Complexity of vehicle routing and scheduling problems

Citation Report

#	Article	IF	Citations
1	Combinatorial optimization and vehicle fleet planning: Perspectives and prospects. Networks, 1981, 11, 179-213.	1.6	125
2	Complexity Results for Scheduling Tasks in Fixed Intervals on Two Types of Machines. SIAM Journal on Computing, 1982, 11, 512-520.	0.8	9
3	An appraisal of computational complexity for operations researchers. European Journal of Operational Research, 1982, 11, 201-210.	3.5	1
4	Routing and scheduling of vehicles and crews. Computers and Operations Research, 1983, 10, 63-211.	2.4	741
5	Network models for vehicle and crew scheduling. European Journal of Operational Research, 1984, 16, 139-151.	3.5	100
6	Implementation techniques for the vehicle routing problem. Computers and Operations Research, 1985, 12, 273-283.	2.4	35
7	Integer programming formulations of vehicle routing problems. European Journal of Operational Research, 1985, 20, 58-67.	3.5	158
8	Vehicle routing via column generation. European Journal of Operational Research, 1985, 21, 65-76.	3.5	15
9	The fleet size and mix problem for capacitated arc routing. European Journal of Operational Research, 1985, 22, 329-337.	3.5	164
10	On the worst-case performance of some heuristics for the vehicle routing and scheduling problem with time window constraints. Networks, 1986, 16, 161-174.	1.6	73
12	Pickup and Delivery of Partial Loads with â€œSoftâ€•Time Windows. American Journal of Mathematical and Management Sciences, 1986, 6, 369-398.	0.6	62
13	Solution Improvement Heuristics for the Vehicle Routing and Scheduling Problem with Time Window Constraints. American Journal of Mathematical and Management Sciences, 1986, 6, 261-300.	0.6	60
14	Exact Algorithms for the Vehicle Routing Problem. North-Holland Mathematics Studies, 1987, 132, 147-184.	0.2	110
15	On some matching problems arising in vehicle scheduling models. Networks, 1987, 17, 271-281.	1.6	186
16	Generalized travelling salesman problem through n sets of nodes: the asymmetrical case. Discrete Applied Mathematics, 1987, 18, 185-197.	0.5	97
17	Heuristics for unequal weight delivery problems with a fixed error guarantee. Operations Research Letters, 1987, 6, 149-158.	0.5	63
18	The development of a microcomputer based system for vehicle routing and scheduling and its use for solving spatial and temporal problems. Mathematical and Computer Modelling, 1988, 11, 558-562.	2.0	5
19	Order batching algorithms for a man-on-board automated storage and retrieval system. Engineering Costs and Production Economics, 1988, 13, 285-294.	0.2	46

#	ARTICLE	IF	CITATIONS
20	Sequencing of Insertions in Printed Circuit Board Assembly. Operations Research, 1988, 36, 192-201.	1.2	236
21	Heuristic methods and applications: A categorized survey. European Journal of Operational Research, 1989, 43, 88-110.	3.5	83
22	The vehicle routing problem with backhauls. European Journal of Operational Research, 1989, 42, 39-51.	3.5	198
23	Parallel savings heuristics for designing multi-center tree networks. , 0, , .		0
24	Expert Systems for Vehicle Scheduling. Journal of the Operational Research Society, 1990, 41, 505-515.	2.1	15
25	Expert Systems for Vehicle Scheduling. Journal of the Operational Research Society, 1990, 41, 505.	2.1	1
26	On a Principle of Chain-exchange for Vehicle-routeing Problems (1-VRP). Journal of the Operational Research Society, 1990, 41, 821-827.	2.1	23
27	Split delivery routing. Naval Research Logistics, 1990, 37, 383-402.	1.4	222
28	Technical Noteâ€"Heuristics for Delivery Problems with Constant Error Guarantees. Transportation Science, 1990, 24, 294-297.	2.6	61
29	Polyhedral results for a vehicle routing problem. European Journal of Operational Research, 1991, 52, 75-85.	3.5	25
30	Dynamic Vehicle Scheduling: An Expert Systems Approach. International Journal of Physical Distribution and Logistics Management, 1991, 21, 10-18.	4.4	20
31	Parallel Savings Based Heuristics for the Delivery Problem. Operations Research, 1991, 39, 456-469.	1.2	97
32	<title>School bus routing using genetic algorithms</title>. , 1992, 1707, 387.		22
33	An Optimization-Based Heuristic for Vehicle Routing and Scheduling with Soft Time Window Constraints. Transportation Science, 1992, 26, 69-85.	2.6	152
34	MICAH: a genetic algorithm system for multi-commodity transshipment problems. , 0, , .		5
35	GENETIC ALGORITHMS FOR THE TRAVELING SALESMAN PROBLEM WITH TIME WINDOWS. , 1992, , 411-423.		6
36	The Capacitated Arc Routing Problem: Lower bounds. Networks, 1992, 22, 669-690.	1.6	135
37	Bounds for the general capacitated routing problem. Networks, 1993, 23, 165-173.	1.6	19

#	ARTICLE	IF	CITATIONS
38	Incorporating vehicle routing into the vehicle fleet composition problem. European Journal of Operational Research, 1993, 66, 313-330.	3.5	86
39	Alternate solution procedures for the location-routing problem. Omega, 1993, 21, 497-506.	3.6	72
40	Metastrategy simulated annealing and tabu search algorithms for the vehicle routing problem. Annals of Operations Research, 1993, 41, 421-451.	2.6	777
41	Effect of genetic sectoring on vehicle routing problems with time windows. , 0, , .		13
42	The effects of initial population in genetic search for time constrained traveling salesman problems. , 1993, , .		11
43	Intime - A New Heuristic Approach to the Vehicle Routing Problem with Time Windows, with a Bakery Fleet Case. American Journal of Mathematical and Management Sciences, 1993, 13, 249-266.	0.6	6
44	Vehicle Routing Problem and Simulated Annealing. SSRN Electronic Journal, 1993, , .	0.4	0
45	Topological design of ring networks. Computers and Operations Research, 1994, 21, 421-431.	2.4	22
46	A result on projection for the vehicle routing problem. European Journal of Operational Research, 1995, 85, 610-624.	3.5	74
47	A two-phase algorithm for the partial accessibility constrained vehicle routing problem. Annals of Operations Research, 1995, 61, 45-65.	2.6	59
48	Routing problems: A bibliography. Annals of Operations Research, 1995, 61, 227-262.	2.6	238
49	Chapter 5 Arc routing methods and applications. Handbooks in Operations Research and Management Science, 1995, 8, 375-483.	0.6	63
50	Chapter 2 Time constrained routing and scheduling. Handbooks in Operations Research and Management Science, 1995, 8, 35-139.	0.6	323
52	Multicriteria pickup and delivery problem with transfer opportunity. Computers and Industrial Engineering, 1996, 30, 631-645.	3.4	51
53	A restricted dynamic programming heuristic algorithm for the time dependent traveling salesman problem. European Journal of Operational Research, 1996, 90, 45-55.	3.5	128
54	A tabu search algorithm for the multi-trip vehicle routing and scheduling problem. European Journal of Operational Research, 1997, 100, 180-191.	3.5	177
55	On the vehicle routing problem. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 4277-4288.	0.6	1
56	Vehicle routing with pick-up and delivery: tour-partitioning heuristics. Computers and Industrial Engineering, 1998, 34, 669-684.	3.4	78

#	ARTICLE	IF	CITATIONS
58	Minimization of acquisition and operational costs in horizontal material handling system design. IIE Transactions, 1999, 31, 679-693.	2.1	6
59	A two-phase tabu search approach to the location routing problem. European Journal of Operational Research, 1999, 116, 87-99.	3.5	296
60	A parallel algorithm for the vehicle routing problem with time window constraints. Annals of Operations Research, 1999, 86, 585-607.	2.6	71
61	Genetic Algorithm Modelling and Solution of Inspection Path Planning on a Coordinate Measuring Machine (CMM). International Journal of Advanced Manufacturing Technology, 1999, 15, 409-416.	1.5	30
62	Two Evolutionary Metaheuristics For The Vehicle Routing Problem With Time Windows. Infor, 1999, 37, 297-318.	0.5	162
63	An integrated material handling system for a truck assembly plant. Journal of the Operational Research Society, 2000, 51, 263-271.	2.1	13
64	Vehicle routing–scheduling for waste collection in Hanoi. European Journal of Operational Research, 2000, 125, 449-468.	3.5	124
65	Generalized Steiner Problems and Other Variants. Journal of Combinatorial Optimization, 2000, 4, 415-436.	0.8	30
66	Parallel simulated annealing for the delivery problem. , 0, , .		4
67	GENERALISATIONS OF THE GILMORE-GOMORY TRAVELING SALESMAN PROBLEM AND THE GILMORE-GOMORY SCHEME: A SURVEY. International Game Theory Review, 2001, 03, 213-235.	0.3	1
68	A MIXED-STRATEGY HEURISTIC FOR THE MIXED ARC ROUTING PROBLEM. Journal of the Chinese Institute of Industrial Engineers, 2001, 18, 68-76.	0.5	4
69	Spatial decision support system for home-delivered services. Journal of Geographical Systems, 2001, 3, 181-197.	1.9	22
70	Comparing descent heuristics and metaheuristics for the vehicle routing problem. Computers and Operations Research, 2001, 28, 289-315.	2.4	99
71	Selection and sequencing heuristics to reduce variance in gas turbine engine nozzle assemblies. European Journal of Operational Research, 2001, 132, 490-504.	3.5	2
72	A greedy look-ahead heuristic for the vehicle routing problem with time windows. Journal of the Operational Research Society, 2001, 52, 523-537.	2.1	99
73	A unified tabu search heuristic for vehicle routing problems with time windows. Journal of the Operational Research Society, 2001, 52, 928-936.	2.1	694
74	Maximizing paper spread in examination timetabling using a vehicle routing method. , 0, , .		0
75	Using family competition genetic algorithm in pickup and delivery problem with time window constraints. , 0, , .		3

#	Article	IF	Citations
76	Parallel and Hybrid Models for Multi-objective Optimization: Application to the Vehicle Routing Problem. Lecture Notes in Computer Science, 2002, , 271-280.	1.0	52
77	New assignment algorithms for the multi-depot vehicle routing problem. Journal of the Operational Research Society, 2002, 53, 977-984.	2.1	83
78	A Vehicle Routing System Supporting Milk Collection. Opsearch, 2002, 39, 46-54.	1.1	3
79	Parallel simulated annealing for the vehicle routing problem with time windows. , 0, , .		81
81	Specification for a dynamic vehicle routing and scheduling system. International Journal of Transport Management, 2002, 1, 29-40.	0.2	32
82	A parametric analysis of heuristics for the vehicle routing problem with side-constraints. European Journal of Operational Research, 2002, 137, 348-370.	3.5	28
83	Parallelization of a Two-Phase Metaheuristic for Routing Problems with Time Windows. Journal of Heuristics, 2002, 8, 251-276.	1.1	64
84	GRASP with a New Local Search Scheme for Vehicle Routing Problems with Time Windows. Journal of Combinatorial Optimization, 2003, 7, 179-207.	0.8	19
85	Capacitated Vehicle Routing Problem with Fuzzy Demand. Studies in Fuzziness and Soft Computing, 2003, , 317-335.	0.6	9
86	A Fast Evolutionary Metaheuristic for the Vehicle Routing Problem with Time Windows. International Journal on Artificial Intelligence Tools, 2003, 12, 153-172.	0.7	22
87	A Two-Stage Hybrid Algorithm for Pickup and Delivery Vehicle Routing Problems with Time Windows. Lecture Notes in Computer Science, 2003, , 123-137.	1.0	14
88	Um modelo matemático para o problema de seqüenciamento e programação de visitas de gerentes de banco. Gestão & Produção, 2003, 10, 183-196.	0.5	1
89	Computer-Aided Complexity Classification of Dial-a-Ride Problems. INFORMS Journal on Computing, 2004, 16, 120-132.	1.0	41
90	Optimization of material handling in production and warehousing facilities. Operational Research, 2004, 4, 317-331.	1.3	6
91	Solving a vehicle routing problem by balancing the vehicles time utilization. European Journal of Operational Research, 2004, 152, 520-527.	3.5	16
92	A multi-start local search algorithm for the vehicle routing problem with time windows. European Journal of Operational Research, 2004, 159, 586-605.	3.5	94
93	A tabu search heuristic for the vehicle routing problem with time windows and split deliveries. Computers and Operations Research, 2004, 31, 1947-1964.	2.4	180
94	Integration of fuzzy theory and ant algorithm for vehicle routing problem with time window. , 2004, , .		15

#	ARTICLE	IF	CITATIONS
95	Solving the Vehicle Routing Problem by Using Cellular Genetic Algorithms. Lecture Notes in Computer Science, 2004, , 11-20.	1.0	60
96	Minimizing logistics risk through real‑time vehicle routing and mobile technologies. International Journal of Physical Distribution and Logistics Management, 2004, 34, 749-764.	4.4	121
97	A hybrid GA/heuristic approach to the simultaneous scheduling of machines and automated guided vehicles. International Journal of Production Research, 2004, 42, 267-281.	4.9	137
98	A Two-Stage Hybrid Local Search for the Vehicle Routing Problem with Time Windows. Transportation Science, 2004, 38, 515-530.	2.6	250
99	A synthesis of assignment and heuristic solutions for vehicle routing with time windows. Journal of the Operational Research Society, 2004, 55, 2-11.	2.1	7
100	A Sweep-Based TCNN Algorithm for Capacity Vehicle Routing Problem. Lecture Notes in Computer Science, 2005, , 756-761.	1.0	1
101	A two-phase hybrid metaheuristic for the vehicle routing problem with time windows. European Journal of Operational Research, 2005, 162, 220-238.	3.5	184
102	A Grouping Genetic Algorithm for the Pickup and Delivery Problem with Time Windows. OR Spectrum, 2005, 27, 21-41.	2.1	106
103	Advanced vehicle routing algorithms for complex operations management problems. Journal of Food Engineering, 2005, 70, 455-471.	2.7	26
104	Multi-objective Vehicle Routing Problems Using Two-Fold EMO Algorithms to Enhance Solution Similarity on Non-dominated Solutions. Lecture Notes in Computer Science, 2005, , 885-896.	1.0	21
105	Optimal Delay-Constrained Minimum Cost Loop Algorithm for Local Computer Network. , 0, , .		1
106	A new enhancement of the Clarke and Wright savings heuristic for the capacitated vehicle routing problem. Journal of the Operational Research Society, 2005, 56, 954-961.	2.1	69
107	A Genetic Clustering-Based TCNN Algorithm for Capacity Vehicle Routing Problem. , 0, , .		0
108	Color-Coating Production Scheduling in the Steel Industry. , 0, , .		1
109	Reducing Traveled Distance in the Vehicle Routing Problem with Time Windows using a Multi-Start Simulated Annealing. , 2006, , .		3
110	Enhancements of NSGA II and Its Application to the Vehicle Routing Problem with Route Balancing. Lecture Notes in Computer Science, 2006, , 131-142.	1.0	36
111	The Period Vehicle Routing Problem with Service Choice. Transportation Science, 2006, 40, 439-454.	2.6	129
112	Periodic product distribution from multi-depots under limited supplies. IIE Transactions, 2006, 38, 1009-1026.	2.1	32

