Journal of Operational Research, 2013, 229, 59-66.	5.7	5
422	A constraint programming approach to designing a newspaper distribution system. International Journal of Production Economics, 2013, 145, 132-138.	8.9	12
423	Heuristics for multi-attribute vehicle routing problems: A survey and synthesis. European Journal of Operational Research, 2013, 231, 1-21.	5.7	333
424	Truck and trailer routingâ€"Problems, heuristics and computational experience. Computers and Operations Research, 2013, 40, 536-546.	4.0	96
425	A two-pheromone trail ant colony systemâ€"tabu search approach for the heterogeneous vehicle routing problem with time windows and multiple products. Journal of Heuristics, 2013, 19, 233-252.	1.4	30

#	Article	IF	Citations
426	New Tabu Search Algorithm with Applied Technology for Capacitated Vehicle Routing Problem. Advanced Materials Research, 2013, 859, 395-398.	0.3	0
427	Inventory Routing Problem. Transportation Research Record, 2013, 2378, 32-42.	1.9	11
428	Redesigning Midday Meal Logistics for the Akshaya Patra Foundation: OR at Work in Feeding Hungry School Children. Interfaces, 2013, 43, 530-546.	1.5	8
429	A Bilevel Particle Swarm Optimization Algorithm for Supply Chain Management Problems. Studies in Computational Intelligence, 2013, , 69-93.	0.9	4
430	A Game Theoretic Power Allocation and Relay Load Balancing in OFDMA-Based DF Cellular Relay Networks. , 2013, , .		2
432	Decision Support System for Real Time Vehicle Routing in Indian Dairy Industry: A Case Study. International Journal of Information Systems and Supply Chain Management, 2013, 6, 77-101.	0.9	10
433	Models and Solutions for Truck and Trailer Routing Problems. International Journal of Applied Metaheuristic Computing, 2013, 4, 31-43.	0.7	3
434	Application of Cold Chain Logistics Safety Reliability in Fresh Food Distribution Optimization. Advance Journal of Food Science and Technology, 2013, 5, 356-360.	0.1	10
435	An algorithm for the routing problem with split deliveries and time windows (SDVRPTW) applied on retail SME distribution activities. DYNA (Colombia), 2014, 81, 223-231.	0.4	5
436	Minimizing the Carbon Footprint for the Time-Dependent Heterogeneous-Fleet Vehicle Routing Problem with Alternative Paths. Sustainability, 2014, 6, 4658-4684.	3.2	34
437	An improved optimization method based on the intelligent water drops algorithm for the vehicle routing problem. , 2014, , .		9
438	Solving the heterogeneous fixed fleet open vehicle routing problem by a combined metaheuristic algorithm. International Journal of Production Research, 2014, 52, 2565-2575.	7.5	33
439	STRONG EQUILIBRIA IN THE VEHICLE ROUTING GAME. International Game Theory Review, 2014, 16, 1450013.	0.5	2
440	A Two-Stage Resolution Search-Based Heuristic for the Team Orienteering Problem. , 2014, , .		0
441	A discrete artificial bee colony algorithm for the assignment and parallel machine scheduling problem in DYO paint company. , 2014, , .		4
443	Bicriteria multiresource generalized assignment problem. Naval Research Logistics, 2014, 61, 621-636.	2.2	9
444	A survey on matheuristics for routing problems. EURO Journal on Computational Optimization, 2014, 2, 223-246.	2.4	169
445	Solving capacitated vehicle routing problem using intelligent water drops algorithm. , 2014, , .		2

#	Article	IF	Citations
446	Multi-vehicle sequential resource allocation for a nonprofit distribution system. IIE Transactions, 2014, 46, 1279-1297.	2.1	41
447	Solving the dynamic Vehicle Routing Problem using genetic algorithms. , 2014, , .		15
448	Algorithms for the min-max regret generalized assignment problem with interval data. , 2014, , .		3
449	Forty years of periodic vehicle routing. Networks, 2014, 63, 2-15.	2.7	118
450	An Integrated Load-Planning Algorithm for Outbound Logistics at Webb Wheel. Interfaces, 2014, 44, 480-497.	1.5	6
451	Speeding Up Logic-Based Bendersâ€™ Decomposition by a Metaheuristic for a Bi-Level Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2014, , 183-197.	1.3	7
452	An Improved Golden Ball Algorithm for the Capacitated Vehicle Routing Problem. Communications in Computer and Information Science, 2014, , 341-356.	0.5	7
453	Survey of Green Vehicle Routing Problem: Past and future trends. Expert Systems With Applications, 2014, 41, 1118-1138.	7.6	680
454	A survey of recent research on location-routing problems. European Journal of Operational Research, 2014, 238, 1-17.	5.7	501
455	Order-first split-second methods for vehicle routing problems: A review. Transportation Research Part C: Emerging Technologies, 2014, 40, 179-200.	7.6	126
456	An iterated local search algorithm for the vehicle routing problem with backhauls. European Journal of Operational Research, 2014, 237, 454-464.	5.7	61
457	Thirty Years of Inventory Routing. Transportation Science, 2014, 48, 1-19.	4.4	411
459	The Logic of Logistics. Springer Series in Operations Research, 2014, , .	1.4	93
460	The green capacitated vehicle routing problem: Optimizing of emissions of greenhouse gas. , 2014, , .		13
462	Enhancing variable neighborhood search by adding memory: Application to a real logistic problem. Knowledge-Based Systems, 2014, 62, 28-37.	7.1	7
463	Inventory routing for dynamic waste collection. Waste Management, 2014, 34, 1564-1576.	7.4	61
464	Solving vehicle routing problems with asymmetric costs and heterogeneous fleets. International Journal of Advanced Operations Management, 2014, 6, 58.	0.3	15
465	Model and a Solution Algorithm for the Dynamic Resource Allocation Problem for Large-scale Transportation Network Evacuation. Transportation Research Procedia, 2015, 7, 441-458.	1.5	10

#	Article	IF	Citations
466	An Interactive Freight-Pooling Service for Efficient Last-Mile Delivery. , 2015, , .		9
467	Solving the Capacitated Vehicle Routing Problem Based on Improved Ant-clustering Algorithm. MATEC Web of Conferences, 2015, 22, 03022.	0.2	0
468	Metaheuristic Approaches for Solving Truck and Trailer Routing Problems with Stochastic Demands: A Case Study in Dairy Industry. Mathematical Problems in Engineering, 2015, 2015, 1-14.	1.1	3
469	A substituiÃ§Ã£o de bens de capital: um modelo de otimizaÃ§Ã£o sob a Ã³ptica da Engenharia de ProduÃ§Ã£o. GestÃ£o & ProduÃ§Ã£o, 2015, 22, 525-538.	0.5	4
470	An ant colony system for responsive dynamic vehicle routing. European Journal of Operational Research, 2015, 245, 704-718.	5.7	75
471	An integrated approach for collection network design, capacity planning and vehicle routing in reverse logistics. Journal of the Operational Research Society, 2015, 66, 76-85.	3.4	16
472	Modified clarke wright algorithms for solving the realistic vehicle routing problem. , 2015, , .		1
473	Minimizing customersâ€™ waiting time in a vehicle routing problem with unit demands. Journal of Computer and Systems Sciences International, 2015, 54, 866-881.	0.6	13
474	A Hybrid Large Neighborhood Search for Dynamic Vehicle Routing Problem with Time Deadline. Lecture Notes in Computer Science, 2015, , 307-318.	1.3	3
475	Algorithm for Distance Constrained Aerial Vehicle Routing Problem: Based on Minimum Spanning Tree and Genetic Computation. , 2015, , .		1
476	Identifying preferred solutions for multi-objective optimization: application to capacitated vehicle routing problem. Cluster Computing, 2015, 18, 1435-1448.	5.0	5
477	Decomposition based hybrid metaheuristics. European Journal of Operational Research, 2015, 244, 66-76.	5.7	43
478	Memetic Heuristic Approach for Solving Truck and Trailer Routing Problems with Stochastic Demands and Time Windows. Networks and Spatial Economics, 2015, 15, 1093-1115.	1.6	20
479	A cloud theory-based particle swarm optimization for multiple decision maker vehicle routing problems with fuzzy random time windows. Engineering Optimization, 2015, 47, 825-842.	2.6	23
480	Fuzzy multi-objective programming algorithm for vehicle routing problems with backhauls. Expert Systems With Applications, 2015, 42, 5632-5644.	7.6	22
481	Mono-objective and multi-objective models for the pickup and delivery problem with time windows. , 2015, , .		1
482	Model and a solution algorithm for the dynamic resource allocation problem for large-scale transportation network evacuation. Transportation Research Part C: Emerging Technologies, 2015, 59, 233-247.	7.6	17
483	A 3-step math heuristic for the static repositioning problem in bike-sharing systems. Transportation Research Part B: Methodological, 2015, 71, 230-247.	5.9	206

#	Article	IF	Citations
484	Mathematical formulations for a 1-full-truckload pickup-and-delivery problem. European Journal of Operational Research, 2015, 242, 1008-1016.	5.7	16
485	Fleet-sizing for multi-depot and periodic vehicle routing problems using a modular heuristic algorithm. Computers and Operations Research, 2015, 53, 9-23.	4.0	47
486	A case study on collection network design, capacity planning and vehicle routing in reverse logistics. International Journal of Sustainable Engineering, 2015, 8, 66-76.	3.5	7
487	The paired many-to-many pickup and delivery problem: an application. Top, 2015, 23, 220-243.	1.6	10
488	Solving a transport problem with dynamic customers and traffic factors. Contemporary Engineering Sciences, 2016, 9, 1599-1606.	0.2	0
489	Supply Chain Optimization: A Survey . Innovation and Supply Chain Management, 2016, 10, 9-18.	0.1	4
490	Cooperative Parallel Metaheuristics based Penguin Optimization Search for Solving the Vehicle Routing Problem. International Journal of Applied Metaheuristic Computing, 2016, 7, 1-18.	0.7	4
491	A coalitional gameâ€based relay load balancing and power allocation scheme in decodeâ€andâ€forward cellular relay networks. Wireless Communications and Mobile Computing, 2016, 16, 1124-1134.	1.2	0
492	Three-Dimensional Vehicle Routing Problem for Urban Last Mile Logistics: Problem Formulation and Computational Analysis. , 2016, , .		3
493	Metaheuristics for Vehicle Routing Problems. , 2016, , 407-437.		4
494	Model-based delivery cost approximation in attended home services. Computers and Industrial Engineering, 2016, 98, 78-90.	6.3	12
495	Inverse vehicle routing for activity-based urban freight forecast modeling and city logistics. Transportmetrica A: Transport Science, 2016, 12, 650-673.	2.0	39
497	Evaluation of Vehicle Routing Problem Algorithms for Transport Logistics Using Dedicated GIS System. , 2016, , .		2
498	A memetic approach to vehicle routing problem with dynamic requests. Applied Soft Computing Journal, 2016, 48, 522-534.	7.2	49
499	Delivery pattern and transportation planning in grocery retailing. European Journal of Operational Research, 2016, 252, 54-68.	5.7	51
500	Choice-Based Demand Management and Vehicle Routing in E-Fulfillment. Transportation Science, 2016, 50, 473-488.	4.4	96
501	Differential evolution algorithms for scheduling raw milk transportation. Computers and Electronics in Agriculture, 2016, 121, 245-259.	7.7	69
502	Enhanced intelligent water drops and cuckoo search algorithms for solving the capacitated vehicle routing problem. Information Sciences, 2016, 334-335, 354-378.	6.9	89

#	Article	IF	Citations
503	Improved differential evolution algorithms for solving generalized assignment problem. Expert Systems With Applications, 2016, 45, 450-459.	7.6	51
504	Multi-neighborhood local search optimization for machine reassignment problem. Computers and Operations Research, 2016, 68, 16-29.	4.0	11
505	Variable neighborhood search for the stochastic and dynamic vehicle routing problem. Annals of Operations Research, 2016, 236, 425-461.	4.1	55
506	A vehicle routing problem of both refrigerated- and general-type vehicles for perishable food products delivery. Journal of Food Engineering, 2016, 169, 61-71.	5.2	110
507	Thirty years of heterogeneous vehicle routing. European Journal of Operational Research, 2016, 249, 1-21.	5.7	184
508	Optimization in offshore supply vessel planning. Optimization and Engineering, 2017, 18, 317-341.	2.4	19
509	A variable neighborhood search algorithm for the capacitated vehicle routing problem. Electronic Notes in Discrete Mathematics, 2017, 58, 231-238.	0.4	39
510	The impact of particular components of the PSO-based algorithm solving the Dynamic Vehicle Routing Problem. Applied Soft Computing Journal, 2017, 58, 586-604.	7.2	70
511	Fullâ€load route planning for balancing bike sharing systems by logicâ€based benders decomposition. Networks, 2017, 69, 270-289.	2.7	25
512	Multiple neighborhood search, tabu search and ejection chains for the multi-depot open vehicle routing problem. Computers and Industrial Engineering, 2017, 107, 211-222.	6.3	60
513	Customized bus service design for jointly optimizing passenger-to-vehicle assignment and vehicle routing. Transportation Research Part C: Emerging Technologies, 2017, 85, 451-475.	7.6	141
514	Continuous approximation models in freight distribution management. Top, 2017, 25, 413-433.	1.6	37
515	Solving the location-routing problems Using Clustering Method. , 2017, , .		4
516	A bi-level school bus routing problem with bus stops selection and possibility of demand outsourcing. Applied Soft Computing Journal, 2017, 61, 222-238.	7.2	46
517	Solving dynamic vehicle routing problem via evolutionary search with learning capability. , 2017, , .		16
518	Mathematical programming heuristics for the production routing problem. International Journal of Production Economics, 2017, 193, 40-49.	8.9	32
519	An application of extended cuckoo search to vehicle routing problem. , 2017, , .		7
520	Modelling and solution of a large-scale vehicle routing problem at GE appliances & lighting. International Journal of Production Research, 2017, 55, 1100-1116.	7.5	11