#	Article	IF	Citations
113	Scatter search para problemas de roteirização de veículos com frota heterogênea, janelas de tempo e entregas fracionadas. Production, 2006, 16, 455-469.	1.3	5
114	Reducing Traveled Distance in the Vehicle Routing Problem with Time Windows using a Multi-Start Simulated Annealing. , 0, , .		0
115	A hybrid simulated annealing for capacitated vehicle routing problems with the independent route length. Applied Mathematics and Computation, 2006, 176, 445-454.	1.4	102
116	Multi-Objective Genetic Algorithms for Vehicle Routing Problem with Time Windows. Applied Intelligence, 2006, 24, 17-30.	3.3	407
117	Route stability in vehicle routing decisions: a bi-objective approach using metaheuristics. Central European Journal of Operations Research, 2006, 14, 193-207.	1.1	15
118	Modeling reverse logistic tasks within closed-loop supply chains: An example from the automotive industry. European Journal of Operational Research, 2006, 171, 1033-1050.	3.5	246
119	Evolving Combinatorial Problem Instances That Are Difficult to Solve. Evolutionary Computation, 2006, 14, 433-462.	2.3	42
120	Economic Heuristic Optimization for Heterogeneous Fleet VRPHESTW. Journal of Transportation Engineering, 2006, 132, 303-311.	0.9	42
121	New measures of proximity for the assignment algorithms in the MDVRPTW. Journal of the Operational Research Society, 2006, 57, 241-249.	2.1	10
122	An Improved Particle Swarm Optimization Algorithm for Vehicle Routing Problem with Time Windows. , 0, , .		12
123	Solving a Bi-objective Vehicle Routing Problem by Pareto-Ant Colony Optimization. , 2007, , 187-191.		12
124	An Improved Genetic Algorithm on Logistics Delivery in E-business. , 2007, , .		3
125	The application of Multilevel Refinement to the Vehicle Routing Problem. , 2007, , .		5
126	Leveraging Biologically-inspired Mobile Agents Supporting Composite Needs of Reliability and Timeliness in Sensor Applications. , 2007, , .		8
127	Algoritmo de busca dispersa aplicado ao problema clássico de roteamento de veículos. Pesquisa Operacional, 2007, 27, 293-310.	0.1	5
128	Solving the vehicle routing problem with multiple trips by adaptive memory programming. International Journal of Logistics Systems and Management, 2007, 3, 440.	0.2	7
129	A Two-Stage Heuristic with Ejection Pools and Generalized Ejection Chains for the Vehicle Routing Problem with Time Windows. INFORMS Journal on Computing, 2007, 19, 443-457.	1.0	74
130	Holonic and Multi-Agent Systems for Manufacturing. Lecture Notes in Computer Science, 2007, , .	1.0	6

#	Article	IF	Citations
131	A Robust Method for the VRPTW with Multi-Start Simulated Annealing and Statistical Analysis. , 2007, , .		8
132	A Population-Based Local Search for Solving a Bi-objective Vehicle Routing Problem. Lecture Notes in Computer Science, 2007, , 166-175.	1.0	15
133	A Priori Performance Measures for Arc-Based Formulations of Vehicle Routing Problem. Transportation Research Record, 2007, 2032, 53-62.	1.0	5
135	A vehicle routing problem solved by using a hybrid genetic algorithm. Computers and Industrial Engineering, 2007, 53, 680-692.	3.4	69
136	A New Capacitated Vehicle Routing Problem with Split Service for Minimizing Fleet Cost by Simulated Annealing. Journal of the Franklin Institute, 2007, 344, 406-425.	1.9	68
137	Probabilistic analysis for a multiple depot vehicle routing problem. Random Structures and Algorithms, 2007, 30, 206-225.	0.6	7
138	Annotated bibliography in vehicle routing. Operational Research, 2007, 7, 27-46.	1.3	25
139	Target aiming Pareto search and its application to the vehicle routing problem with route balancing. Journal of Heuristics, 2007, 13, 455-469.	1.1	52
140	Real-time split-delivery pickup and delivery time window problems with transfers. Central European Journal of Operations Research, 2007, 15, 329-349.	1.1	33
141	Scatter search for the fleet size and mix vehicle routing problem with time windows. Central European Journal of Operations Research, 2007, 15, 351-368.	1.1	19
142	Adaptive memory programming for the vehicle routing problem with multiple trips. Computers and Operations Research, 2007, 34, 28-47.	2.4	130
143	An efficient variable neighborhood search heuristic for very large scale vehicle routing problems. Computers and Operations Research, 2007, 34, 2743-2757.	2.4	219
144	An assignment-based heuristic for vehicle routing with time windows. Operational Research, 2008, 8, 219-233.	1.3	0
145	Two composite methods for soft drink distribution problem. Advances in Engineering Software, 2008, 39, 438-443.	1.8	5
146	Multi-period vehicle routing and crew scheduling with outsourcing options. International Journal of Production Economics, 2008, 113, 980-996.	5.1	80
147	A Two-Stage Hybrid Ant Colony Algorithm for the CVRP. , 2008, , .		1
148	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
149	A simple metaheuristic approach to the simultaneous scheduling of machines and automated guided vehicles. International Journal of Production Research, 2008, 46, 2143-2164.	4.9	96

#	ARTICLE	IF	CITATIONS
150	Vehicle Routing with Linear Temporal Logic Specifications: Applications to Multi-UAV Mission Planning. , 2008, , .		28
151	A Modified Max-Min Ant System for Vehicle Routing Problems. , 2008, , .		5
152	A robust optimization approach for the capacitated vehicle routing problem with demand uncertainty. IIE Transactions, 2008, 40, 509-523.	2.1	180
154	Study on the Location Routing Problem of the Multi-Stage Logistics Network. , 2008, , .		0
155	Genetic algorithm for the vehicle routing problem with time windows and fuzzy demand. , 2008, , .		6
157	Application of ant colony optimization to logistic scheduling algorithm. , 2008, , .		0
158	Scatter Search for Vehicle Routing Problem with Time Windows and Split Deliveries. , 2008, , .		8
159	Enhancing Solution Similarity in Multi-Objective Vehicle Routing Problems with Different Demand Periods. , 0, , .		4
160	O problema do carteiro chinês, algoritmos exatos e um ambiente MVI para análise de suas instâncias: sistema XNÊS. Pesquisa Operacional, 2009, 29, 323-363.	0.1	3
161	Artificial Intelligence Heuristic for Combinatorial Routing Problem. Journal of Information Technology Research, 2009, 2, 19-38.	0.3	0
162	Integration optimization for VFP&#x00026;VRP of limit goods. , 2009, , .		0
163	A modified Ant Colony Algorithm with local search for capacitated vehicle routing problem. , 2009, , .		0
164	Node Reclamation and Replacement for Long-lived Sensor Networks. , 2009, , .		14
165	The bee colony-inspired algorithm (BCiA). , 2009, , .		13
167	Multi-strategy grouping genetic algorithm for the pickup and delivery problem with time windows. , 2009, , .		5
168	An evolutionary algorithm for the vehicle routing problem with route balancing. European Journal of Operational Research, 2009, 195, 761-769.	3.5	107
169	A heuristic method for the vehicle routing problem with backhauls and inventory. Journal of Intelligent Manufacturing, 2009, 20, 29-42.	4.4	35
170	An overview on vehicle scheduling models. Public Transport, 2009, 1, 299-317.	1.7	185

#	ARTICLE	IF	CITATIONS
171	A deterministic tabu search algorithm for the fleet size and mix vehicle routing problem. European Journal of Operational Research, 2009, 195, 716-728.	3.5	108
172	Simultaneously scheduling multiple turns for steel color-coating production. European Journal of Operational Research, 2009, 198, 715-725.	3.5	25
173	Route Design for Delivery of Voting Machines in Hamilton County, Ohio. Interfaces, 2009, 39, 443-459.	1.6	4
174	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.	3.7	105
175	The potential of optimization in communal routing problems: case studies from Finland. Journal of Transport Geography, 2009, 17, 484-490.	2.3	27
176	Random access wireless networks with controlled mobility. , 2009, , .		5
177	Using Genetic Algorithms for Multi-depot Vehicle Routing. Studies in Computational Intelligence, 2009, , 77-99.	0.7	34
178	From System Complexity to Emergent Properties. Understanding Complex Systems, 2009, , .	0.3	13
179	Scatter search for a real-life fleet size and mix vehicle routing problem with time windows in Iran. , 2009, , .		0
180	Mathematical optimization to improve cows' artificial insemination services. Journal of Dairy Science, 2009, 92, 2306-2316.	1.4	1
181	Genetic Algorithm for Mulicriteria Optimization of a Multi-Pickup and Delivery Problem with Time Windows. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1538-1543.	0.4	7
182	A Study of Optimizing VRP of Private Fleet and Entrusted Vehicles. , 2009, , .		0
183	Quality-aware sensor data collection. International Journal of Sensor Networks, 2010, 7, 127.	0.2	18
184	A particle swarm approach to solve vehicle routing problem with uncertain demand: A drug distribution case study. International Journal of Industrial Engineering Computations, 2010, 1, 55-64.	0.4	29
185	An empirical analysis on robust Vehicle Routing Problem: a case study on drug industry. International Journal of Logistics Systems and Management, 2010, 7, 507.	0.2	9
186	A hybrid search method for the vehicle routing problem with time windows. Annals of Operations Research, 2010, 180, 125-144.	2.6	46
187	SWARM INTELLIGENCE: APPLICATION OF THE ANT COLONY OPTIMIZATION ALGORITHM TO LOGISTICS‐ORIENTED VEHICLE ROUTING PROBLEMS. Journal of Business Logistics, 2010, 31, 157-175.	7.0	32
188	Vehicle routing with time windows: An overview of exact, heuristic and metaheuristic methods. Journal of King Saud University - Science, 2010, 22, 123-131.	1.6	179

#	ARTICLE	IF	CITATIONS
189	A simulated annealing heuristic for the capacitated location routing problem. Computers and Industrial Engineering, 2010, 58, 288-299.	3.4	240
190	Using simulated annealing to minimize fuel consumption for the time-dependent vehicle routing problem. Computers and Industrial Engineering, 2010, 59, 157-165.	3.4	267
191	Solving real-world vehicle routing problems with time windows using virus evolution strategy. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2010, 14, 115-126.	0.7	6
192	A Variable Neighborhood Tabu Search Algorithm for the Heterogeneous Fleet Vehicle Routing Problem with Time Windows. , 2010, , .		2
193	A Genetic Search Algorithm for a Vehicle Routing Problem with Time Windows. , 2010, , .		0
194	A robust optimisation approach for the milk run problem with time windows with inventory uncertainty: an auto industry supply chain case study. International Journal of Rapid Manufacturing, 2010, 1, 334.	0.5	15
195	Exploiting grid computation for solving the Vehicle Routing Problem. , 2010, , .		2
197	E-business Technology and Strategy. Communications in Computer and Information Science, 2010, , .	0.4	0
198	Intelligent Infrastructures. , 2010, , .		32
199	A vehicle routing problem considering traffic situation with time windows by using hybrid genetic algorithm. , 2010, , .		2
200	A solution to the multiple aspect coverage problem. , 2011, , .		10
201	Node Reclamation and Replacement for Long-Lived Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1550-1563.	4.0	68
202	A two-phase approach for jointly determining the lot size and delivery policy in a vendor-buyer integrated system with rework. Journal of Information and Optimization Sciences, 2011, 32, 1425-1442.	0.2	0
203	J-RoC: A Joint Routing and Charging scheme to prolong sensor network lifetime. , 2011, , .		119
204	Fastest Complete Vehicle Routing Problem Using Learning Multiple Ant Colony Algorithm. Advanced Materials Research, 0, 217-218, 1044-1049.	0.3	3
205	The Vehicle-Routing Problem. , 2011, , 127-153.		16
206	Application of Improved Discrete Particle Swarm Optimization in Logistics Distribution Routing Problem. Procedia Engineering, 2011, 15, 3673-3677.	1.2	15
207	Trends in Computer Science, Engineering and Information Technology. Communications in Computer and Information Science, 2011, , .	0.4	3

#	Article	IF	Citations
208	Dynamics in Logistics. , 2011, , .		2
209	Coordinated multi-criteria scheduling of caregivers in home health Care Services. , 2011, , .		5
210	A framework algorithm for a real-world variant of the vehicle routing problem. , 2011, , .		2
211	Collaborative model for planning and scheduling caregivers' activities in homecare. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 2877-2882.	0.4	8
212	Search and pursuit-evasion in mobile robotics. Autonomous Robots, 2011, 31, 299-316.	3.2	434
213	Linear temporal logic vehicle routing with applications to multi‐UAV mission planning. International Journal of Robust and Nonlinear Control, 2011, 21, 1372-1395.	2.1	101
214	Benders' cuts guided large neighborhood search for the traveling umpire problem. Naval Research Logistics, 2011, 58, 771-781.	1.4	15
215	A heuristic method for the inventory routing and pricing problem in a supply chain. Expert Systems With Applications, 2011, 38, 1447-1456.	4.4	40
216	An improved multi-objective evolutionary algorithm for the vehicle routing problem with time windows. Computers and Operations Research, 2011, 38, 287-300.	2.4	148
217	Green logistics at Eroski: A case study. International Journal of Production Economics, 2011, 131, 44-51.	5.1	269
218	A new mathematical model for a competitive vehicle routing problem with time windows solved by simulated annealing. Journal of Manufacturing Systems, 2011, 30, 83-92.	7.6	47
219	Selective multi-depot vehicle routing problem with pricing. Transportation Research Part C: Emerging Technologies, 2011, 19, 866-884.	3.9	81
220	Scheduling multiple vehicle mobility allowance shuttle transit (m-MAST) services. , 2011, , .		0
221	A Parallel Genetic Algorithm with GPU Accelerated for Large-scale MDVRP in Emergency Logistics. , 2011, , .		6
222	A multi-stage local search for a real-world vehicle routing problem. , 2011, , .		1
223	A Hybrid Algorithm Based on ACO and PSO for Capacitated Vehicle Routing Problems. Mathematical Problems in Engineering, 2012, 2012, 1-17.	0.6	42
224	Scheduling Major League Baseball Umpires and the Traveling Umpire Problem. Interfaces, 2012, 42, 232-244.	1.6	58
225	A heuristic method for solving reverse logistics vehicle routing problems with time windows. International Journal of Industrial and Systems Engineering, 2012, 12, 207.	0.1	14

#	ARTICLE	IF	CITATIONS
226	Analysis of Search Decision Making Using Probabilistic Search Strategies. IEEE Transactions on Robotics, 2012, 28, 132-144.	7.3	58
227	A multiobjective evolutionary algorithm with enhanced reproduction operators for the vehicle routing problem with time windows. , 2012, , .		3
228	Vehicle routing problem with time windows considering overtime and outsourcing vehicles. Expert Systems With Applications, 2012, 39, 13202-13213.	4.4	33
229	Unsupervised Clustering Method for the Capacited Vehicle Routing Problem. , 2012, , .		1
230	A transgenic algorithm for the Vehicle Routing Problem with Time Windows. , 2012, , .		1
232	A meta-genetic algorithm for solving the Capacitated Vehicle Routing Problem. , 2012, , .		5
233	Theory and experimental results for the multiple aspect coverage problem. Ocean Engineering, 2012, 54, 51-60.	1.9	13
234	A parallel multi-neighborhood cooperative tabu search for capacitated vehicle routing problems. European Journal of Operational Research, 2012, 222, 441-451.	3.5	59
235	A hybrid meta-heuristic algorithm for the vehicle routing problem with stochastic travel times considering the driver's satisfaction. Journal of Industrial Engineering International, 2012, 8, 1.	1.8	9
236	Solving Vehicle Routing Problems Using an Enhanced Clarke-Wright Algorithm: A Case Study. Lecture Notes in Computer Science, 2012, , 190-205.	1.0	3
237	Development of a maritime transportation planning support system for car carriers based on genetic algorithm. Applied Intelligence, 2012, 36, 585-604.	3.3	28
238	Vehicle routing problem with uncertain demands: An advanced particle swarm algorithm. Computers and Industrial Engineering, 2012, 62, 306-317.	3.4	91
239	Vehicle routing with multiple deliverymen: Modeling and heuristic approaches for the VRPTW. European Journal of Operational Research, 2012, 218, 636-647.	3.5	73
240	An investigation into the vehicle routing problem with time windows and link capacity constraints. Omega, 2012, 40, 336-347.	3.6	39
241	Metaheuristics in Logistics and Supply Chain Management. Journal of Business Logistics, 2012, 33, 90-106.	7.0	68
242	Approximate algorithms with estimates for routing problems on random inputs with a bounded number of customers per route. Automation and Remote Control, 2012, 73, 323-335.	0.4	0
243	An approximation algorithm for the traveling tournament problem. Annals of Operations Research, 2012, 194, 317-324.	2.6	7
244	Solving reverse logistics vehicle routing problems with time windows. International Journal of Advanced Manufacturing Technology, 2013, 68, 57-68.	1.5	32