#	Article	IF	Citations
522	Symbiotic organisms search and two solution representations for solving the capacitated vehicle routing problem. Applied Soft Computing Journal, 2017, 52, 657-672.	7.2	87
523	Fleet Size and Mix Vehicle Routing: A Multi-Criterion Grouping Genetic Algorithm Approach. Studies in Computational Intelligence, 2017, , 141-159.	0.9	0
525	An Island Memetic Algorithm for Real World Vehicle Routing Problems. Springer Proceedings in Business and Economics, 2017, , 205-223.	0.3	2
526	Inventory rebalancing and vehicle routing in bike sharing systems. European Journal of Operational Research, 2017, 257, 992-1004.	5.7	375
527	An Efficient Density-Based Clustering Algorithm for the Capacitated Vehicle Routing Problem. , 2017, , .		5
528	A variant fisher and Jaikuamr algorithm to solve capacitated vehicle routing problem. , 2017, , .		4
529	A hybrid genetic algorithm for vehicle routing problems with dynamic requests. , 2017, , .		7
530	ABCGA Algorithm for the Two Echelon Vehicle Routing Problem. , 2017, , .		2
531	Freight Transportation and Logistics. , 2017, , 569-634.		0
532	Clustering-Based Crossover in an Evolutionary Algorithm for the Vehicle Routing Problem with Time Windows. , 2017, , .		1
533	Energy-Efficient Deadline-Aware Data-Gathering Scheme Using Multiple Mobile Data Collectors. Sensors, 2017, 17, 742.	3.8	18
534	Solving the assignment of customers to trucks and visiting days in a periodic routing real-world case. Ingenieria Y Universidad, 2017, 22, 53-76.	0.5	1
535	A modified genetic algorithm for a special case of the generalized assignment problem. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 794-805.	1.4	5
536	OPTIMIZATION MODEL FOR VEHICLE ROUTING AND EQUIPMENT REPLACEMENT IN FARM MACHINERY. Engenharia Agricola, 2017, 37, 987-993.	0.7	2
537	Network Design Model to Integrate Shelter Assignment with Contraflow Operations in Emergency Evacuation Planning. Networks and Spatial Economics, 2018, 18, 1027-1050.	1.6	6
538	Optimal Wind Farm Cabling. IEEE Transactions on Sustainable Energy, 2018, 9, 1126-1136.	8.8	35
539	A self-adaptive bat algorithm for the truck and trailer routing problem. Engineering Computations, 2018, 35, 108-135.	1.4	12
540	A survey of recent advances in vehicle routing problems. International Journal of Systems Assurance Engineering and Management, 2018, 9, 155-172.	2.4	34

#	Article	IF	Citations
541	A matheuristic for the asymmetric capacitated vehicle routing problem. Discrete Applied Mathematics, 2018, 234, 139-150.	0.9	23
542	A Dynamic Logistic Dispatching System With Set-Based Particle Swarm Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1607-1621.	9.3	62
543	Modeling uncertain passenger arrivals in the elevator dispatching problem with destination control. Optimization Letters, 2018, 12, 171-185.	1.6	10
544	A choice function hyper-heuristic framework for the allocation of maintenance tasks in Danish railways. Computers and Operations Research, 2018, 93, 15-26.	4.0	18
545	Research on the vehicle routing problem with interval demands. Applied Mathematical Modelling, 2018, 54, 332-346.	4.2	9
546	Optimized traffic emergency resource scheduling using time varying rescue route travel time. Neurocomputing, 2018, 275, 1567-1575.	5.9	23
547	The Shared Customer Collaboration Vehicle Routing Problem. European Journal of Operational Research, 2018, 265, 1078-1093.	5.7	66
548	A framework to evaluate policy options for supporting electric vehicles in urban freight transport. Transportation Research, Part D: Transport and Environment, 2018, 58, 22-38.	6.8	51
549	A model-based approximation of opportunity cost for dynamic pricing in attended home delivery. OR Spectrum, 2018, 40, 969-996.	3.4	41
550	Optimising integrated inventory policy for perishable items in a multi-stage supply chain. International Journal of Production Research, 2018, 56, 902-925.	7.5	58
551	Vehicle routing with backhauls: Review and research perspectives. Computers and Operations Research, 2018, 91, 79-91.	4.0	77
552	Differential Evolution Algorithm for Multilevel Assignment Problem: A Case Study in Chicken Transportation. Mathematical and Computational Applications, 2018, 23, 55.	1.3	3
553	Solving Location Based Inventory Routing Problem in E-Commerce Using Ant Colony Optimization. Lecture Notes in Computer Science, 2018, , 557-566.	1.3	1
554	An Enhanced Approach for the Multiple Vehicle Routing Problem with Heterogeneous Vehicles and a Soft Time Window. Symmetry, 2018, 10, 650.	2.2	17
555	An Improved Golden Ball Algorithm for the Vehicle Routing Problem with Simultaneous Pickup and Delivery. , 2018, , .		3
556	Using CVRP model in designing decision support system for optimizing distribution route and amounts of utilized vehicles. , 2018, , .		0
557	A Decision Support System Based on a Hybrid Genetic Local Search Heuristic for Solving the Dynamic Vehicle Routing Problem: Tunisian Case. Communications in Computer and Information Science, 2018, , 354-365.	0.5	2
558	Network Design. , 2018, , 273-340.		0

#	Article	IF	Citations
560	Bilayer Local Search Enhanced Particle Swarm Optimization for the Capacitated Vehicle Routing Problem. Algorithms, 2018, 11, 31.	2.1	11
561	Exact and heuristic algorithms for the interval min-max regret generalized assignment problem. Computers and Industrial Engineering, 2018, 125, 98-110.	6.3	14
562	Matheuristics. , 2018, , 121-153.		19
563	An Application of Analytic Hierarchy Process in Vehicle Routing Problem. Periodica Polytechnica Transportation Engineering, 2019, 47, 196-205.	1.2	13
564	Vehicle Routing with Space- and Time-Correlated Stochastic Travel Times: Evaluating the Objective Function. INFORMS Journal on Computing, 2019, 31, 654-670.	1.7	13
565	Adaptive Large Neighborhood Search to Solve Multi-Level Scheduling and Assignment Problems in Broiler Farms. Journal of Open Innovation: Technology, Market, and Complexity, 2019, 5, 37.	5.2	5
566	ADMM-based problem decomposition scheme for vehicle routing problem with time windows. Transportation Research Part B: Methodological, 2019, 129, 156-174.	5.9	68
567	A Methodology of Timing Co-Evolutionary Path Optimization for Accident Emergency Rescue Considering Future Environmental Uncertainty. IEEE Access, 2019, 7, 131459-131472.	4.2	10
568	Real-time algorithms for the bilevel double-deck elevator dispatching problem. EURO Journal on Computational Optimization, 2019, 7, 79-122.	2.4	4
569	Using Group Role Assignment to Solve Dynamic Vehicle Routing Problem. , 2019, , .		2
570	Vehicle Routing Problem of an Innovative B2C and O2O Joint Distribution Service. Procedia CIRP, 2019, 83, 680-683.	1.9	7
571	Improving the Schedulability of Real-Time Tasks Using Fog Computing. IEEE Transactions on Services Computing, 2022, 15, 372-385.	4.6	38
572	A metaheuristic solution approach to capacitied vehicle routing and network optimization. Engineering Science and Technology, an International Journal, 2019, 22, 727-735.	3.2	7
573	Fast Scheduling of Autonomous Mobile Robots Under Task Space Constraints With Priorities. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	1.6	10
574	A Survey on the Electric Vehicle Routing Problem: Variants and Solution Approaches. Journal of Advanced Transportation, 2019, 2019, 1-48.	1.7	125
575	Adaptive Large Neighborhood Search for a Production Planning Problem Arising in Pig Farming. Journal of Open Innovation: Technology, Market, and Complexity, 2019, 5, 26.	5.2	8
576	An Improved Firefly Algorithm for Capacitated Vehicle Routing Optimization. , 2019, , .		4
577	Methodology to Solve a Special Case of the Vehicle Routing Problem: A Case Study in the Raw Milk Transportation System. AgriEngineering, 2019, 1, 75-93.	3.2	15