#	ARTICLE	IF	CITATIONS
245	A novel meta-heuristic based on soccer concepts to solve routing problems. , 2013, , .		18
247	Modeling cost-delivery trade-offs for distribution logistics by a generalized PVRP model. Journal of Business Economics, 2013, 83, 705-726.	1.3	2
248	A Simulated Annealing-based parallel multi-objective approach to vehicle routing problems with time windows. Expert Systems With Applications, 2013, 40, 1696-1707.	4.4	101
249	Heuristic methods for the fleet size and mix vehicle routing problem with time windows and split deliveries. Computers and Industrial Engineering, 2013, 64, 589-601.	3.4	48
250	An efficient heuristic for the Multi-vehicle One-to-one Pickup and Delivery Problem with Split Loads. Transportation Research Part C: Emerging Technologies, 2013, 27, 169-188.	3.9	34
251	Metaheuristic approach to transportation scheduling in emergency situations. Transport, 2013, 28, 46-59.	0.6	8
252	Weekly scheduling models for traveling therapists. Socio-Economic Planning Sciences, 2013, 47, 191-204.	2.5	24
253	A hybrid population heuristic for the heterogeneous vehicle routing problems. Transportation Research, Part E: Logistics and Transportation Review, 2013, 54, 67-78.	3.7	39
254	An evolutionary approach to the multi-objective pickup and delivery problem with time windows. , 2013, , .		8
255	Nonâ€dominated Timeâ€Window Policies in City Distribution. Production and Operations Management, 2013, 22, 739-751.	2.1	28
256	Agent-Based Design for UAV Mission Planning. , 2013, , .		14
257	Benders/gossip methods for heterogeneous multi-vehicle routing problems. , 2013, , .		7
258	Optimization of the multi-depot &amp; Multi-vehicle pickup and delivery problem with time windows using genetic algorithm. , 2013, , .		7
259	Reoptimizing the rural postman problem. Computers and Operations Research, 2013, 40, 1306-1313.	2.4	8
260	A hybrid meta-heuristic for multi-objective vehicle routing problems with time windows. Computers and Industrial Engineering, 2013, 65, 286-296.	3.4	118
261	Simultaneous Vehicle and Crew Routing and Scheduling for Partial- and Full-Load Long-Distance Road Transport. Business Research, 2013, 6, 242-264.	4.0	18
262	Autonomic Agents for Real Time UAV Mission Planning. , 2013, , .		6
263	A New Improved Quantum Evolution Algorithm with Local Search Procedure for Capacitated Vehicle Routing Problem. Mathematical Problems in Engineering, 2013, 2013, 1-17.	0.6	11

#	Article	IF	Citations
264	Column Generation for a Multitrip Vehicle Routing Problem with Time Windows, Driver Work Hours, and Heterogeneous Fleet. Mathematical Problems in Engineering, 2013, 2013, 1-13.	0.6	14
265	Mutation Ant Colony Algorithm of Milk-Run Vehicle Routing Problem with Fastest Completion Time Based on Dynamic Optimization. Discrete Dynamics in Nature and Society, 2013, 2013, 1-6.	0.5	10
266	Study on the Modeling Method of Software Process Based on Timing and Parallel Automata. Advanced Materials Research, 0, 765-767, 1537-1540.	0.3	0
267	A hybrid heuristic method for the fleet size and mix vehicle routing problem. Journal of Industrial and Production Engineering, 2013, 30, 181-189.	2.1	5
268	Pro-active Dynamic Vehicle Routing. Contributions To Management Science, 2013, , .	0.4	9
269	Analysis of the suitability of using blind crossover operators in genetic algorithms for solving routing problems. , 2013, , .		10
270	Introduction to Tour Planning: Vehicle Routing and Related Problems. Contributions To Management Science, 2013, , 15-79.	0.4	2
271	Scheduling Concrete Delivery Problems by a Robust Meta Heuristic Method. , 2013, , .		11
273	Planning and Scheduling in Intermodal Transport. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 27-32.	0.4	2
274	Planning for meals-on-wheels: algorithms and application. Journal of the Operational Research Society, 2013, 64, 1540-1550.	2.1	25
275	A new hybrid GA-PSO method for solving multi-period inventory routing problem with considering financial decisions. Journal of Industrial Engineering and Management, 2013, 6, .	1.0	9
276	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.	0.6	10
277	Adaptive Ant Colony Algorithm for the VRP Solution of Logistics Distribution. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 807-811.	0.1	11
278	Vehicle Routing Optimization Using Multiple Local Search Improvements. Automatika, 2014, 55, 124-132.	1.2	5
279	A Framing Link Based Tabu Search Algorithm for Large-Scale Multidepot Vehicle Routing Problems. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	5
280	Focusing on the Golden Ball Metaheuristic: An Extended Study on a Wider Set of Problems. Scientific World Journal, The, 2014, 2014, 1-17.	0.8	14
281	Minimizing the Carbon Footprint for the Time-Dependent Heterogeneous-Fleet Vehicle Routing Problem with Alternative Paths. Sustainability, 2014, 6, 4658-4684.	1.6	34
282	The vehicle routing problem for the coal mine dangerous materials distribution. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
283	Computer-based Modelling and Optimization in Transportation. Advances in Intelligent Systems and Computing, 2014, , .	0.5	1
284	Exploring Experts Decisions in Concrete Delivery Dispatching Systems Using Bayesian Network Learning Techniques. , 2014, , .		4
285	Applying GPU programming to obtain average AS/RS performance in optimal zoned aisles. , 2014, , .		0
286	Genetic algorithm with pareto front selection for multi-criteria optimization of multi-depots and multi- vehicle pickup and delivery problems with time windows. , 2014, , .		1
287	A Robust optimization approach for the Vehicle Routing problem with uncertain travel cost. , 2014, , .		9
288	Efficiency and Robustness in a Support Platform for Intelligent Airport Ground Handling. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2014, 18, 121-130.	2.6	19
289	A Survey on Multi-criteria Analysis in Logistics: Focus on Vehicle Routing Problems. Springer Series in Advanced Manufacturing, 2014, , 3-29.	0.2	14
290	Store-Carry-Forward Energy Distribution Method and Routing Control Method for Use in a Disaster. , 2014, , .		1
291	Developing a Hyper-Heuristic Using Grammatical Evolution and the Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2014, , 668-679.	1.0	9
292	Management of the care activities in Home Health Care Services: The routing and scheduling of caregivers level. , 2014, , .		2
294	A hybrid generational genetic algorithm for the periodic vehicle routing problem with time windows. Journal of Heuristics, 2014, 20, 383-416.	1.1	22
295	Golden ball: a novel meta-heuristic to solve combinatorial optimization problems based on soccer concepts. Applied Intelligence, 2014, 41, 145-166.	3.3	77
296	Integration of AI and OR Techniques in Constraint Programming. Lecture Notes in Computer Science, 2014, , .	1.0	4
298	The traveling therapist scheduling problem. IIE Transactions, 2014, 46, 683-706.	2.1	35
299	Many-to-many location-routing with inter-hub transport and multi-commodity pickup-and-delivery. European Journal of Operational Research, 2014, 236, 863-878.	3.5	79
300	A variable neighborhood search with path-relinking for the capacitated location routing problem. Journal of Industrial and Production Engineering, 2014, 31, 163-176.	2.1	8
301	Strategic placement of telemetry to reduce routing costs. Networks, 2014, 63, 260-275.	1.6	5
302	On the influence of using initialization functions on genetic algorithms solving combinatorial optimization problems: A first study on the TSP. , 2014, , .		11

#	Article	IF	Citations
303	Connected multi UAV task planning for Flying Ad Hoc Networks. , 2014, , .		39
304	A metaheuristic based on a pool of routes for the vehicle routing problem with multiple trips and time windows. Journal of the Operational Research Society, 2014, 65, 37-48.	2.1	18
305	Operations Research Proceedings 2012. Operations Research Proceedings: Papers of the Annual Meeting = Vortrãge Der Jahrestagung / DGOR, 2014, , .	0.1	3
306	Heuristics Based Particle Swarm Optimization for Solving Vehicle Routing Problems. , 2014, , .		2
307	Multi-depot vessel routing problem in a direction dependent wavefield. Journal of Combinatorial Optimization, 2014, 28, 38-57.	0.8	4
308	Smart City. Progress in IS, 2014, , .	0.5	97
309	International Joint Conference SOCOâ€™14-CISISâ€™14-ICEUTEâ€™14. Advances in Intelligent Systems and Computing, 2014, , .	0.5	1
310	Information Sciences and Systems 2014. , 2014, , .		8
311	Public transport vehicle scheduling featuring multiple vehicle types. Transportation Research Part B: Methodological, 2014, 67, 129-143.	2.8	81
312	A Hybrid Harmony Search (HHS) algorithm for a Green Vehicle Routing Problem (GVRP). , 2014, , 573-578.		0
313	A Bio-Inspired Algorithm for the Fleet Size and Mix Vehicle Routing Problem. Journal of Computational and Theoretical Nanoscience, 2014, 11, 2085-2090.	0.4	1
314	Sustainable Demand Responsive Transportation systems in a context of austerity: The case of a Portuguese city. Research in Transportation Economics, 2015, 51, 94-103.	2.2	15
315	Solving the Capacitated Vehicle Routing Problem Based on Improved Ant-clustering Algorithm. MATEC Web of Conferences, 2015, 22, 03022.	0.1	0
316	Adjusted clustering Clarke-Wright Saving Algorithm for two depots-N vehicles. , 2015, , .		1
317	A Combinatorial Bendersâ€™ Cuts Algorithm for the Local Container Drayage Problem. Mathematical Problems in Engineering, 2015, 2015, 1-7.	0.6	2
318	Efficient Insertion Heuristics for Multitrip Vehicle Routing Problem with Time Windows and Shift Time Limits. Transportation Research Record, 2015, 2477, 27-39.	1.0	6
319	Intelligent Systems in Cybernetics and Automation Theory. Advances in Intelligent Systems and Computing, 2015, , .	0.5	5
320	Heuristic algorithms to minimize the total tardiness in a flow shop production and outbound distribution scheduling problem. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
321	Recommending Fair Payments for Large-Scale Social Ridesharing. , 2015, , .		9
322	Polynomial Time Approximation Scheme for Single-Depot Euclidean Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 178-190.	1.0	14
323	Heuristic approach for data gathering in wireless sensor networks. , 2015, , .		1
324	A random keys genetic algorithm for a bicriterion project selection and scheduling problem. International Journal of Planning and Scheduling, 2015, 2, 110.	0.1	2
325	Route planning for a seaplane service: The case of the Greek Islands. Computers and Operations Research, 2015, 59, 66-77.	2.4	15
326	An evolutionary approach for multi-objective vehicle routing problems with backhauls. Computers and Industrial Engineering, 2015, 81, 90-108.	3.4	33
327	A Local Search-Based Multiobjective Optimization Algorithm for Multiobjective Vehicle Routing Problem With Time Windows. IEEE Systems Journal, 2015, 9, 1100-1113.	2.9	88
328	City Vehicle Routing Problem (City VRP): A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1654-1666.	4.7	130
329	Reduction of CO2 Emissions in Cumulative Multi-Trip Vehicle Routing Problems with Limited Duration. Environmental Modeling and Assessment, 2015, 20, 273-284.	1.2	16
330	Customer satisfaction in dynamic vehicle routing problem with time windows. Applied Soft Computing Journal, 2015, 35, 423-432.	4.1	38
331	The Vehicle Routing Optimization with Uncertain Demands and Traveling Time. Advances in Intelligent Systems and Computing, 2015, , 267-274.	0.5	3
332	A general approach for controlling vehicle en-route diversions in dynamic vehicle routing problems. Transportation Research Part B: Methodological, 2015, 77, 76-87.	2.8	26
333	Best-order crossover for permutation-based evolutionary algorithms. Applied Intelligence, 2015, 42, 751-776.	3.3	16
334	Using Grey Wolf Algorithm to Solve the Capacitated Vehicle Routing Problem. IOP Conference Series: Materials Science and Engineering, 2015, 83, 012014.	0.3	42
335	Predicting Heuristic Search Performance with PageRank Centrality in Local Optima Networks. , 2015, , .		10
336	Rich Vehicle Routing Problem. ACM Computing Surveys, 2015, 47, 1-28.	16.1	201
337	Ant algorithms with immigrants schemes for the dynamic vehicle routing problem. Information Sciences, 2015, 294, 456-477.	4.0	88
338	Designing delay constrained hybrid ad hoc network infrastructure for post-disaster communication. Ad Hoc Networks, 2015, 25, 406-429.	3.4	48

#	Article	IF	Citations
339	A branch-and-price approach for a multi-period vehicle routing problem. Computers and Operations Research, 2015, 55, 167-184.	2.4	52
340	Local container drayage problem with tractor and trailer operating in separable mode. Flexible Services and Manufacturing Journal, 2015, 27, 431-450.	1.9	19
341	Description of the classification of publications and the models used in solving of the vehicle routing problem with pickup and delivery. Revista IngenierÃas Universidad De MedellÃn, 2016, 15, 287-306.	0.1	2
342	A Three-Stage Saving-Based Heuristic for Vehicle Routing Problem with Time Windows and Stochastic Travel Times. Discrete Dynamics in Nature and Society, 2016, 2016, 1-10.	0.5	4
343	Review of state of the art vehicle routing problem with pickup and delivery (VRPPD). IngenierÃa Y Desarrollo, 2016, 34, 463-482.	0.0	3
344	New model for a variant of pick up and delivery problem. , 2016, , .		8
345	Genetic algorithms for the vehicle routing problem. AIP Conference Proceedings, 2016, , .	0.3	2
346	Simulation-based approach to Vehicle Routing Problem with traffic jams. , 2016, , .		7
347	Metaheuristics for Vehicle Routing Problems. , 2016, , 407-437.		4
348	Toward Human in the Loop Optimization Through Game-Based Experiments. , 2016, , .		5
349	Train traffic optimization to minimize stochastic delays. , 2016, , .		0
350	Multiobjective approach to the vehicle routing problem with demand responsive transport. , 2016, , .		4
351	Discrete many-objective optimization problems: The case of the pickup and delivery problem. , 2016, , .		1
352	Hybrid metaheuristics for scheduling of machines and transport robots in job shop environment. Applied Intelligence, 2016, 45, 808-828.	3.3	41
353	Flexible work planning of service agents with load balancing. Production Planning and Control, 2016, 27, 1027-1038.	5.8	1
354	Modeling Decisions for Artificial Intelligence. Lecture Notes in Computer Science, 2016, , .	1.0	0
355	A hybrid heuristic for the inventory routing problem under dynamic regional pricing. Computers and Chemical Engineering, 2016, 95, 231-239.	2.0	17
357	An adaptive large-neighborhood search heuristic for a multi-period vehicle routing problem. Transportation Research, Part E: Logistics and Transportation Review, 2016, 95, 95-123.	3.7	52

#	ARTICLE	IF	CITATIONS
358	An efficient population-based simulated annealing algorithm for the multi-product multi-retailer perishable inventory routing problem. Computers and Industrial Engineering, 2016, 99, 189-201.	3.4	63
359	Optimizing Robot Movements in Flexible Job Shop Environment by Metaheuristics Based on Clustered Holonic Multiagent Model. Lecture Notes in Computer Science, 2016, , 275-288.	1.0	0
360	A bi-objective model for integrated scheduling of production and distribution in a supply chain with order release date restrictions. Journal of Manufacturing Systems, 2016, 40, 105-118.	7.6	35
362	Data Gathering in Wireless Sensor Networks Using Unmanned Aerial Vehicles. International Journal of Wireless Information Networks, 2016, 23, 297-309.	1.8	21
363	A simheuristic algorithm for Horizontal Cooperation in urban distribution: Application to a case study in COLOMBIA. , 2016, , .		6
364	A pickup and delivery problem for ridesharing considering congestion. Transportation Letters, 0, , 1-11.	1.8	17
365	An adaptive large neighborhood search heuristic for the Electric Vehicle Scheduling Problem. Computers and Operations Research, 2016, 76, 73-83.	2.4	153
366	A bi-objective approach for scheduling ground-handling vehicles in airports. Computers and Operations Research, 2016, 71, 34-53.	2.4	50
367	A 2-phase constructive algorithm for cumulative vehicle routing problems with limited duration. Expert Systems With Applications, 2016, 56, 48-58.	4.4	35
369	Multi-depot vehicle routing problem with time windows considering delivery and installation vehicles. Applied Mathematical Modelling, 2016, 40, 6536-6549.	2.2	95
370	Vehicle routing problems with multiple trips. 4or, 2016, 14, 223-259.	1.0	91
371	Simultaneous scheduling of machines and transport robots in flexible job shop environment using hybrid metaheuristics based on clustered holonic multiagent model. Computers and Industrial Engineering, 2016, 102, 488-501.	3.4	85
372	Analysis of OpenMP and MPI implementations of meta-heuristics for vehicle routing problems. Applied Soft Computing Journal, 2016, 43, 262-275.	4.1	18
373	The vehicle routing problem: State of the art classification and review. Computers and Industrial Engineering, 2016, 99, 300-313.	3.4	724
374	A multi-space sampling heuristic for the green vehicle routing problem. Transportation Research Part C: Emerging Technologies, 2016, 70, 113-128.	3.9	144
375	Enabling Urban Logistics Services at *La Poste* through Multi-Echelon Location-Routing. Transportation Science, 2016, 50, 520-540.	2.6	57
376	A deterministic iterated local search algorithm for the vehicle routing problem with backhauls. Top, 2016, 24, 445-465.	1.1	13
377	Heuristic solutions for the vehicle routing problem with time windows and synchronized visits. Optimization Letters, 2016, 10, 511-525.	0.9	68

#	Article	IF	Citations
378	Resilience-based post-disaster recovery strategies for road-bridge networks. Structure and Infrastructure Engineering, 2017, 13, 1404-1413.	2.0	128
379	Clustering of Maintenance Tasks for the Danish Railway System. Advances in Intelligent Systems and Computing, 2017, , 791-799.	0.5	1
380	A cooperative game-theoretic approach to the social ridesharing problem. Artificial Intelligence, 2017, 246, 86-117.	3.9	38
381	The electric vehicle routing problem with nonlinear charging function. Transportation Research Part B: Methodological, 2017, 103, 87-110.	2.8	337
382	A fast two-level variable neighborhood search for the clustered vehicle routing problem. Computers and Operations Research, 2017, 83, 78-94.	2.4	70
383	UCT in Capacitated Vehicle Routing Problem with traffic jams. Information Sciences, 2017, 406-407, 42-56.	4.0	21
384	Vehicle routing with private fleet, multiple common carriers offering volume discounts, and rental options. Transportation Research, Part E: Logistics and Transportation Review, 2017, 97, 192-216.	3.7	22
385	Applied Simulation and Optimization 2. , 2017, , .		1
386	A Multi-compartment Vehicle Routing Problem for Livestock Feed Distribution. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2017, , 149-155.	0.1	3
387	Drone-Aided Healthcare Services for Patients with Chronic Diseases in Rural Areas. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 88, 163-180.	2.0	155
388	Distance potential concept and its applications to the design of regional biomass supply chains and solving vehicle routing problems. Journal of Cleaner Production, 2017, 144, 426-436.	4.6	9
389	A Novel Model for the Time Dependent Competitive Vehicle Routing Problem: Modified Random Topology Particle Swarm Optimization. Networks and Spatial Economics, 2017, 17, 1185-1211.	0.7	17
390	Ant Colony Optimization Algorithms to Enable Dynamic Milkrun Logistics. Procedia CIRP, 2017, 63, 762-767.	1.0	12
391	Poster: FooDNet. , 2017, , .		12
392	Considering the Performance Bonus Balance in the Vehicle Routing Problem with Soft Time Windows. Procedia Manufacturing, 2017, 11, 2156-2163.	1.9	7
393	An ant colony optimization algorithm for solving the full truckload vehicle routing problem with profit. , 2017, , .		7
394	Scheduling electric vehicles. Public Transport, 2017, 9, 155-176.	1.7	78
395	A multi-objective optimization of Multi-depot Fleet Size and Mix Vehicle Routing Problem with time window. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
396	Incorporating travel time uncertainty into the design of service regions for delivery/pickup problems with time windows. Expert Systems With Applications, 2017, 72, 207-220.	4.4	17
397	An exact approach for the grocery delivery problem in urban areas. Soft Computing, 2017, 21, 2439-2450.	2.1	11
398	Internal mail transport at processing & distribution centers. IISE Transactions, 2017, 49, 285-303.	1.6	3
399	Computational Intelligence in Logistics and Supply Chain Management. Profiles in Operations Research, 2017, , .	0.3	16
400	Transportation Problems. Profiles in Operations Research, 2017, , 43-71.	0.3	1
401	Symbiotic organisms search and two solution representations for solving the capacitated vehicle routing problem. Applied Soft Computing Journal, 2017, 52, 657-672.	4.1	87
402	Randomized bias genetic algorithm to solve traveling salesman problem. , 2017, , .		6
403	The application of bioinspired methods for solving vehicle routing problems. Procedia Computer Science, 2017, 120, 39-46.	1.2	1
404	Constructive Algorithms for the Cumulative Vehicle Routing Problem with Limited Duration. Springer Optimization and Its Applications, 2017, , 57-86.	0.6	5
405	Hierarchical data-driven vehicle dispatch and ride-sharing. , 2017, , .		13
406	Vehicle Routing Problems with Fuel Consumption and Stochastic Travel Speeds. Mathematical Problems in Engineering, 2017, 2017, 1-16.	0.6	13
407	Machine Learning-Based Parameter Tuned Genetic Algorithm for Energy Minimizing Vehicle Routing Problem. Journal of Industrial Engineering, 2017, 2017, 1-13.	0.6	25
408	Clustering-Based Crossover in an Evolutionary Algorithm for the Vehicle Routing Problem with Time Windows. , 2017, , .		1
409	Improved artificial bee colony algorithm for vehicle routing problem with time windows. PLoS ONE, 2017, 12, e0181275.	1.1	17
410	Comparison study of metaheuristics. International Journal of Engineering Business Management, 2017, 9, 184797901774360.	2.1	11
411	Traveling Officer Problem: Managing Car Parking Violations Efficiently Using Sensor Data. IEEE Internet of Things Journal, 2018, 5, 802-810.	5.5	40
412	Relief materials vehicles planning in natural disasters. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 595-601.	8.5	7
413	Bound to help: cooperative manipulation of objects via compliant, unactuated tails. Autonomous Robots, 2018, 42, 1563-1582.	3.2	2

#	Article	IF	Citations
414	Cooperative multiple task assignment problem with stochastic velocities and time windows for heterogeneous unmanned aerial vehicles using a genetic algorithm. Aerospace Science and Technology, 2018, 76, 112-125.	2.5	78
415	Energy supply security for the Aegean islands: A routing model with risk and environmental considerations. Energy Policy, 2018, 113, 608-620.	4.2	14
416	Improving collection flows in a public postal network with contractor's obligation considerations. International Journal of Production Economics, 2018, 198, 79-92.	5.1	4
417	Controlling a Single Transport Robot in a Flexible Job Shop Environment by Hybrid Metaheuristics. Lecture Notes in Computer Science, 2018, , 93-115.	1.0	3
418	A survey of recent advances in vehicle routing problems. International Journal of Systems Assurance Engineering and Management, 2018, 9, 155-172.	1.5	34
419	The waterway ship scheduling problem. Transportation Research, Part D: Transport and Environment, 2018, 60, 191-209.	3.2	91
420	Multi-UAV Pre-Positioning and Routing for Power Network Damage Assessment. IEEE Transactions on Smart Grid, 2018, 9, 3643-3651.	6.2	66
421	An integrated algorithm for shift scheduling problems for local public transport companies. Omega, 2018, 75, 139-153.	3.6	21
422	A way to optimally solve a green time-dependent vehicle routing problem with time windows. Computational and Applied Mathematics, 2018, 37, 2766-2783.	1.3	6
423	A choice function hyper-heuristic framework for the allocation of maintenance tasks in Danish railways. Computers and Operations Research, 2018, 93, 15-26.	2.4	18
424	Collection and distribution of returned-remanufactured products in a vehicle routing problem with pickup and delivery considering sustainable and green criteria. Journal of Cleaner Production, 2018, 172, 960-970.	4.6	73
425	An investigation into many-objective optimization on combinatorial problems: Analyzing the pickup and delivery problem. Swarm and Evolutionary Computation, 2018, 38, 218-230.	4.5	22
426	Simplified Swarm Optimization for the Time Dependent Competitive Vehicle Routing Problem with Heterogeneous Fleet. , 2018, , .		1
427	Where's Pikachu: Route Optimization in Location-Based Games. , 2018, , .		6
428	A Two-Phase Heuristic Algorithm for the Problem of Scheduling and Vehicle Routing for Delivery of Medication to Patients. Mathematical Problems in Engineering, 2018, 2018, 1-12.	0.6	4
429	A Sustainable Vehicle Routing Problem for Indian Agri-Food Supply Chain Network Design. , 2018, , .		13
430	Rebalance Modern Bike Sharing System: Spatio-Temporal Data Prediction and Path Planning for Multiple Carriers. , 2018, , .		5
431	A New Cluster-Based Approach for the Vehicle Routing Problem with Time Windows. , 2018, , .		3

#	Article	IF	Citations
432	Efficient Golden-Ball Algorithm Based Clustering to solve the Multi-Depot VRP With Time Windows. International Journal of Applied Evolutionary Computation, 2018, 9, 1-16.	0.7	5
433	Comparison of Multiobjective Evolutionary Algorithms for Prioritized Urban Waste Collection in Montevideo, Uruguay. Electronic Notes in Discrete Mathematics, 2018, 69, 93-100.	0.4	27
434	Guaranteed Coverage with a Blind Unreliable Robot. , 2018, , .		2
435	Solving Dynamic Vehicle Routing Problem with Pickup and Delivery by CLARITY Method. , 2018, , .		3
436	Combining a hierarchical task network planner with a constraint satisfaction solver for assembly operations involving routing problems in a multi-robot context. International Journal of Advanced Robotic Systems, 2018, 15, 172988141878208.	1.3	5
437	Heuristics Algorithms for a Heterogeneous Fleets VRP with Excessive Demand for the Vehicle at the Pickup Points, and the Longest Traveling Time Constraint: A Case Study in Prasitsuksa Songkloe, Ubonratchathani Thailand. Logistics, 2018, 2, 15.	2.4	11
438	Advances in Soft Computing. Lecture Notes in Computer Science, 2018, , .	1.0	0
439	On the Many-Objective Pickup and Delivery Problem: Analysis of the Performance of Three Evolutionary Algorithms. Lecture Notes in Computer Science, 2018, , 69-81.	1.0	0
440	Green Vehicle Routing Problem: The Tradeoff between Travel Distance and Carbon Emissions. , 2018, , .		9
441	Solving a multi-objective location routing problem for infectious waste disposal using hybrid goal programming and hybrid genetic algorithm. International Journal of Industrial Engineering Computations, 2018, , 75-98.	0.4	16
442	HiperheurÃstica para el planeamiento del transporte pÃºblico. Entre Ciencia E IngenierÃa, 2018, 12, 103.	0.2	1
443	A stochastic time-dependent green capacitated vehicle routing and scheduling problem with time window, resiliency and reliability: a case study. Decision Science Letters, 2018, , 381-394.	0.5	18
444	Pickup and delivery of automobiles from warehouses to dealers. Transportation Research Part B: Methodological, 2018, 117, 412-430.	2.8	9
445	A Scalable Multi-Robot Task Allocation Algorithm. , 2018, , .		29
446	Robust Periodic Vehicle Routing Problem with Time Windows under Uncertainty: An Efficient Algorithm. KSCE Journal of Civil Engineering, 2018, 22, 4626-4634.	0.9	4
447	DRT route design for the first/last mile problem: model and application to Athens, Greece. Public Transport, 2018, 10, 499-527.	1.7	22
448	Hyper-Heuristics: Theory and Applications. Natural Computing Series, 2018, , .	2.2	74
449	A GRASP with efficient neighborhood search for the integrated maintenance and bus scheduling problem. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2018, 12, JAMDSM0072-JAMDSM0072.	0.3	0