#	Article	IF	Citations
578	Solving a Special Case of the Generalized Assignment Problem Using the Modified Differential Evolution Algorithms: A Case Study in Sugarcane Harvesting. Journal of Open Innovation: Technology, Market, and Complexity, 2019, 5, 5.	5.2	5
579	Methodology to Solve the Combination of the Generalized Assignment Problem and the Vehicle Routing Problem: A Case Study in Drug and Medical Instrument Sales and Service. Administrative Sciences, 2019, 9, 3.	2.9	6
580	A matheuristic approach to the integration of worker assignment and vehicle routing problems: Application to home healthcare scheduling. Expert Systems With Applications, 2019, 125, 317-332.	7.6	58
581	An Ant Colony and Simulated Annealing Algorithm with Excess Load VRP in a FMCG Company. IOP Conference Series: Materials Science and Engineering, 2019, 577, 012191.	0.6	4
582	Hierarchical Vehicle Routing for Online Delivery Platform. , 2019, , .		0
584	Designing a New Shuttle Service to Meet Large-Scale Instantaneous Peak Demands for Passenger Transportation in a Metropolitan Context: A Green, Low-Cost Mass Transport Option. Sustainability, 2019, 11, 5025.	3.2	5
585	A Hybrid Solution Method for the Capacitated Vehicle Routing Problem Using a Quantum Annealer. Frontiers in ICT, 2019, 6, .	3.6	85
587	Heuristic search to the capacitated clustering problem. European Journal of Operational Research, 2019, 273, 464-487.	5.7	22
588	Heuristics for vehicle routing problems: Sequence or set optimization?. Computers and Operations Research, 2019, 105, 118-131.	4.0	20
589	New Shades of the Vehicle Routing Problem: Emerging Problem Formulations and Computational Intelligence Solution Methods. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 230-244.	4.9	37
590	Revisiting the Hamiltonian p-median problem: A new formulation on directed graphs and a branch-and-cut algorithm. European Journal of Operational Research, 2019, 276, 40-64.	5.7	8
591	Development of metaheuristics to solve a transportation inventory location routing problem considering lost sale for perishable goods. Journal of Modelling in Management, 2019, 14, 175-198.	1.9	19
592	Metaheuristic Hybrids. Profiles in Operations Research, 2019, , 385-417.	0.4	8
593	Handbook of Metaheuristics. Profiles in Operations Research, 2019, , .	0.4	93
594	Differentiated Time Slot Pricing Under Routing Considerations in Attended Home Delivery. Transportation Science, 2019, 53, 236-255.	4.4	66
595	Capacitated vehicle routing problem with pick-up and alternative delivery (CVRPPAD): model and implementation using hybrid approach. Annals of Operations Research, 2019, 273, 257-277.	4.1	78
596	A Multi-Compartment Vehicle Routing Problem with Loading and Unloading Costs. Transportation Science, 2019, 53, 282-300.	4.4	42
597	A review of revenue management: Recent generalizations and advances in industry applications. European Journal of Operational Research, 2020, 284, 397-412.	5.7	74

#	Article	IF	Citations
598	Tailoring Transportation Planning Decisions to Diverse Urban Environments. Decision Sciences, 2020, 51, 920-961.	4.5	5
599	A bi-objective solution approach to a real-world waste collection problem. Journal of the Operational Research Society, 2020, 71, 183-194.	3.4	12
601	A multi-cover routing problem for planning rapid needs assessment under different information-sharing settings. OR Spectrum, 2020, 42, 1-42.	3.4	9
602	Collector System Topology for Large-Scale Offshore Wind Farms Considering Cross-Substation Incorporation. IEEE Transactions on Sustainable Energy, 2020, 11, 1601-1611.	8.8	14
603	Block-matrix-based approach for the vehicle routing problem with transportation type selection under an uncertain environment. Engineering Optimization, 2020, 52, 987-1008.	2.6	2
604	Adapting operations to new information technology: A failed â€œinternet of thingsâ€•application. Omega, 2020, 92, 102152.	5.9	11
605	Why Empirical Research Is Good for Operations Management, and What Is Good Empirical Operations Management?. Manufacturing and Service Operations Management, 2020, 22, 170-178.	3.7	28
606	Review of the models for rail freight car fleet management. , 2020, , 7-57.		0
607	Recent Trends in Mechanical Engineering. Lecture Notes in Mechanical Engineering, 2020, , .	0.4	4
608	The multi-period vehicle routing problem with refueling decisions: Traveling further to decrease fuel cost?. Transportation Research, Part E: Logistics and Transportation Review, 2020, 133, 101817.	7.4	11
609	Optimizing supply chain network for perishable products using improved bacteria foraging algorithm. Applied Soft Computing Journal, 2020, 86, 105921.	7.2	24
610	Iterated greedy with variable neighborhood search for a multiobjective waste collection problem. Expert Systems With Applications, 2020, 145, 113101.	7.6	29
611	On a road to optimal fleet routing algorithms: a gentle introduction to the state-of-the-art. , 2020, , 37-92.		1
612	The vehicle routing problem with backhauls towards a sustainability perspective: a review. Top, 2020, 28, 358-401.	1.6	15
613	Optimize Grouping and Path of Pylon Inspection in Power System. IEEE Access, 2020, 8, 108885-108895.	4.2	2
614	Peeking into the void: Digital twins for construction site logistics. Computers in Industry, 2020, 121, 103264.	9.9	94
616	Heuristics and Meta-Heuristics Based Multiple Depot Vehicle Routing Problem: A Review. , 2020, , .		2
617	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows. Computers and Industrial Engineering, 2020, 148, 106641.	6.3	26

#	Article	IF	Citations
618	A unified model framework for the multi-attribute consistent periodic vehicle routing problem. PLoS ONE, 2020, 15, e0237014.	2.5	2
619	Exact and hyperâ€heuristic solutions for the distributionâ€installation problem from the VeRoLog 2019 challenge. Networks, 2020, 76, 294-319.	2.7	6
620	A Hybrid BSO-ACS Algorithm for Vehicle Routing Problem with Time Windows on Road Networks. , 2020, , .		2
621	On the exact solution of vehicle routing problems with backhauls. European Journal of Operational Research, 2020, 287, 76-89.	5.7	10
622	A novel two-phase approach for solving the multi-compartment vehicle routing problem with a heterogeneous fleet of vehicles: a case study on fuel delivery. Decision Science Letters, 2020, , 77-90.	1.2	6
623	The Modified Particle Swarm Optimization for a Special Case of the Assignment Problem: A Case Study in Chicken Transportation. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	2
624	Demand coverage diversity based ant colony optimization for dynamic vehicle routing problems. Engineering Applications of Artificial Intelligence, 2020, 91, 103582.	8.1	45
625	Solving the area coverage problem with UAVs: A vehicle routing with time windows variation. Robotics and Autonomous Systems, 2020, 126, 103435.	5.1	20
626	Coordinated Production and Delivery Operations With Parallel Machines and Multiple Vehicles. IEEE Access, 2020, 8, 32947-32956.	4.2	1
627	Revenue management in last-mile delivery: state-of-the-art and future research directions. Transportation Research Procedia, 2020, 46, 109-116.	1.5	20
629	A column generation-based decomposition and aggregation approach for combining orders in inland transportation of containers. OR Spectrum, 2020, 42, 261-296.	3.4	5
630	A Hybrid Swarm Intelligence Algorithm for Vehicle Routing Problem With Time Windows. IEEE Access, 2020, 8, 93882-93893.	4.2	25
631	On the road to better routes: Five decades of published research on the vehicle routing problem. Networks, 2021, 77, 66-87.	2.7	9
632	Optimization of capacitated vehicle routing problem with alternative delivery, pick-up and time windows: A modified hybrid approach. Neurocomputing, 2021, 423, 670-678.	5.9	49
633	Vehicle assignment in site-dependent vehicle routing problems with split deliveries. Operational Research, 2021, 21, 399-423.	2.0	6
634	The traveling salesman puts-on a hard hat â€“ Tower crane scheduling in construction projects. European Journal of Operational Research, 2021, 292, 327-338.	5.7	7
635	Advances in Core Computer Science-Based Technologies. Learning and Analytics in Intelligent Systems, 2021, , .	0.6	4
636	A simulated annealing approach to solve a multi traveling salesman problem in a FMCG company. Materials Today: Proceedings, 2021, 46, 4971-4974.	1.8	2

#	Article	IF	Citations
637	â€œMake no little plansâ€• Impactful research to solve the next generation of transportation problems. Networks, 2021, 77, 269-286.	2.7	20
638	A Study of Multi-Constraints Emergency Transportation Problem in Disaster Response. Asia-Pacific Journal of Operational Research, 2021, 38, 2050050.	1.3	4
639	Improved bi-criteria approximation schemes for load balancing on unrelated machines with cost constraints. Theoretical Computer Science, 2021, 858, 35-48.	0.9	5
640	A Network Flow Algorithm for Solving Generalized Assignment Problem. Mathematical Problems in Engineering, 2021, 2021, 1-8.	1.1	2
641	QoS based deliver model of the packages transportation by the passenger train and solution algorithm. Evolutionary Intelligence, 2024, 17, 107-122.	3.6	0
642	Benchmarking Tabu Search and Simulated Annealing for the Capacitated Vehicle Routing Problem. , 2021, , .		0
643	A Pairwise Proximity Learning-Based Ant Colony Algorithm for Dynamic Vehicle Routing Problems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5275-5286.	8.0	23
644	Clustering heuristic for time-dependent periodic routing problems with complex constraints. Decision Making in Manufacturing and Services, 2021, 14, .	0.2	0
645	Optimal fast charging station locations for electric ridesharing with vehicle-charging station assignment. Transportation Research, Part D: Transport and Environment, 2021, 90, 102682.	6.8	44
646	A Hybrid Large Neighborhood Search Algorithm for Solving the Multi Depot UAV Swarm Routing Problem. IEEE Access, 2021, 9, 104115-104126.	4.2	10
647	A Bi-Objective Green Vehicle Routing Problem: A New Hybrid Optimization Algorithm Applied to a Newspaper Distribution. Journal of Geographic Information System, 2021, 13, 410-433.	0.5	4
648	Policy adaptation for vehicle routing. AI Communications, 2021, 34, 21-35.	1.2	4
649	Multi-Layer Data Model of a Complex Transportation Network. International Journal of Embedded and Real-Time Communication Systems, 2021, 12, 21-36.	0.5	0
650	Case Articleâ€"Route Planning at an Animal Husbandry Department. INFORMS Transactions on Education, 2022, 23, 35-40.	0.5	0
651	Loading is the Key: A Novel Genetic Quantum Algorithm for SDVRP. , 2021, , .		2
652	Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints. Operational Research, 0, , 1.	2.0	0
653	Operations Research for Supply chain management â€" An Overview of Issue and Contributions. Journal of Physics: Conference Series, 2021, 1964, 022010.	0.4	1
654	Optimizing routing and delivery patterns with multi-compartment vehicles. European Journal of Operational Research, 2021, 293, 495-510.	5.7	18

#	Article	IF	Citations
655	Transfer-based customized modular bus system design with passenger-route assignment optimization. Transportation Research, Part E: Logistics and Transportation Review, 2021, 153, 102422.	7.4	40
656	A Two-Layer Hybrid Optimization Approach for Large-Scale Offshore Wind Farm Collector System Planning. IEEE Transactions on Industrial Informatics, 2021, 17, 7433-7444.	11.3	20
657	Visual attractiveness in vehicle routing via bi-objective optimization. Computers and Operations Research, 2022, 137, 105507.	4.0	3
658	The Generalized Assignment Problem. EURO Advanced Tutorials on Operational Research, 2021, , 3-33.	0.6	5
659	Recent Advances in Integrating Demand Management and Vehicle Routing: Conceptual Framework, Methodological Review, and Research Opportunities. SSRN Electronic Journal, 0, , .	0.4	1
662	Integer Programming: Branch and Bound Methods. , 2001, , 1049-1059.		2
663	Modeling and Optimization of Vehicle Routing and Arc Routing Problems. , 2006, , 151-191.		9
665	Generalized Assignment Problem. , 2008, , 1153-1162.		17
666	Metaheuristic Algorithms for the Vehicle Routing Problem. , 2008, , 2055-2061.		2
667	Operations Research Models for Supply Chain Management and Design. , 2008, , 2704-2715.		1
668	Applications of Set Covering, Set Packing and Set Partitioning Models: A Survey. , 1998, , 573-746.		33
670	A Grasp Interactive Approach to the Vehicle Routing Problem with Backhauls. Operations Research/ Computer Science Interfaces Series, 2002, , 185-199.	0.3	20
671	Location Models in Transportation. Profiles in Operations Research, 1999, , 311-360.	0.4	20
672	Street Routing and Scheduling Problems. Profiles in Operations Research, 1999, , 395-432.	0.4	8
673	Global and Local Moves in Tabu Search: A Real-Life Mail Collecting Application. , 1999, , 155-174.		4
674	A New Algorithm for the Site-Dependent Vehicle Routing Problem. Operations Research/ Computer Science Interfaces Series, 1998, , 301-312.	0.3	8
675	A Hybrid Brain Storm Optimization Algorithm for Dynamic Vehicle Routing Problem. Lecture Notes in Computer Science, 2020, , 251-258.	1.3	3
676	Survey of Methodologies for TSP and VRP. , 2014, , 11-42.		13