#	Article	IF	Citations
450	Hybrid data mining heuristics for the heterogeneous fleet vehicle routing problem. RAIRO - Operations Research, 2018, 52, 661-690.	1.0	11
451	Allocating Multiple Types of Tasks to Heterogeneous Agents Based on the Theory of Comparative Advantage. Journal of Robotics, 2018, 2018, 1-18.	0.6	2
452	Combining variable neighborhood search with simulation for the inventory routing problem with stochastic demands and stock-outs. Computers and Industrial Engineering, 2018, 123, 278-288.	3.4	61
453	Optimizing Carpool Scheduling Algorithm through Partition Merging. , 2018, , .		14
454	Energy-efficient planning for supplying assembly lines with vehicles. EURO Journal on Transportation and Logistics, 2018, 7, 387-414.	1.3	8
455	Bilayer Local Search Enhanced Particle Swarm Optimization for the Capacitated Vehicle Routing Problem. Algorithms, 2018, 11, 31.	1.2	11
456	Modified Differential Evolution Algorithm Solving the Special Case of Location Routing Problem. Mathematical and Computational Applications, 2018, 23, 34.	0.7	17
457	Petrol truck scheduling optimization considering multi-path selection and congestion. , 2018, , .		4
458	A Data-Driven Three-Layer Algorithm for Split Delivery Vehicle Routing Problem with 3D Container Loading Constraint. , 2018, , .		13
459	Post-disaster transportation of seriously injured people to hospitals. Journal of Humanitarian Logistics and Supply Chain Management, 2018, 8, 227-251.	1.7	10
460	Vehicle routing problems with multiple trips. Annals of Operations Research, 2018, 271, 127-159.	2.6	36
461	Path planning method for on-machine inspection of aerospace structures based on adjacent feature graph. Robotics and Computer-Integrated Manufacturing, 2018, 54, 17-34.	6.1	18
462	FooDNet: Toward an Optimized Food Delivery Network Based on Spatial Crowdsourcing. IEEE Transactions on Mobile Computing, 2019, 18, 1288-1301.	3.9	72
463	Joint production and transportation scheduling in flexible manufacturing systems. Journal of Global Optimization, 2019, 74, 879-908.	1.1	54
464	Column generation for vehicle routing problems with multiple synchronization constraints. European Journal of Operational Research, 2019, 272, 699-711.	3.5	30
465	Alternative e-commerce delivery policies. EURO Journal on Transportation and Logistics, 2019, 8, 217-248.	1.3	10
466	An Experimental Study of Large-scale Capacitated Vehicle Routing Problems. , 2019, , .		2
467	A Route Search System Considering Urgency and Efficient Coverage Without Complete Information. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
468	A Novel Hybrid Metaheuristic for Solving Automobile Part Delivery Logistics With Clustering Customer Distribution. IEEE Access, 2019, 7, 106075-106091.	2.6	3
469	Continuous relaxations for the traveling salesman problem. Nonlinear Dynamics, 2019, 97, 2003-2022.	2.7	3
470	Neural-like encoding particle swarm optimization for periodic vehicle routing problems. Expert Systems With Applications, 2019, 138, 112833.	4.4	27
471	Technician teaming and routing with service-, cost- and fairness-objectives. Computers and Industrial Engineering, 2019, 135, 868-880.	3.4	13
472	Take the Field from your Smartphone: Leveraging UAVs for Event Filming. IEEE Transactions on Mobile Computing, 2019, , 1-1.	3.9	11
473	An Optimization Approach to the Ordering Phase of an Attended Home Delivery Service. Lecture Notes in Computer Science, 2019, , 208-224.	1.0	4
474	A metaheuristic method for the multireturn-to-depot petrol truck routing problem with time windows. Petroleum Science, 2019, 16, 701-712.	2.4	9
475	BEE-DRONES: Energy-efficient Data Collection on Wake-Up Radio-based Wireless Sensor Networks. , 2019, , .		18
476	Reliable Many-to-Many Routing in Wireless Sensor Networks Using Ant Colony Optimisation. , 2019, , .		2
477	An Evolutionary Algorithm with Heuristic Longest Cycle Crossover for Solving the Capacitated Vehicle Routing Problem. , 2019, , .		2
478	Quality of service objectives for vehicle routing problem with time windows. Applied Soft Computing Journal, 2019, 84, 105707.	4.1	12
479	Optimization of Multi-token Circulation with Master UAV Method in Multi-UAV Systems for Location Information Sharing. , 2019, , .		0
481	Milk-run routing and scheduling subject to different pick-up/delivery profiles and congestion-avoidance constraints. IFAC-PapersOnLine, 2019, 52, 313-320.	0.5	4
482	Fleet management for autonomous vehicles using flows in time-expanded networks. Top, 2019, 27, 288-311.	1.1	8
483	A robust approach for a green periodic competitive VRP under uncertainty: DE and PSO algorithms. Journal of Intelligent and Fuzzy Systems, 2019, 36, 5213-5225.	0.8	10
484	A Courier Service with Electric Bicycles in an Urban Area: The Case in Seoul. Sustainability, 2019, 11, 1255.	1.6	31
485	Towards Autonomous Robotic Systems. Lecture Notes in Computer Science, 2019, , .	1.0	1
487	A metaheuristic approach to solve Dynamic Vehicle Routing Problem in continuous search space. Swarm and Evolutionary Computation, 2019, 48, 44-61.	4.5	43

#	Article	IF	Citations
488	Using a permutation representation genetic algorithm to implement a complex pick up/drop off mathematical model. Applied Soft Computing Journal, 2019, 80, 810-819.	4.1	0
489	Variable Neighborhood Search. Lecture Notes in Computer Science, 2019, , .	1.0	13
490	A General Variable Neighborhood Search with Mixed VND for the multi-Vehicle multi-Covering Tour Problem. Lecture Notes in Computer Science, 2019, , 259-273.	1.0	1
491	Stochastic vehicle routing problem with heterogeneous vehicles and multiple prioritized time windows: Mathematical modeling and solution approach. Computers and Industrial Engineering, 2019, 131, 187-199.	3.4	53
492	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.	1.5	6
493	Multi-factorial evolutionary algorithm based novel solution approach for multi-objective pollution-routing problem. Computers and Industrial Engineering, 2019, 130, 757-771.	3.4	44
494	Last Mile Optimization for a Young 3PL Provider. , 2019, , .		0
495	Individually Optimized Commercial Road Transport: A Decision Support System for Customizable Routing Problems. Sustainability, 2019, 11, 5544.	1.6	2
496	Integrating internal and external container transportation under separation mode. , 2019, , .		0
497	A Hybrid Algorithm based on GWO and GOA for Cycle Traffic Light Timing Optimization. , 2019, , .		9
498	Hierarchical Vehicle Routing for Online Delivery Platform. , 2019, , .		0
499	A Multi-objective Swarm Intelligence Approach for Field Crews Patrol Optimization in Power Distribution Systems Restoration. IEEE Latin America Transactions, 2019, 17, 338-346.	1.2	5
500	A Reusable Scheduling Problem Decomposition Framework for Smart Factories. , 2019, , .		2
501	A Genetic Algorithm for the Two-Echelon Vehicle Routing Problem with Simultaneous Pickup and Delivery. , 2019, , .		1
502	A hybrid bat algorithm to solve the capacitated vehicle routing problem. , 2019, , .		7
503	Integrated scheduling of machines, AGVs and tools in multi-machine FMS using crow search algorithm. International Journal of Computer Integrated Manufacturing, 2019, 32, 1117-1133.	2.9	15
504	New construction heuristic algorithm for solving the vehicle routing problem with time windows. IET Collaborative Intelligent Manufacturing, 2019, 1, 90-96.	1.9	2
505	Distributed forecasting and ant colony optimization for the bike-sharing rebalancing problem with unserved demands. PLoS ONE, 2019, 14, e0226204.	1.1	12

#	Article	IF	Citations
506	Post-disaster multi-period road network repair: work scheduling and relief logistics optimization. Annals of Operations Research, 2019, 283, 1345-1385.	2.6	45
507	A Distributed Cluster-Based Approach for Pick-Up Services. IEEE Transactions on Automation Science and Engineering, 2019, 16, 960-971.	3.4	5
508	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.	3.4	37
509	Constrained Self-Adaptive Harmony Search Algorithm with 2-opt Swapping for Driver Scheduling Problem of University Shuttle Bus. Arabian Journal for Science and Engineering, 2019, 44, 3681-3698.	1.7	4
510	Mechanism design for first-mile ridesharing based on personalized requirements part II: Solution algorithm for large-scale problems. Transportation Research Part B: Methodological, 2019, 120, 172-192.	2.8	23
511	Integrated production and multiple trips vehicle routing with time windows and uncertain travel times. Computers and Operations Research, 2019, 103, 1-12.	2.4	39
512	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.	1.1	19
513	Operating cost and quality of service optimization for multi-vehicle-type timetabling for urban bus systems. Journal of Parallel and Distributed Computing, 2019, 133, 272-285.	2.7	21
514	A lexicographic approach for the bi-objective selective pickup and delivery problem with time windows and paired demands. Annals of Operations Research, 2019, 273, 237-255.	2.6	17
515	A variable neighborhood search simheuristic for the multiperiod inventory routing problem with stochastic demands. International Transactions in Operational Research, 2020, 27, 314-335.	1.8	59
516	Variable neighborhood search based approaches to a vehicle scheduling problem in agriculture. International Transactions in Operational Research, 2020, 27, 26-56.	1.8	10
517	Disturbance management for vehicle routing with time window changes. Operational Research, 2020, 20, 1093-1112.	1.3	3
518	A greedy approach for carpool scheduling optimisation in smart cities. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 535-549.	0.7	5
519	A multi-start ILSâ€"RVND algorithm with adaptive solution acceptance for the CVRP. Soft Computing, 2020, 24, 2941-2953.	2.1	9
520	An improved tabu search algorithm for the petrol-station replenishment problem with adjustable demands. Infor, 2020, 58, 17-37.	0.5	2
521	Efficient Routing for Precedence-Constrained Package Delivery for Heterogeneous Vehicles. IEEE Transactions on Automation Science and Engineering, 2020, 17, 248-260.	3.4	39
522	A bi-objective solution approach to a real-world waste collection problem. Journal of the Operational Research Society, 2020, 71, 183-194.	2.1	12
523	Helicopter routing model with non-deterministic failure rate for evacuation of multiple oil platforms. Computers and Industrial Engineering, 2020, 139, 105669.	3.4	4

#	Article	IF	Citations
524	The <i>r</i>â€interdiction selective multiâ€depot vehicle routing problem. International Transactions in Operational Research, 2020, 27, 835-866.	1.8	23
525	Optimisation of the multi-depots pick-up and delivery problems with time windows and multi-vehicles using PSO algorithm. International Journal of Production Research, 2020, 58, 4201-4214.	4.9	31
526	Modelling and Performance Analysis of Cyclic Systems. Studies in Systems, Decision and Control, 2020, , .	0.8	1
527	Joint optimization of maintenance planning and workforce routing for a geographically distributed networked infrastructure. IISE Transactions, 2020, 52, 732-750.	1.6	18
528	Quantum computing based hybrid solution strategies for large-scale discrete-continuous optimization problems. Computers and Chemical Engineering, 2020, 132, 106630.	2.0	91
529	A fuzzy optimization approach to the capacitated node-routing problem for municipal solid waste collection with multiple tours: A case study. Waste Management and Research, 2020, 38, 279-290.	2.2	17
530	Inventory routing and dynamic redistribution of relief goods in post-disaster operations. Computers and Industrial Engineering, 2020, 140, 106219.	3.4	34
531	Optimal Design of Feeder-Bus Network with Split Delivery. Journal of Transportation Engineering Part A: Systems, 2020, 146, 04019078.	0.8	4
532	Current and emerging formulations and models of real-life rich vehicle routing problems. , 2020, , 1-35.		1
533	Hybrid algorithms for rich vehicle routing problems: a survey. , 2020, , 157-184.		6
534	Optimization Models and Methods for Equilibrium Traffic Assignment. Springer Tracts on Transportation and Traffic, 2020, , .	0.2	8
535	Integrating first-mile pickup and last-mile delivery on shared vehicle routes for efficient urban e-commerce distribution. Transportation Research Part B: Methodological, 2020, 131, 26-62.	2.8	82
536	Intelligent logistics integration of internal and external transportation with separation mode. Transportation Research, Part E: Logistics and Transportation Review, 2020, 133, 101806.	3.7	19
537	Toward Fast and Optimal Robotic Pick-and-Place on a Moving Conveyor. IEEE Robotics and Automation Letters, 2020, 5, 446-453.	3.3	32
538	Hybrid multiobjective evolutionary algorithm with fast sampling strategy-based global search and route sequence difference-based local search for VRPTW. Expert Systems With Applications, 2020, 145, 113151.	4.4	29
539	A variable neighborhood search approach for the multi-compartment vehicle routing problem with time windows considering carbon emission. Journal of Cleaner Production, 2020, 277, 123932.	4.6	28
540	A Simheuristic Algorithm for Solving the Stochastic Omnichannel Vehicle Routing Problem with Pick-up and Delivery. Algorithms, 2020, 13, 237.	1.2	5
541	Peeking into the void: Digital twins for construction site logistics. Computers in Industry, 2020, 121, 103264.	5.7	94

#	Article	IF	Citations
542	Research on Vehicle Routes Optimization for Emergency Materials Distribution. Journal of Physics: Conference Series, 2020, 1622, 012075.	0.3	1
543	A variable neighborhood search algorithm with reinforcement learning for a real-life periodic vehicle routing problem with time windows and open routes. RAIRO - Operations Research, 2020, 54, 1467-1494.	1.0	24
544	A decomposition algorithm to solve dynamic city-scale ridesharing problem. IOP Conference Series: Materials Science and Engineering, 2020, 787, 012012.	0.3	0
545	A decision support model for robust allocation and routing of search and rescue resources after earthquake: a case study. Operational Research, 2022, 22, 1039-1081.	1.3	22
546	Distance discount in the green vehicle routing problem offered by external carriers. SN Applied Sciences, 2020, 2, 1.	1.5	2
547	Comparison of Exact and Approximate methods for the Vehicle Routing Problem with Time Windows. , 2020, , .		1
548	A Two-Phase Distributed Ruin-and-Recreate Genetic Algorithm for Solving the Vehicle Routing Problem With Time Windows. IEEE Access, 2020, 8, 169851-169871.	2.6	6
549	An Iterated Local Search Approach to Solve the Milk Collection Problem With Blending. , 2020, , .		2
550	Optimal Charging and Routing of Electric Vehicles With Power Constraints and Time-of-Use Energy Prices. IEEE Transactions on Vehicular Technology, 2020, 69, 14436-14447.	3.9	32
552	Model formulation and calibration procedure for integrated multi-modal activity routing and network assignment models. Transportation Research Part C: Emerging Technologies, 2020, 121, 102853.	3.9	6
553	Improving Just-in-Time Delivery Performance of IoT-Enabled Flexible Manufacturing Systems with AGV Based Material Transportation. Sensors, 2020, 20, 6333.	2.1	27
554	Applying artificial bee colony algorithm to the multidepot vehicle routing problem. Software - Practice and Experience, 2022, 52, 756-771.	2.5	14
555	Swarm intelligence-based hyper-heuristic for the vehicle routing problem with prioritized customers. Annals of Operations Research, 2022, 308, 549-570.	2.6	22
556	A trilevel r-interdiction selective multi-depot vehicle routing problem with depot protection. Computers and Operations Research, 2020, 123, 104996.	2.4	11
557	An effective real time GRASP-based metaheuristic: Application to order consolidation and dynamic selection of transshipment points for time-critical freight logistics. Expert Systems With Applications, 2020, 158, 113574.	4.4	5
558	Integrated optimization for feeder bus timetabling and procurement scheme with consideration of environmental impact. Computers and Industrial Engineering, 2020, 145, 106501.	3.4	19
559	A Savings-Based Heuristic for Solving the Omnichannel Vehicle Routing Problem with Pick-up and Delivery. Transportation Research Procedia, 2020, 47, 83-90.	0.8	5
560	Green vehicle routing and scheduling problem with heterogeneous fleet including reverse logistics in the form of collecting returned goods. Applied Soft Computing Journal, 2020, 94, 106462.	4.1	28