#	Article	IF	Citations
677	Matheuristics. , 2016, , 1-33.		11
679	â€œMultiple Neighbourhoodâ€•Search in Commercial VRP Packages: Evolving Towards Self-Adaptive Methods. Studies in Computational Intelligence, 2008, , 239-253.	0.9	17
681	Combinatorial Optimisation Problems of the Assignment Type and a Partitioning Approach. Lecture Notes in Economics and Mathematical Systems, 2002, , 215-245.	0.3	1
682	Minmax Vehicle Routing Problems: Application to School Transport in the Province of Burgos. Lecture Notes in Economics and Mathematical Systems, 2001, , 297-317.	0.3	15
683	A Heuristic Algorithm for the Vehicle Routing Problem with Backhauls. Transportation Analysis, 1996, , 585-608.	0.1	29
684	Evaluation of Heuristic Control Strategies for AGVs under Varying Demand Arrival Patterns. Progress in Materials Handling and Logistics, 1989, , 25-39.	0.1	3
685	A Review on Advanced Optimization Algorithms in Multidisciplinary Applications. Lecture Notes in Mechanical Engineering, 2020, , 745-755.	0.4	6
686	Comparison of Metaheuristics for the Allocation of Resources for an After-School Program in Remote Areas ofÂIndia. Communications in Computer and Information Science, 2020, , 225-233.	0.5	4
687	Les problÃ¨mes de tournÃ©es avec contraintes de fenÃªtres de temps, l'Ã©tat de l'art. RAIRO - Operations Research, 1990, 24, 217-244.	1.8	6
688	An improved GPU-accelerated heuristic technique applied to the capacitated vehicle routing problem. , 2020, , .		12
689	A Sweep Coverage Scheme Based on Vehicle Routing Problem. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2013, 11, .	0.1	10
693	Planejamento da logÃstica de suprimento de plataformas Offshore por meio de um modelo matemÃ¡tico 2L-CVRP com frota heterogÃªnea e equilÃbrio nÃ¡utico. Transportes, 2015, 23, 67.	0.2	3
694	GestÃ£o operacional da coleta seletiva de resÃduos sÃ³lidos urbanos: abordagem utilizando um sistema de apoio Ã decisÃ£o. GestÃ£o & ProduÃ§Ã£o, 2006, 13, 449-461.	0.5	9
695	AraÃ§ Rotalama Probleminin Genetik Algoritma ile Ã‡Ã¶zÃ¼mÃ¼. Anadolu Ãœniversitesi Sosyal Bilimler Dergisi, 2020, 20, 227-254.	0.5	5
696	A Fast Scheduler for Multiagent in a Warehouse. International Journal of Automation Technology, 2009, 3, 165-173.	1.0	2
697	An improved Clarke and Wright savings algorithm for the capacitated vehicle routing problem. ScienceAsia, 2012, 38, 307.	0.5	51
698	Multi-layer Data Model for Transportation Logistics Solutions. , 2020, , .		3
699	A Generalized Island Model Based on Parallel and Cooperating Metaheuristics for Effective Large Capacitated Vehicle Routing Problem Solving. Journal of Computing and Information Technology, 2015, 23, 141.	0.3	5

#	Article	IF	Citations
700	An efficient meta-heuristic algorithm for solving capacitated vehicle routing problem. International Journal of Advances in Intelligent Informatics, 2018, 4, 212.	1.2	8
701	The Optimization of Logistics Distribution Route Based on Dijkstra's Algorithm and C-W Savings Algorithm. , 2016, , .		4
702	Interactive Heuristic for Practical Vehicle Routing Problem with Solution Shape Constraints. Transportation Research Record, 2006, 1964, 9-18.	1.9	12
703	Strategies for an Integrated Distribution Problem. , 0, , 98-121.		2
704	Research on Model Fitting Capacity of Vehicle Routing Problem. International Journal of Advancements in Computing Technology, 2011, 3, 185-193.	0.1	5
705	Research of Fresh Agricultural Products Logistics Vehicle Optimization. International Journal of Intelligent Information Processing, 2011, 2, 45-59.	0.1	6
706	A Survey on the Vehicle Routing Problem and Its Variants. Intelligent Information Management, 2012, 04, 66-74.	0.5	188
707	A Tabu Search Approach to the Strategic Airlift Problem. , 2007, 12, 59-79.		3
708	The life and times of the Savings Method for Vehicle Routing Problems. ORiON, 2011, 25, .	0.3	17
709	A metaheuristic to support the distribution of COVID-19 vaccines. Production, 0, 31, .	1.3	5
710	Applying Genetic Algorithm on Selecting Emergent Medical Station before Disasters. , 2000, , .		0
711	Planung logistischer Systeme. , 2002, , 95-184.		0
713	Implementation and Design of the Framework for Consolidated Transportation Model. Journal of the Korea Academia-Industrial Cooperation Society, 2008, 9, 980-985.	0.1	0
714	Optimization Strategies for Restricted Candidate Lists in Field Service Scheduling. Studies in Computational Intelligence, 2011, , 55-83.	0.9	0
715	Efficient Scheduling for Salesperson Monitoring System. Journal of Korean Institute of Industrial Engineers, 2011, 37, 382-389.	0.1	0
716	Algorithm of "vehicle routing scheduling problem" for business managers in the third millennium. African Journal of Business Management, 2012, 6, .	0.5	0
717	Dual-Depot Heterogeneous Vehicle Routing Problem Considering Reverse Logistics. Korean Management Science Review, 2012, 29, 89-99.	0.2	5
719	A Soft Computing-Based Idea Applied to the Truck and Trailer Routing Problem. Advances in Computational Intelligence and Robotics Book Series, 2014, , 245-259.	0.4	0

#	Article	IF	Citations
720	Mathematical Models in Logistic System Design. Lecture Notes in Economics and Mathematical Systems, 1988, , 210-257.	0.3	0
721	Delivery Problems in Metropolitan Areas Optimizing the Distribution of a Daily Newspaper: An Application to the Turin Daily â€œLa Stampaâ€• Lecture Notes in Economics and Mathematical Systems, 1988, , 334-351.	0.3	0
723	KapazitÃtsabgleich flexibler Fertigungssysteme. Operations Research Proceedings: Papers of the Annual Meeting = VortrÃge Der Jahrestagung / DGOR, 1990, , 205-212.	0.1	0
724	Expert Systems for Vehicle Scheduling. , 1992, , 215-225.		1
725	Scheduling of automated guided vehicles for material handling: dynamic shop floor feedback. , 1994, , 108-141.		0
726	Warehouse Optimization: Packing-algorithms for goods with complex geometries. Operations Research Proceedings: Papers of the Annual Meeting = VortrÃge Der Jahrestagung / DGOR, 1996, , 125-131.	0.1	0
728	Multistage Production and Distribution Planning Problems. , 2014, , 109-150.		0
729	The Generalized Assignment Problem. , 2014, , 53-70.		0
730	Optimization Of A Vehicle Routing Problem In A Logistics Company In Turkey. Alphanumeric Journal, 2015, 2, .	0.7	1
731	A Review on the Evolution of Vehicle Routing Problems. SAMRIDDHI A Journal of Physical Sciences Engineering and Technology, 2015, 1, .	0.1	0
732	Strong Coalitional Structure in an Open Vehicle Routing Game. Static and Dynamic Game Theory: Foundations and Applications, 2016, , 271-284.	0.6	0
734	Hybrid Solution Methodology: Heuristic-Metaheuristic-Implicit Enumeration 1-0 for the Capacitated Vehicle Routing Problem (Cvrp). International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	0
735	Constructive and Clustering Methods to Solve Capacitated Vehicle Routing Problem. Oriental Journal of Computer Science and Technology, 2017, 10, 549-562.	0.3	4
736	O problema de coleta e entrega com janelas de tempo na indÃºstria petrolÃfera: modelos e mÃ©todos branch-and-cut. GestÃ£o & ProduÃ§Ã£o, 2017, 24, 501-513.	0.5	2
737	Intelligence heuristics to solve a Balanced Routing Problem in Supply Chain. International Journal of Computer Applications, 2017, 176, 13-25.	0.2	0
738	A Two-Phase Method to Periodic Vehicle Routing Problem with Variable Service Frequency. Lecture Notes in Computer Science, 2018, , 525-538.	1.3	0
739	Transport- und Tourenplanung. , 2018, , 71-98.		0
741	Distance based Sweep Nearest Algorithm to Solve Capacitated Vehicle Routing Problem. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	3

#	Article	IF	Citations
742	Ð˜Ð¡Ð›Ð•Ð”ÐžÐ’ÐÐÐ˜Ð• ÐÐ•ÐšÐžÐ¢ÐžÐÐ«Ð¥ ÐšÐ›ÐÐ¡Ð¡Ð•Ð¡ÐšÐ¥ ÐÐ›Ð“ÐžÐÐ˜Ð¢ÐœÐžÐ’ Ð—ÐÐ”ÐÐ§Ð˜ ÐœÐÐÐ˜ÐÐ£Ð¢Ð		
743	Optimizing Generalized Capacitated Vehicle Routing Problem Using Augmented Savings Algorithm. Advances in Intelligent Systems and Computing, 2020, , 527-541.	0.6	1
744	A Decentralized Coordination Algorithm for a Highly Dynamic Vehicle Routing Problem. Journal of Society of Korea Industrial and Systems Engineering, 2019, 42, 116-125.	0.2	0
745	A Study on the Optimization of Distribution Routes for Fresh Food under Epidemic Situation. , 2020, , .		1
746	Computational Intelligence and Combinatorial Optimization Problems in Transportation Science. Learning and Analytics in Intelligent Systems, 2021, , 325-367.	0.6	1
747	Bi-Level Optimization Using Improved Bacteria Foraging Optimization Algorithm. Advances in Intelligent Systems and Computing, 2021, , 263-275.	0.6	0
748	Route-based approximate dynamic programming for dynamic pricing in attended home delivery. European Journal of Operational Research, 2020, 287, 633-652.	5.7	26
749	An improved two-phased heuristic algorithm for the capacitated vehicle routing problem and a case study. Ceylon Journal of Science, 2020, 49, 477.	0.3	2
750	A Novel adaptive genetic algorithm for Dynamic Vehicle Routing Problem with Backhaul and Two-dimensional loading constraints, A Case in Tunisian Posta. International Journal of Applied Metaheuristic Computing, 2022, 13, 0-0.	0.7	0
751	Generalized Assignment for Multi-Robot Systems via Distributed Branch-And-Price. IEEE Transactions on Robotics, 2022, 38, 1990-2001.	10.3	3
752	Searching for a Solution Method for the Smart Waste Collection Routing Problem. Springer Proceedings in Mathematics and Statistics, 2021, , 1-14.	0.2	1
753	Strategies for an Integrated Distribution Problem. , 0, , 482-505.		0
754	Compilation of References. , 0, , 0-0.		0
755	Many-to-Many Assignment Problems. , 0, , 220-247.		1
756	Tourenplanung fÃ¼r den MenÃ¼bringdienst des Deutschen Roten Kreuzes Magdeburg â€" Eine Fallstudie. , 2008, , 289-309.		0
757	Planung logistischer Systeme. , 2008, , 95-180.		0
759	A Vehicle Routing and Scheduling Model for a Distribution Center. , 0, , 334-366.		1
760	Integer Programming: Branch and Bound Methods. , 2008, , 1634-1643.		2

#	Article	IF	Citations
761	Shipment Planning: A Case Study for an Apparel Company. Lecture Notes in Mechanical Engineering, 2022, , 772-786.	0.4	0
762	Multi-Robot Routing Problem with Minâ€"Max Objective. Robotics, 2021, 10, 122.	3.5	6
763	A multi-objective open vehicle routing problem with overbooking: Exact and heuristic solution approaches for an employee transportation problem. Omega, 2022, 108, 102587.	5.9	13
764	Online Parallel optimization Approach to Courier Routing Problems*. , 2020, , .		0
765	Enhanced Group Teaching Optimization Algorithm for Solving the Capacitated Vehicle Routing Problem. , 2020, , .		2
766	A Study of Lagrangian Relaxation and Dantzig-Wolfe Decompositions for the Generalized Assignment Problem. , 2021, , .		0
767	A Granular Local Search Matheuristic for a Heterogeneous Fleet Vehicle Routing Problem with Stochastic Travel Times. Networks and Spatial Economics, 0, , 1.	1.6	0
768	A hybrid multi-objective evolutionary algorithm for open vehicle routing problem through cluster primary-route secondary approach. International Journal of Management Science and Engineering Management, 2022, 17, 132-146.	3.1	13
769	The Shrinking and Expanding Heuristic for the Fleet Size and Mix Vehicle Routing Problem. Communications - Scientific Letters of the University of Zilina, 2013, 15, 6-13.	0.6	2
771	Distance approximation to support customer selection in vehicle routing problems. Annals of Operations Research, 0, , 1.	4.1	6
772	Analytics and machine learning in vehicle routing research. International Journal of Production Research, 2023, 61, 4-30.	7.5	33
773	Logistics Engineering Handbook. , 2007, , .		9
774	An Iterated Dual Substitution Approach for Binary Integer Programming Problems Under the Min-Max Regret Criterion. INFORMS Journal on Computing, 2022, 34, 2523-2539.	1.7	2
775	Operations Research Models for Supply Chain Management and Design. , 2001, , 1803-1815.		0
783	Meta-heuristic Approach to Solve Mixed Vehicle Routing Problem with Backhauls in Enterprise Information System of Service Industry. , 0, , 210-225.		0
785	Recent advances in integrating demand management and vehicle routing: A methodological review. European Journal of Operational Research, 2023, 306, 499-518.	5.7	12
786	Rapid fulfillment of online orders in omnichannel grocery retailing. EURO Journal on Transportation and Logistics, 2022, 11, 100082.	2.2	7
787	Freight Transportation and Logistics. , 2017, , 597-662.		1