#	ARTICLE	IF	CITATIONS
561	A Decomposition-Based Local Search for Large-Scale Many-Objective Vehicle Routing Problems With Simultaneous Delivery and Pickup and Time Windows. IEEE Systems Journal, 2020, 14, 5253-5264.	2.9	9
562	Development and implementation of an autonomous control system for target-optimised use of intralogistics transport systems in the Learning Factory Werk 150 at Reutlingen University. Procedia Manufacturing, 2020, 45, 405-410.	1.9	8
563	Fast Planning for Joint Routing and Charging of Autonomous Drone Delivery System. , 2020, , .		2
564	A Model for Sustainable Courier Services: Vehicle Routing with Exclusive Lanes. Sustainability, 2020, 12, 1077.	1.6	5
565	Augmented Lagrangian relaxation approach for logistics vehicle routing problem with mixed backhauls and time windows. Transportation Research, Part E: Logistics and Transportation Review, 2020, 135, 101891.	3.7	35
566	A hybrid heuristic algorithm for cyclic inventory-routing problem with perishable products in VMI supply chain. Expert Systems With Applications, 2020, 153, 113322.	4.4	22
567	On the design of hybrid bio-inspired meta-heuristics for complex multiattribute vehicle routing problems. Expert Systems, 2020, 37, e12528.	2.9	4
568	Artificial Evolution. Lecture Notes in Computer Science, 2020, , .	1.0	0
569	Selective Vehicle Routing Problem: A Hybrid Genetic Algorithm Approach. Lecture Notes in Computer Science, 2020, , 148-161.	1.0	0
570	Event- and time-triggered dynamic task assignments for multiple vehicles. Autonomous Robots, 2020, 44, 877-888.	3.2	7
571	A Hybrid Swarm Intelligence Algorithm for Vehicle Routing Problem With Time Windows. IEEE Access, 2020, 8, 93882-93893.	2.6	25
572	A Robust Approach to the Capacitated Vehicle Routing Problem with Uncertain Costs. INFORMS Journal on Optimization, 2020, 2, 79-95.	0.9	9
573	Optimization of Many Objective Pickup and Delivery Problem with Delay Time of Vehicle Using Memetic Decomposition Based Evolutionary Algorithm. International Journal on Artificial Intelligence Tools, 2020, 29, 2050003.	0.7	8
574	An integrated (1, T) inventory policy and vehicle routing problem under uncertainty: an accelerated Benders decomposition algorithm. Transportation Letters, 2021, 13, 104-124.	1.8	4
575	Improved co-scheduling of multi-layer printing path scanning for collaborative additive manufacturing. IISE Transactions, 2021, 53, 960-973.	1.6	7
576	The Joint Network Vehicle Routing Game. Transportation Science, 2021, 55, 179-195.	2.6	9
577	A multiple ant colony system with random variable neighborhood descent for the dynamic vehicle routing problem with time windows. Soft Computing, 2021, 25, 2935-2948.	2.1	13
578	A review on sustainable urban vehicle routing. Journal of Cleaner Production, 2021, 285, 125444.	4.6	38

#	Article	IF	Citations
579	A new closed–open vehicle routing approach in stochastic environments. International Journal of Computer Mathematics: Computer Systems Theory, 2021, 6, 113-129.	0.7	1
580	Efficient Task Assignment for Multiple Vehicles With Partially Unreachable Target Locations. IEEE Internet of Things Journal, 2021, 8, 3730-3742.	5.5	10
581	Looking for Charizard: applying the orienteering problem to location-based games. Visual Computer, 2021, 37, 31-45.	2.5	5
582	Adaptive Iterated Local Search with Random Restarts for the Balanced Travelling Salesman Problem. Advances in Intelligent Systems and Computing, 2021, , 37-56.	0.5	0
583	Practical simultaneous scheduling of machines, AGVs, tool transporter and tools in a multi machine FMS using symbiotic organisms search algorithm. International Journal of Computer Integrated Manufacturing, 2021, 34, 153-174.	2.9	12
584	Flexible Delivery Routing for Elastic Logistics: A Model and an Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6864-6882.	4.7	5
585	A hybrid metaheuristic for solving asymmetric distance-constrained vehicle routing problem. Computational Social Networks, 2021, 8, .	2.1	6
586	Deep Reinforcement Learning Based Energy Efficient Multi-UAV Data Collection for IoT Networks. IEEE Open Journal of Vehicular Technology, 2021, 2, 249-260.	3.4	11
587	Joint optimization of production and routing master planning in mobile supply chains. Operations Research Perspectives, 2021, 8, 100187.	1.2	8
588	Hybrid Grey Wolf Optimizer for Vehicle Routing Problem with Multiple Time Windows. Lecture Notes in Computer Science, 2021, , 684-693.	1.0	0
589	Offline and Online UAV-Enabled Data Collection in Time-Constrained IoT Networks. IEEE Transactions on Green Communications and Networking, 2021, 5, 1918-1933.	3.5	27
590	An Integrated Model for Locating-Routing in the Goods Delivery and Simultaneous Pickup in the Urban Context. Lecture Notes in Computer Science, 2021, , 323-336.	1.0	0
591	A Building Information Model enabled Multiple Traveling Salesman Problem for building interior patrols. Advanced Engineering Informatics, 2021, 47, 101237.	4.0	11
592	Post-Disaster Distribution System Restoration With Logistics Support and Geographical Characteristics. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9011-9020.	4.7	3
593	An Integrated Heuristic Approach for the Long-Distance Heterogeneous Vehicle Routing Problem. Advances in Geospatial Technologies Book Series, 2021, , 20-48.	0.1	0
594	A Simulated Annealing Algorithm for Solving a Routing Problem in the Context of Municipal Solid Waste Collection. Communications in Computer and Information Science, 2021, , 63-76.	0.4	4
595	A Memetic Algorithm for an External Depot Production Routing Problem. Algorithms, 2021, 14, 27.	1.2	2
596	Network design for line-based autonomous bus services. Transportation, 2022, 49, 467-502.	2.1	7

#	Article	IF	Citations
597	Multiobjective fuzzy vehicle routing using Twitter data: Reimagining the delivery of essential goods. International Journal of Intelligent Systems, 2021, 36, 3566-3595.	3.3	15
599	Multiuser Data Dissemination in OFDMA System Based on Deep Q-Network. , 2021, , .		3
600	Feature Construction for Meta-heuristic Algorithm Recommendation of Capacitated Vehicle Routing Problems. ACM Transactions on Evolutionary Learning, 2021, 1, 1-28.	2.7	6
601	Heuristic Algorithms for Co-scheduling of Edge Analytics and Routes for UAV Fleet Missions. , 2021, , .		20
602	Evolutionary Optimization of Multirendezvous Impulsive Trajectories. International Journal of Aerospace Engineering, 2021, 2021, 1-19.	0.5	9
603	Learning Initialisation Heuristic for Large Scale Vehicle Routing Problem with Genetic Programming. , 2021, , .		1
604	An Evolutionary Hyper-Heuristic Approach to the Large Scale Vehicle Routing Problem. , 2021, , .		3
605	Disconnectivity-Aware Energy-Efficient Cargo-UAV Trajectory Planning with Minimum Handoffs. , 2021, , .		7
606	Simplified Swarm Optimization for the Heterogeneous Fleet Vehicle Routing Problem with Time-Varying Continuous Speed Function. Electronics (Switzerland), 2021, 10, 1775.	1.8	14
607	Freight delivery in a Physical Internet Supply Chain: an applied optimisation model with peddling and shipment consolidation. International Journal of Production Research, 2022, 60, 4995-5011.	4.9	14
608	Recolección de Residuos Tecnológicos aplicando Metaheurásticas. Informes Científicos Y Técnicos (Universidad Nacional De La Patagonia Austral), 2021, 13, 54-76.	0.1	0
609	An adaptive large neighborhood search for the multiple-day music rehearsal problems. Computers and Industrial Engineering, 2021, 157, 107279.	3.4	3
610	Fast, High-Quality Two-Arm Rearrangement in Synchronous, Monotone Tabletop Setups. IEEE Transactions on Automation Science and Engineering, 2021, 18, 888-901.	3.4	11
611	Multi-modal cargo logistics distribution problem: Decomposition of the stochastic risk-averse models. Computers and Operations Research, 2021, 131, 105280.	2.4	9
612	Methodology of Solving Selected Routing Problems. Mechanisms and Machine Science, 2022, , 85-103.	0.3	0
613	Fuzzy Simheuristics for Optimizing Transportation Systems: Dealing with Stochastic and Fuzzy Uncertainty. Applied Sciences (Switzerland), 2021, 11, 7950.	1.3	10
614	An effective hybrid-heuristic algorithm for urban traffic light scheduling. Neural Computing and Applications, 2021, 33, 17535-17549.	3.2	12
615	An Auction Bidding Approach to Balance Performance Bonuses in Vehicle Routing Problems with Time Windows. Sustainability, 2021, 13, 9430.	1.6	2

#	ARTICLE	IF	CITATIONS
616	NSGA-II with objective-specific variation operators for multiobjective vehicle routing problem with time windows. Expert Systems With Applications, 2021, 176, 114779.	4.4	42
617	Optimizing electric vehicle routing problems with mixed backhauls and recharging strategies in multi-dimensional representation network. Expert Systems With Applications, 2021, 176, 114804.	4.4	34
618	The aircraft runway scheduling problem: A survey. Computers and Operations Research, 2021, 132, 105336.	2.4	36
619	Combining production and distribution in supply chains: The hybrid flow-shop vehicle routing problem. Computers and Industrial Engineering, 2021, 159, 107486.	3.4	14
620	Optimizing the multiple trip vehicle routing plan for a licensee green tea dealer in Sri Lanka. Modern Supply Chain Research and Applications, 2021, ahead-of-print, .	1.8	1
621	The joint network vehicle routing game with optional customers. Computers and Operations Research, 2021, 133, 105375.	2.4	2
622	Genetic algorithm for a delivery problem with mixed time windows. Computers and Industrial Engineering, 2021, 159, 107478.	3.4	16
623	Time slot management in selective pickup and delivery problem with mixed time windows. Computers and Industrial Engineering, 2021, 159, 107512.	3.4	7
624	Integrated Outbound Vehicle Routing and Scheduling Problem at a Multi-Door Cross-Dock Terminal. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5599-5612.	4.7	6
625	Transfer-based customized modular bus system design with passenger-route assignment optimization. Transportation Research, Part E: Logistics and Transportation Review, 2021, 153, 102422.	3.7	40
626	Energy-Constrained Delivery of Goods With Drones Under Varying Wind Conditions. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6048-6060.	4.7	35
627	Hybrid Metaheuristics for Solving Vehicle Routing Problem in Multi Bulk Product Shipments with Limited Undedicated Compartments. International Journal of Intelligent Engineering and Systems, 2021, 14, 320-335.	0.8	0
628	A hybrid adaptive iterated local search with diversification control to the capacitated vehicle routing problem. European Journal of Operational Research, 2021, 294, 1108-1119.	3.5	30
629	A new hybrid matheuristic of GRASP and VNS based on constructive heuristics, set-covering and set-partitioning formulations applied to the capacitated vehicle routing problem. Expert Systems With Applications, 2021, 184, 115556.	4.4	9
630	A column generation tailored to electric vehicle routing problem with nonlinear battery depreciation. Computers and Operations Research, 2022, 137, 105527.	2.4	24
631	Visual attractiveness in vehicle routing via bi-objective optimization. Computers and Operations Research, 2022, 137, 105507.	2.4	3
632	Agile Computational Intelligence for Supporting Hospital Logistics During theÂCOVID-19 Crisis. Modeling and Optimization in Science and Technologies, 2021, , 383-407.	0.7	3
635	An Experimental Study of a Simple Ant Colony System for the Vehicle Routing Problem with Time Windows. Lecture Notes in Computer Science, 2002, , 53-64.	1.0	8

#	ARTICLE	IF	CITATIONS
637	Applications of Set Covering, Set Packing and Set Partitioning Models: A Survey. , 1998, , 573-746.		33
638	A Survey of Intelligent Scheduling Systems. , 1995, , 1-40.		6
639	Metaheuristic for the Vehicle Routing Problem with Time Windows. , 1999, , 19-36.		8
640	Introduction to Genetic Heuristics and Vehicle Routing Problems with Complex Constraints. Operations Research/ Computer Science Interfaces Series, 1998, , 253-286.	0.3	9
641	Multi-robot Multi-goal Motion Planning with Time and Resources. Lecture Notes in Computer Science, 2019, , 288-299.	1.0	2
642	Blockage-Free Route Planning for In-Plant Milk-Run Material Delivery Systems. Studies in Systems, Decision and Control, 2020, , 105-132.	0.8	3
643	Fast, High-Quality Dual-Arm Rearrangement in Synchronous, Monotone Tabletop Setups. Springer Proceedings in Advanced Robotics, 2020, , 778-795.	0.9	4
644	A Hybrid Brain Storm Optimization Algorithm for Dynamic Vehicle Routing Problem. Lecture Notes in Computer Science, 2020, , 251-258.	1.0	3
646	Environmental Sustainable Fleet Planning in B2C e-Commerce Urban Distribution Networks. Progress in IS, 2014, , 183-192.	0.5	4
647	New Lower Bounds on the Number of Vehicles for the Vehicle Routing Problem with Time Windows. Lecture Notes in Computer Science, 2014, , 422-437.	1.0	2
648	A Proposal of Good Practice in the Formulation and Comparison of Meta-heuristics for Solving Routing Problems. Advances in Intelligent Systems and Computing, 2014, , 31-40.	0.5	1
649	Heuristic Control of the Assembly Line. Advances in Intelligent Systems and Computing, 2015, , 189-198.	0.5	2
650	UCT-Based Approach to Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 679-690.	1.0	6
651	An Evolutionary Discrete Firefly Algorithm with Novel Operators for Solving the Vehicle Routing Problem with Time Windows. Studies in Computational Intelligence, 2016, , 21-41.	0.7	26
652	Charging and Routing Activity Scheduling to Prolong Sensor Network Lifetime. , 2016, , 607-644.		1
654	A Computational Study of Genetic Crossover Operators for Multi-Objective Vehicle Routing Problem with Soft Time Windows. , 2003, , 191-207.		4
655	Local Search in Two-Fold EMO Algorithm to Enhance Solution Similarity for Multi-objective Vehicle Routing Problems. , 2007, , 201-215.		12
656	The Real-Time Vehicle Routing Problem. , 2008, , 141-146.		3

#	Article	IF	Citations
657	A Decentralised Approach for the Transportation On Demand Problem. Understanding Complex Systems, 2009, , 281-289.	0.3	8
658	Development of a Genetic Algorithm for the Maritime Transportation Planning of Car Carriers. , 2011, , 481-488.		1
659	Solving an Arc-Routing Problem Using Artificial Ants with a Graph Transformation. Advances in Intelligent and Soft Computing, 2010, , 241-246.	0.2	2
660	Ant Colony Algorithm for Multiple-Depot Vehicle Routing Problem with Shortest Finish Time. Communications in Computer and Information Science, 2010, , 114-123.	0.4	6
663	Solving Heterogeneous Fleet Multiple Depot Vehicle Scheduling Problem as an Asymmetric Traveling Salesman Problem. Lecture Notes in Computer Science, 2011, , 98-109.	1.0	3
664	Hierarchical Multi-agent Distribution Planning. Lecture Notes in Computer Science, 2012, , 755-766.	1.0	4
665	Solving 3-Superstring in 3 n/3 Time. Lecture Notes in Computer Science, 2013, , 480-491.	1.0	2
666	MOEA/D for a Tri-objective Vehicle Routing Problem. IFIP Advances in Information and Communication Technology, 2013, , 131-140.	0.5	4
667	BDS: A system for the Bus Drivers' Scheduling problem integrating combinatorial optimization and logic programming. , 1988, , 68-82.		2
669	Vehicle Routing with Time Windows using Genetic Algorithms. , 1995, , .		85
671	Genetic Algorithm for Multi-Criteria Optimization of Multi-Depots Pick-up and Delivery Problems with Time Windows and Multi-Vehicles. Acta Polytechnica Hungarica, 2015, 12, .	2.5	4
672	The Pickup and Delivery Problem: a Many-objective Analysis. Research in Computing Science, 2015, 104, 51-60.	0.1	2
673	A GRASP-based Approach for Demand Responsive Transportation. International Journal of Transportation, 2014, 2, 21-32.	0.4	10
674	Multi-Objective Optimization for the m-PDPTW: Aggregation Method With Use of Genetic Algorithm and Lower Bounds. International Journal of Computers, Communications and Control, 2014, 6, 246.	1.2	10
675	Optimization of Wood Supply: The Forestry Routing Optimization Model. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20200263.	0.3	4
676	Some experiments with a savings heuristic and a tabu search approach for the vehicle routing problem with multiple deliverymen. Pesquisa Operacional, 2012, 32, 443-463.	0.1	7
678	Communal Transportation: Challenges for Largescale Routing Heuristics. SSRN Electronic Journal, 0, , .	0.4	1
679	El problema de ruteo de vehÃ¢culos [VRP] y su aplicaciÃ³n en medianas empresas colombianas. Ingenium, 2016, 10, 29.	0.2	2