#	Article	IF	Citations
788	A bi-objective latency based vehicle routing problem using hybrid GRASP-NSGAII algorithm. International Journal of Management Science and Engineering Management, 2023, 18, 190-207.	3.1	1
789	Deterministic annealing with Potts neurons for multi-robot routing. Intelligent Service Robotics, 2022, 15, 321-334.	2.6	2
792	A Literature Review of Multi-Attribute Vehicle Routing. SSRN Electronic Journal, 0, , .	0.4	0
793	Distribution Path Optimization by an Improved Genetic Algorithm Combined with a Divide-and-Conquer Strategy. Technologies, 2022, 10, 81.	5.1	1
794	Advances on Particle Swarm Optimization in Solving Discrete Optimization Problems. Studies in Computational Intelligence, 2023, , 59-88.	0.9	0
795	20 Years of Particle Swarm Optimization Strategies for the Vehicle Routing Problem: A Bibliometric Analysis. Mathematics, 2022, 10, 3669.	2.2	4
796	Metaheuristics applied to vehicle routing. A case study. Part 1: formulating the problem. Ingenieria E Investigacion, 2006, 26, 149-156.	0.4	1
797	Neural Order-First Split-Second Algorithm forÂtheÂCapacitated Vehicle Routing Problem. Communications in Computer and Information Science, 2022, , 168-185.	0.5	0
798	Solution Of Capacitated Vehicle Routing Problem For A Food Delivery Company With Heuristic Methods. International Review of Economics and Management, 2023, 11, 1-16.	0.4	0
799	Systematic Review of the Latest Scientific Publications on the Vehicle Routing Problem. Asia-Pacific Journal of Operational Research, 2023, 40, .	1.3	1
800	Case Analysis II: Clean India Mission: Building Nation through Sustainable Waste Management Practices. Vision, 2023, 27, 144-145.	2.4	0
801	A multi-start route improving matheuristic for the production routeing problem. International Journal of Production Research, 2023, 61, 7608-7629.	7.5	3
802	Scaling Vehicle Routing Problem Solvers with QUBO-based Specialized Hardware. , 2022, , .		1
803	A Method for Planning the Supply of Petroleum Products to Filling Stations Based on Multi-agent Resource Conversion Processes. Lecture Notes in Electrical Engineering, 2023, , 176-185.	0.4	0
804	Evaluating operating models and urbanism for transportation operations of circular reuse platforms. Computers and Industrial Engineering, 2023, 177, 109067.	6.3	2
805	A Swarm Intelligence and Nearest Neighborhood Approach to Solve an Excess Capacity Vehicle Routing Problem in a FDCG Company. Lecture Notes in Mechanical Engineering, 2023, , 635-643.	0.4	0
806	The multi-vehicle truck-and-robot routing problem for last-mile delivery. European Journal of Operational Research, 2023, 310, 680-697.	5.7	4
807	Shared Last Mile Delivery. , 2023, , 210-227.		1

#	Article	IF	Citations
808	Solving the capacitated vehicle routing problem with timing windows using rollouts and MAX-SAT. , 2022, , .		1
809	An optimization model for solving the route clustering problem. Procedia Computer Science, 2023, 220, 180-186.	2.0	0
810	Matheuristics: survey and synthesis. International Transactions in Operational Research, 2023, 30, 2840-2866.	2.7	2
811	A Proposal for the Distribution of Medicines and Medical Equipment in Mexico. Lecture Notes in Logistics, 2023, , 235-256.	0.8	0
812	Capacitated vehicle routing problem: A solution using convex hull based sweep algorithm and genetic algorithm. AIP Conference Proceedings, 2023, , .	0.4	0
813	A Bibliometric Visualized Analysis and Classification of Vehicle Routing Problem Research. Sustainability, 2023, 15, 7394.	3.2	3
814	Transport- und Tourenplanung. , 2023, , 1-22.		0
815	Genetic Algorithm forÂaÂNon-standard Complex Problem ofÂPartitioning andÂVehicle Routing. Lecture Notes in Networks and Systems, 2023, , 400-412.	0.7	0
816	Volkswagen Group Logistics Applies Operations Research to Optimize Supplier Development. INFORMS Journal on Applied Analytics, 0, , .	1.1	0
817	Optimization models as applied to equipment replacement problems: review and trends. GestÃ£o & ProduÃ§Ã£o, 0, 30, .	0.5	0
818	Elastic Strategy-Based Adaptive Genetic Algorithm for Solving Dynamic Vehicle Routing Problem With Time Windows. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 13930-13947.	8.0	0
819	A mathematical model and metaheuristic approach to solve the real-time feeder vehicle routing problem. Computers and Industrial Engineering, 2023, 185, 109684.	6.3	0
820	Kapasiteli araÃ§ rotalama problemi iÃ§in makine Ã¶ÄŸrenmesi ve matematiksel programlama temelli hibrid bir Ã§Ã¶zÃ¼m Ã¶nerisi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2023, 39, 741-756.	0.8	1
821	Optimisation of livestock routing on farms. Computers and Industrial Engineering, 2024, 188, 109882.	6.3	0
822	A Supply Chain Study of Managing Multiple Routes Thru Ant Colony Optimization. Lecture Notes in Mechanical Engineering, 2024, , 607-615.	0.4	0
823	Clustering Vehicle Routing Problems on Specialized Hardware. , 2023, , .		0
824	A mixed-integer linear programming model for scheduling volunteers in technical support teams in Non-Governmental Organizations. , 2024, 2, 19-36.		0
825	A comparative study of alternative formulations for the periodic vehicle routing problem. Computers and Operations Research, 2024, 165, 106583.	4.0	0

#	Article	IF	Citations
826	Systemwide Planning with a Branch-and-Price Algorithm for Pavement-Marking Assessment Data Collection via the Mobile Retroreflectivity Unit Routing Model. Journal of Computing in Civil Engineering, 2024, 38, .	4.7	0
827	Vehicle routing with stochastic demand, service and waiting times â€" The case of food bank collection problems. European Journal of Operational Research, 2024, 317, 111-127.	5.7	0
828	Handling dynamic capacitated vehicle routing problems based on adaptive genetic algorithm with elastic strategy. Swarm and Evolutionary Computation, 2024, 86, 101529.	8.1	0