#	ARTICLE	IF	CITATIONS
680	An improved Clarke and Wright savings algorithm for the capacitated vehicle routing problem. ScienceAsia, 2012, 38, 307.	0.2	51
681	The Optimization of Logistics Distribution Route Based on Dijkstra's Algorithm and C-W Savings Algorithm. , 2016, , .		4
682	Variants of VRP to Optimize Logistics Management Problems. , 2012, , 207-237.		6
683	A Two-stage Ant Colony Optimization Algorithm for the Vehicle Routing Problem with Time Windows. International Journal of Advancements in Computing Technology, 2012, 4, 485-491.	0.1	9
684	A Survey on the Vehicle Routing Problem and Its Variants. Intelligent Information Management, 2012, 04, 66-74.	0.3	188
685	Multi-Objective Distribution Model and Algorithm for Online Shopping Express Logistics. Journal of Computers, 2013, 8, .	0.4	5
686	Research of Multi-Depot Vehicle Routing Problem by Cellular Ant Algorithm. Journal of Computers, 2013, 8, .	0.4	2
687	Selecting Genetic Operators to Maximise Preference Satisfaction in a Workforce Scheduling and Routing Problem. , 2017, , .		3
689	A Tabu Search Approach to the Strategic Airlift Problem. , 2007, 12, 59-79.		3
690	The life and times of the Savings Method for Vehicle Routing Problems. ORiON, 2011, 25, .	0.3	17
691	MULTI-OBJECTIVE OPTIMIZATION OF VEHICLE ROUTING PROBLEM USING EVOLUTIONARY ALGORITHM WITH MEMORY. Computer Science, 2017, 18, 271.	0.4	1
692	Sequential Simulated Annealing for the Vehicle Routing Problem with Time Windows. Decision Making in Manufacturing and Services, 2013, 3, 87-100.	0.2	6
693	Insight from data analytics in a facilities management company. Quality and Reliability Engineering International, 2022, 38, 1416-1440.	1.4	3
694	The stochastic location-routing-inventory problem of perishable products with reneging and balking. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	18
695	Integrated simultaneous scheduling of machines, automated guided vehicles and tools in multi machine flexible manufacturing system using symbiotic organisms search algorithm. Journal of Industrial and Production Engineering, 0, , 1-23.	2.1	4
696	Minimizing the total completion time on a multi-machine FMS using flower pollination algorithm. Soft Computing, 0, , 1.	2.1	6
699	Optimal Multicast Loop Algorithm for Multimedia Traffic Distribution. Lecture Notes in Computer Science, 2005, , 1099-1106.	1.0	2
701	AN IMPROVED GENETIC ALGORITHM FOR SOLVING THE VEHICLE ROUTING PROBLEM WITH TIME WINDOWS. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
702	Least Cost Multicast Loop Algorithm for Local Computer Network. Lecture Notes in Computer Science, 2005, , 99-104.	1.0	0
703	Towards Self-organizing Distribution Structures for Streaming Media. Lecture Notes in Computer Science, 2006, , 1825-1842.	1.0	0
704	Virus Evolution Strategy for Vehicle Routing Problems with Time Windows. Lecture Notes in Computer Science, 2008, , 1041-1050.	1.0	2
705	Evolution of Inductive Self-organizing Networks. Studies in Computational Intelligence, 2008, , 109-128.	0.7	1
706	Maritime Transportation Planning Support System for a Car Shipping Company. Journal of Navigation and Port Research, 2008, 32, 295-304.	0.1	2
707	Ein prozess- und objektorientiertes Modellierungskonzept fÃ¼r praxisnahe Rich Vehicle Routing Problems. , 2009, , 153-179.		0
708	Exploiting Fruitful Regions in Dynamic Routing Using Evolutionary Computation. Studies in Computational Intelligence, 2009, , 131-149.	0.7	0
709	Dealing with Uncertainty in Operational Transport Planning. , 2010, , 349-375.		3
710	A Heuristic for Heterogeneous Capacitated Pick-up and Delivery Logistics Problems with Time Windows in Agile Manufacturing and the Distribution Supply Chain. , 2010, , 311-331.		0
711	Ã—koeffiziente Tourenplanung durch Konsolidierung von WarenstrÃ¶men. , 2010, , 115-138.		0
712	A Comparison of Recombination Operators for Capacitate Vehicle Routing Problem. Inteligencia Artificial, 2010, 14, .	0.5	2
713	An Ant Colony Optimization Heuristic to solve the VRP with Time Window. The KIPS Transactions PartB, 2010, 17B, 389-398.	0.1	0
714	Maritime Transportation Planning of a Car Shipping Company using Genetic Algorithm. Journal of Navigation and Port Research, 2010, 34, 649-657.	0.1	0
715	A Branch-and-price Algorithm for the Vehicle Routing Problem with Time Dependent Travel Times. Journal of Korean Institute of Industrial Engineers, 2011, 37, 144-152.	0.1	1
716	Ant Colony Optimization for Collaborative Vehicle Routing Management. Korean Journal of Logistics, 2011, 19, 125-138.	0.3	0
717	Logistics for the Garbage Collection through the use of Ant Colony Algorithms. , 2012, , 33-51.		0
718	Research on Agent System for Dynamic Maritime Transportation Planning. The Journal of Information Systems, 2012, 21, 185-199.	0.0	0
719	Vehicle Routing. , 2013, , 1610-1618.		0

#	ARTICLE	IF	CITATIONS
720	Variable Neighborhood Search with Path-Relinking for the Capacitated Location Routing Problem. , 2013, , 279-286.		0
721	Optimization of Library Distribution Network of Singapore. , 2013, , 1077-1086.		0
722	Logistics for the Garbage Collection through the use of Ant Colony Algorithms. , 2013, , 1809-1827.		1
723	Conception and implementation of centralized and dynamic VPN services. Contemporary Engineering Sciences, 0, 6, 135-142.	0.2	0
724	Constraint Cellular Ant Algorithm for the Multi-Objective Vehicle Routing Problem. Journal of Software, 2013, 8, .	0.6	3
726	Different versions of the savings method for the time limited vehicle routing problem. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2013, 60, 171-178.	0.2	2
728	A New Genetic Algorithm for the Capacity Constraints Vehicle Routing Problem. Advances in Applied Mathematics, 2014, 03, 222-230.	0.0	2
729	Improved Grouping Genetic Algorithm for the Pickup and Delivery Problem with Time Windows. , 0, , .		1
731	Ãœberblick Ã¼ber anwendungsbezogene VerÃ¶ffentlichungen. , 1992, , 159-196.		0
732	Expert Systems for Vehicle Scheduling. , 1992, , 215-225.		1
733	Zwei Evolutionsstrategien fÃ¼r das Standardproblem der Tourenplanung mit Zeitfensterrestriktionen. , 1998, , 233-250.		0
734	Eine Evolutionsstrategie fÃ¼r das Standardproblem der Tourenplanung mit Zeitfensterrestriktionen. Operations Research Proceedings: Papers of the Annual Meeting = VortrÃ¤ge Der Jahrestagung / DGOR, 1998, , 545-550.	0.1	0
735	Ein Simulated-Annealing-Verfahren fÃ¼r das Standardproblem der Tourenplanung mit Zeitfensterrestriktionen. , 1999, , 483-492.		0
737	Algoritmos multirecombinativos aplicados al problema de ruteo de vehÃculos. Informes CientÃficos Y TÃ©cnicos (Universidad Nacional De La Patagonia Austral), 2014, 5, 30-48.	0.1	0
739	ADAPTAÃ‡ÃƒO DA METAHEURÃSTICAS GRASP COMO ALTERNATIVA PARA MELHORAR O DESEMPENHO DA LOGÃSTICA APLICADA AO E-COMMERCE. Holos, 0, 5, 320.	0.0	0
740	TSP in Partitioning with Tabu Search. Lecture Notes in Computer Science, 2015, , 407-421.	1.0	0
742	Optimization and Simulation of Fuel Distribution. Case Study: Mexico City. , 2017, , 249-282.		0
743	The inhibiting factors of the marketing development of medical devices. , 2017, , .		0

#	Article	IF	Citations
744	A New Multi-Criteria Solving Procedure for Multi-Depot FSM-VRP with Time Window. International Journal of Applied Industrial Engineering, 2017, 4, 1-18.	0.5	2
745	An Ant Colony Algorithm for Capacitated Vehicle Routing Problem. , 2017, , .		1
746	Why to Climb If One Can Jump: A Hill Jumping Algorithm for the Vehicle Routing Problem with Time Windows. Computational Methods in Applied Sciences (Springer), 2018, , 87-96.	0.1	0
747	Vehicle Routing Model and Algorithm Study for the Network of Container Transportation with Dumping Trailers Under Hard Time Window Constraint. Lecture Notes in Electrical Engineering, 2018, , 587-596.	0.3	0
748	Comparative analysis of granular neighborhoods in a Tabu Search for the vehicle routing problem with heterogeneous fleet and variable costs (HFVRP). Revista Facultad De Ingeniería, 2017, 26, 93-104.	0.0	2
749	Micro Rapid Mapping: Automatic UAV-based Remote Sensing for Chemical Emergencies. GI_Forum, 0, 1, 90-104.	0.2	0
750	A Study on Air Force Air Transport Route Optimization Using Agent-Based Modeling. Korean Journal of Logistics, 2018, 26, 59-76.	0.3	0
752	Zaman pencereli araç rotalama problemi çözümü için çok amaçlı genetik algoritma yaklaşımı. Gazi Üniversitesi Fen Bilimleri Dergisi, 2018, 6, 774-786.	0.2	3
753	AFET SONRASI YARDIM MALZEMESİ DAĞITIMI İÇİN ROTA ÜRETME-ELEME ALGORİTMASI VE TAMSAYILI PROGRAMLAMA KULLANIMI. Uludağ University Journal of the Faculty of Engineering, 2018, 23, 27-40.	0.2	3
754	An Integrated Algorithm for Shift Scheduling Problems for Local Public Transport Companies. AIRO Springer Series, 2019, , 191-206.	0.4	0
755	Design and Development of an Industrial Solver for Integrated Planning of Production and Logistics. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	0
756	Local Search Heuristics-Based Genetic Algorithm for Capacitated Vehicle Routing Problem. Lecture Notes on Multidisciplinary Industrial Engineering, 2019, , 909-919.	0.4	0
757	Modelling City Logistics Scenarios in Ecuadorian Big Cities Based on Multi-Objective Two-Echelon Vehicle Routing Problems. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 68-97.	0.3	0
758	Multi-objective Optimization of Vehicle Routing with Environmental Penalty. Communications in Computer and Information Science, 2019, , 147-162.	0.4	2
759	Efficient Strategy based on Improved Biogeography-based Algorithm for Inventory Routing problem. Journal of Geospatial Information Technology, 2019, 7, 169-191.	0.2	0
760	Eş Zamanlı Topla Dağıt Araç Rotalama Problemi için İki Aşamalı Bir Çözüm Yöntemi Önerisi. International Journal of Advances in Engineering and Pure Sciences, 0, , .	0.2	2
761	ZAMAN PENCERELİ BÖLÜNMÜŞ-DAĞITIMLI ARAÇ ROTALAMA İLE AFET SONRASI YARDIM MALZEMESİ DAĞITIMI PLANLAMASI. Uludağ University Journal of the Faculty of Engineering, 2019, 24, 127-146.	0.2	1
762	Intelligent Trash Bin Management System â€" Initial Design and Implementation. Lecture Notes in Electrical Engineering, 2020, , 165-179.	0.3	0

#	ARTICLE	IF	CITATIONS
763	A GENETIC ALGORITHM FOR A MULTI-PRODUCT DISTRIBUTION PROBLEM. International Journal for Quality Research, 2019, 13, 901-914.	0.5	0
764	Transportation Processes Modelling in Congested Road Networks. Springer Tracts on Transportation and Traffic, 2020, , 179-204.	0.2	0
765	Improved Simulated Annealing Algorithm for Vehicle Routing Problem with Multiple Time Windows using Column Generation. , 2020, , .		0
766	Mathematical models for the periodic vehicle routing problem with time windows and time spread constraints. International Journal of Optimization and Control: Theories and Applications, 2020, 11, 10-23.	0.8	1
767	Optimization of the distance-constrained multi-based multi-UAV routing problem with simulated annealing and local search-based matheuristic to detect forest fires: The case of Turkey. Applied Soft Computing Journal, 2021, 113, 108015.	4.1	12
768	Time-Dependent Green Vehicle Routing Problem. , 2020, , 177-211.		0
769	Integrated Decision Support System for intermodal freight transport of China-Europe railway network. , 2020, , 667-683.		0
770	Adaptive Search Space through Evolutionary Hyper-Heuristics for the Large-Scale Vehicle Routing Problem. , 2020, , .		3
771	Energy-Efficient Multi-UAV Data Collection for IoT Networks with Time Deadlines. , 2020, , .		23
772	On the Scarcity of Observations when Modelling Random Inputs and the Quality of Solutions to Stochastic Optimisation Problems. , 2020, , .		0
773	VRP with Flexible Time Windows Using the ALNS Metaheuristic Algorithm. Springer Proceedings in Mathematics and Statistics, 2021, , 1-12.	0.1	0
774	Integrated Inbound Vehicle Routing and Scheduling Under a Fixed Outbound Schedule at a Multi-Door Cross-Dock Terminal. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13217-13229.	4.7	3
775	Solving a Bi-Objective Rich Vehicle Routing Problem with Customer Prioritization. Lecture Notes in Computer Science, 2020, , 183-199.	1.0	1
776	Solving a Real-World Multi-attribute VRP Using a Primal-Based Approach. Lecture Notes in Computer Science, 2020, , 286-296.	1.0	0
777	Optimization Approaches for a Home Healthcare Routing and Scheduling Problem. Advances in Logistics, Operations, and Management Science Book Series, 2020, , 75-101.	0.3	0
778	A novel fuzzy bi-objective vehicle routing and scheduling problem with time window constraint for a distribution system: A case study. Scientia Iranica, 2020, .	0.3	0
779	Electric bus planning & scheduling: A review of related problems and methodologies. European Journal of Operational Research, 2022, 301, 395-413.	3.5	72
780	The Vehicle Routing Problem: State-of-the-Art Classification and Review. Applied Sciences (Switzerland), 2021, 11, 10295.	1.3	28

#	Article	IF	Citations
781	A Comparison of Destination Clustering using Density-based Algorithm on The Trip Planning Optimization for Last-Mile Parcel Delivery. , 2020, , .		0
782	Routing Solutions for the Service Industry. , 0, , 46-78.		0
785	Efficient Algorithms for Caregiver Routing and Scheduling in Home Health Care Services. , 2021, , .		1
786	Communication-Aware Consensus-Based Decentralized Task Allocation in Communication Constrained Environments. IEEE Access, 2022, 10, 19753-19767.	2.6	7
787	Routing in waste collection: A simulated annealing algorithm for an Argentinean case study. Mathematical Biosciences and Engineering, 2021, 18, 9579-9605.	1.0	10
788	An Embedded Hamiltonian Graph-Guided Heuristic Algorithm for Two-Echelon Vehicle Routing Problem. IEEE Transactions on Cybernetics, 2022, 52, 5695-5707.	6.2	6
789	Extremely Fast â€œSolutionâ€•to the Large-Scale and Very Large-Scale Vehicle Routing Problem. International Journal of Transportation Engineering and Technology, 2021, 7, 97.	0.6	0
790	Sustainable Waste Collection Vehicle Routing Problem for COVID-19. Intelligent Automation and Soft Computing, 2022, 33, 457-472.	1.6	2
791	An agent-based optimisation approach for vehicle routing problem with unique vehicle location and depot. Expert Systems With Applications, 2022, 192, 116370.	4.4	5
792	Improved Genetic Algorithm for Emergency Materials Vehicle Routes Optimization. , 2020, , .		1
793	Ant Colony-based Tabu List Optimization for Minimizing the Number of Vehicles in Vehicle Routing Problem with Time Window Constraints. EAI Endorsed Transactions on Context-aware Systems and Applications, 2020, 7, 166041.	0.1	0
794	Review of Power Emergency Repair Strategy after Typhoon Disaster. , 2020, , .		0
795	Modified Fuzzy C-Means Clustering Approach to Solve the Capacitated Vehicle Routing Problem. , 2020, , .		1
796	Scheduling by NSGA-II: Review and Bibliometric Analysis. Processes, 2022, 10, 98.	1.3	34
797	Swarm Robots Cooperative and Persistent Distribution Modeling and Optimization Based on the Smart Community Logistics Service Framework. Algorithms, 2022, 15, 39.	1.2	6
798	Multi-objective vehicle routing problem with flexible scheduling for the collection of refillable glass bottles: A case study. EURO Journal on Decision Processes, 2022, 10, 100011.	1.8	5
799	Variable Neighborhood Search for the Two-Echelon Electric Vehicle Routing Problem with Time Windows. Applied Sciences (Switzerland), 2022, 12, 1014.	1.3	7
800	Decomposition of the vehicle routing problem with time windows on the time dimension. Transportation Research Procedia, 2022, 62, 131-138.	0.8	2

#	ARTICLE	IF	CITATIONS
801	Hybrid GRASP+VND for Flexible Vehicle Routing in Smart Cities. Communications in Computer and Information Science, 2022, , 240-255.	0.4	0
802	Routing of vehicles by intelligent algorithms in the matter of transporting goods. , 2022, , .		1
803	Advanced Phasmatodea Population Evolution Algorithm for Capacitated Vehicle Routing Problem. Journal of Advanced Transportation, 2022, 2022, 1-20.	0.9	3
804	Dual-arm Robot Fast Pick-and-Place on a Moving Conveyor. Journal of Physics: Conference Series, 2022, 2216, 012025.	0.3	0
805	A Cross-Regional Scheduling Strategy of Waste Collection and Transportation Based on an Improved Hierarchical Agglomerative Clustering Algorithm. Computational Intelligence and Neuroscience, 2022, 2022, 1-17.	1.1	2
806	A new robust optimization model for relief logistics planning under uncertainty: a real-case study. Soft Computing, 2022, 26, 3883-3901.	2.1	14
807	Optimum scheduling of machines, automated guided vehicles and tools without tool delay in a multiâ€machine flexible manufacturing system using symbiotic organisms search algorithm. Concurrency Computation Practice and Experience, 0, , .	1.4	2
808	Computational Approaches for Grocery Home Delivery Services. Algorithms, 2022, 15, 125.	1.2	4
809	Modelling and optimization of material flows in the wood pellet supply chain. Applied Energy, 2022, 313, 118776.	5.1	14
810	A hybrid algorithm for the Vehicle Routing Problem with AND/OR Precedence Constraints and time windows. Computers and Operations Research, 2022, 143, 105766.	2.4	4
811	Road-network aware Dynamic Workload Balancing Technique for Real-time Route Generation in On-Demand Public Transit. , 2021, , .		0
813	Last-Mile Delivery of Pharmaceutical Items to Heterogeneous Healthcare Centers with Random Travel Times and Unpunctuality Fees. , 2021, , .		0
814	Vehicle scheduling for rental-with-driver services. Transportation Research, Part E: Logistics and Transportation Review, 2021, 156, 102530.	3.7	4
815	Logistics Engineering Handbook. , 2007, , .		9
816	Complexity of the Police Officer Patrol Problem. Journal of Information Processing, 2022, 30, 307-314.	0.3	0
817	Location Planning of Charging Stations for Electric Buses in Public Transport Considering Vehicle Scheduling: A Variable Neighborhood Search Based Approach. Applied Sciences (Switzerland), 2022, 12, 3855.	1.3	5
826	An Online Decision-Making Strategy for Routing of Electric Vehicle Fleets. SSRN Electronic Journal, 0, , .	0.4	0
827	A hybrid metaheuristic algorithm based on iterated local search for vehicle routing problem with simultaneous pickup and delivery. Expert Systems With Applications, 2022, 202, 117401.	4.4	17

#	Article	IF	Citations
828	Solving Vehicle Routing Problem Using Quantum Approximate Optimization Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7564-7573.	4.7	21
829	Task Scheduling in Three-Dimensional Spatial Crowdsourcing: A Social Welfare Perspective. IEEE Transactions on Mobile Computing, 2022, , 1-1.	3.9	0
830	A Systematic Literature Review of Quantum Computing for Routing Problems. IEEE Access, 2022, 10, 55805-55817.	2.6	18
831	Community logistics: a dynamic strategy for facilitating immediate parcel delivery to smart lockers. International Journal of Production Research, 2023, 61, 2937-2962.	4.9	4
832	Hybrid metaheuristics for the integrated and detailed scheduling of production and delivery operations in no-wait flow shop systems. Computers and Industrial Engineering, 2022, 170, 108255.	3.4	7
834	Elderly on-demand transport in the Czech Republic: A case study. , 2022, , .		0
835	A multi-objective centralised agent-based optimisation approach for vehicle routing problem with unique vehicles. Applied Soft Computing Journal, 2022, 125, 109187.	4.1	6
836	An Overview and Experimental Study of Learning-Based Optimization Algorithms for the Vehicle Routing Problem. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1115-1138.	8.5	32
837	Hybrid multiobjective evolutionary algorithm considering combination timing for multi-type vehicle routing problem with time windows. Computers and Industrial Engineering, 2022, 171, 108435.	3.4	10
838	Public transport timetable and charge optimization using multiple electric buses types. , 2022, , .		2
839	Transformer-Based Reinforcement Learning for Pickup and Delivery Problems With Late Penalties. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 24649-24661.	4.7	8
840	Minimizing earliness-tardiness costs in supplier networksâ€"A just-in-time truck routing problem. European Journal of Operational Research, 2023, 306, 707-741.	3.5	5
841	The Two Echelon Open Vehicle Routing Problem: Optimization of Crowdshipping Based Parcel Delivery. KSCE Journal of Civil Engineering, 2022, 26, 4073-4085.	0.9	3
842	Attended home delivery under uncertain travel and response time: a case of Indian public distribution system. Kybernetes, 2022, ahead-of-print, .	1.2	1
843	Concurrent scheduling of machines and agvs in multi-machine fms with alternative routing using symbiotic organisms search. Journal of Advanced Manufacturing Systems, 0, , .	0.4	1
844	Parallel scheduling of machines, tool transporter and tools in a multi machine fms with alternative routing using flower pollination algorithm. Journal of Advanced Manufacturing Systems, 0, , .	0.4	0
845	Adjusting the order crossover operator for capacitated vehicle routing problems. Computers and Operations Research, 2022, 148, 105986.	2.4	2
846	Development of scheduling methodology in a multi-machine flexible manufacturing system without tool delay employing flower pollination algorithm. Engineering Applications of Artificial Intelligence, 2022, 115, 105275.	4.3	6

#	Article	IF	Citations
847	Solving a School Bus Routing Problem in Rural Areas: An Application in Brazil. Lecture Notes in Computer Science, 2022, , 162-176.	1.0	1
848	A Reactive GRASP Algorithm for the Multi-depot Vehicle Routing Problem. Lecture Notes in Computer Science, 2022, , 81-96.	1.0	0
849	A reinforcement learning-Variable neighborhood search method for the capacitated Vehicle Routing Problem. Expert Systems With Applications, 2023, 213, 118812.	4.4	16
850	Solving a Vehicle Routing Problem with uncertain demands and adaptive credibility thresholds. , 2022, , .		0
851	The ridesharing problem without predetermined drivers and riders: formulation and heuristic. Transportation Letters, 2023, 15, 969-979.	1.8	3
852	Designing an efficient vaccine supply chain network using a two-phase optimization approach: a case study of COVID-19 vaccine. International Journal of Systems Science: Operations and Logistics, 2023, 10, .	2.0	2
853	A hybrid particle swarm optimization and simulated annealing algorithm for the job shop scheduling problem with transport resources. European Journal of Operational Research, 2023, 306, 1140-1157.	3.5	44
854	Closed-loop Inventory Routing Problem for Perishable Food with Multi-type Returnable Transport Items. IFAC-PapersOnLine, 2022, 55, 2828-2833.	0.5	2
855	Improved chemical reaction optimization for distributed flexible job shop problem with transportation times. IFAC-PapersOnLine, 2022, 55, 1249-1254.	0.5	3
856	Solving Large Scale Vehicle Routing Problems with Hard Time Windows under Travel Time Uncertainty. IFAC-PapersOnLine, 2022, 55, 233-238.	0.5	0
857	A Variable Neighbourhood Search-Based Algorithm for the Transit Route Network Design Problem. Applied Sciences (Switzerland), 2022, 12, 10232.	1.3	4
858	Flows of Substances in Networks and Network Channels: Selected Results and Applications. Entropy, 2022, 24, 1485.	1.1	3
859	Combining hybrid genetic search with ruin-and-recreate for solving the capacitated vehicle routing problem. Journal of Heuristics, 2022, 28, 653-697.	1.1	4
860	Decomposition-Based Lin–Kernighan Heuristic With Neighborhood Structure Transfer for Multi/Many-Objective Traveling Salesman Problem. IEEE Transactions on Evolutionary Computation, 2023, 27, 1604-1617.	7.5	4
861	The vehicle routing problem with simultaneous pickup and delivery and occasional drivers. Expert Systems With Applications, 2023, 214, 119118.	4.4	8
862	An am-TSPTW transformation and a RTS algorithm for commodity selection and vehicle routing planning in full truckload industry. , 2022, , .		0
863	Designing a Sustainable Bus Transport System with High QoS Using Computational Intelligence. , 2022, , .		0
864	Metaheuristic approaches for the green vehicle routing problem. Yugoslav Journal of Operations Research, 2022, , 16-16.	0.5	0

#	ARTICLE	IF	CITATIONS
865	Joint pre- and post-disaster planning to enhance the resilience of critical infrastructures. Reliability Engineering and System Safety, 2023, 231, 109023.	5.1	6
866	Door-to-Door Sampling Service withÂDrone. Communications in Computer and Information Science, 2022, , 163-175.	0.4	0
867	Two evolutionary approaches with objective-specific variation operators for vehicle routing problem with time windows and quality of service objectives. Applied Soft Computing Journal, 2023, 134, 109964.	4.1	3
868	Systematic Review of the Latest Scientific Publications on the Vehicle Routing Problem. Asia-Pacific Journal of Operational Research, 2023, 40, .	0.9	1
869	A Tailored Meta-Heuristic for the Autonomous Electric Vehicle Routing Problem Considering the Mixed Fleet. IEEE Access, 2023, 11, 8207-8222.	2.6	4
870	An online decision-making strategy for routing of electric vehicle fleets. Information Sciences, 2023, 625, 715-737.	4.0	6
871	A robust algorithm based on Differential Evolution with local search for the Capacitated Vehicle Routing Problem. Swarm and Evolutionary Computation, 2023, 77, 101245.	4.5	16
872	Nature-Inspired Optimal Route Network Design for Shared Autonomous Vehicles. Vehicles, 2023, 5, 24-40.	1.7	2
873	A Review of Vehicle Routing Problem Based on RL and DRL. Lecture Notes in Electrical Engineering, 2023, , 116-122.	0.3	1
874	Modeling and Solving a Bus University Routing Problem. , 2022, , .		0
875	A mixed closed-open multi-depot routing and scheduling problem for homemade meal delivery incorporating drone and crowd-sourced fleet: A self-adaptive hyper-heuristic approach. Engineering Applications of Artificial Intelligence, 2023, 120, 105876.	4.3	4
876	A Two-stage Learning-based method for Large-scale On-demand pickup and delivery services with soft time windows. Transportation Research Part C: Emerging Technologies, 2023, 151, 104122.	3.9	3
877	Route Optimization of Electric Vehicles Based on Reinsertion Genetic Algorithm. IEEE Transactions on Transportation Electrification, 2023, 9, 3753-3768.	5.3	1
878	Horizontal Cooperation in Subcontracting: A Case Study in Home Textile Industry. Mathematical Problems in Engineering, 2023, 2023, 1-13.	0.6	0
879	A Radial Hybrid Estimation of Distribution Algorithm for the Truck and Trailer Routing Problem. Mathematical and Computational Applications, 2023, 28, 27.	0.7	0
880	Transportprobleme. , 2023, , 47-77.		0
881	Tabu Search withÂMultiple Decision Levels forÂSolving Heterogeneous Fleet Pollution Routing Problem. Lecture Notes in Computer Science, 2023, , 61-75.	1.0	0
882	Integrating Both Routing and Scheduling Into Motion Planner for Multivehicle System. Canadian Journal of Electrical and Computer Engineering, 2023, 46, 56-68.	1.5	3

#	ARTICLE	IF	CITATIONS
883	A review on learning to solve combinatorial optimisation problems in manufacturing. IET Collaborative Intelligent Manufacturing, 2023, 5, .	1.9	4
884	Heuristics for Multi-Vehicle Routing Problem Considering Human-Robot Interactions. IEEE Transactions on Intelligent Vehicles, 2023, 8, 3228-3238.	9.4	2
885	Last-Mile Logistics Network Design under E-Cargo Bikes. Future Transportation, 2023, 3, 403-416.	1.3	4
886	Efficient metaheuristics for the home (health)-care routing and scheduling problem with time windows and synchronized visits. Optimization Letters, 0, , .	0.9	0
891	Distributed, Classical andÂFlexible JobÂShop Scheduling Problem withÂTransportation Times: AÂState-of-the-Art. Smart Innovation, Systems and Technologies, 2023, , 129-138.	0.5	0
892	Territorial Design and Vehicle Routing Problem Applied to the Population Census as a Case Study. Lecture Notes in Networks and Systems, 2023, , 404-415.	0.5	0
903	Learning to Select Initialisation Heuristic for Vehicle Routing Problems. , 2023, , .		1
908	A heuristic algorithm for aircraft landing scheduling problem. , 2023, , .		0
918	Genetic Algorithm-based AUV Mission Optimisation With Energy and Priority Constraints. , 2023, , .		0
919	An Hybrid NSGA-II Algorithm forÂtheÂBi-objective Mobile Mammography Unit Routing Problem. Lecture Notes in Computer Science, 2023, , 339-351.	1.0	0
924	Aerial Vehicle Routing and Scheduling for UAS Traffic Management: A Hybrid Monte Carlo Tree Search Approach. , 2023, , .		0
926	Optimization of Home Health Vehicle Routes. , 2023, , .		0
927	Auction-Based Allocation ofÂLocation-Specific Tasks. Lecture Notes in Computer Science, 2024, , 249-260.	1.0	0
929	Turkish cashier problem with time windows and its solution by Migrating bird optimization algorithm. , 2023, , .		0
934	A Pattern Mining Heuristic forÂtheÂExtension ofÂMulti-trip Vehicle Routing. Communications in Computer and Information Science, 2024, , 78-92.	0.4	0
935	Solving the Electric Vehicle Scheduling Problem at Large-Scale. , 2023, , .		0