

Michel Gendreau

List of Publications by Citations

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

348
papers

21,720
citations

75
h-index

138
g-index

375
ext. papers

24,843
ext. citations

3.7
avg, IF

7.18
L-index

#	Paper	IF	Citations
348	A Tabu Search Heuristic for the Vehicle Routing Problem. <i>Management Science</i> , 1994 , 40, 1276-1290	3.9	743
347	Vehicle Routing Problem with Time Windows, Part I: Route Construction and Local Search Algorithms. <i>Transportation Science</i> , 2005 , 39, 104-118	4.4	713
346	A review of dynamic vehicle routing problems. <i>European Journal of Operational Research</i> , 2013 , 225, 1-115.6	6.6	661
345	Hyper-heuristics: a survey of the state of the art. <i>Journal of the Operational Research Society</i> , 2013 , 64, 1695-1724	2	632
344	A Tabu Search Heuristic for the Vehicle Routing Problem with Soft Time Windows. <i>Transportation Science</i> , 1997 , 31, 170-186	4.4	621
343	A tabu search heuristic for periodic and multi-depot vehicle routing problems. <i>Networks</i> , 1997 , 30, 105-118	1.8	542
342	Vehicle Routing Problem with Time Windows, Part II: Metaheuristics. <i>Transportation Science</i> , 2005 , 39, 119-139	4.4	501
341	Stochastic vehicle routing. <i>European Journal of Operational Research</i> , 1996 , 88, 3-12	5.6	437
340	Classical and modern heuristics for the vehicle routing problem. <i>International Transactions in Operational Research</i> , 2000 , 7, 285-300	2.9	386
339	An exact algorithm for the elementary shortest path problem with resource constraints: Application to some vehicle routing problems. <i>Networks</i> , 2004 , 44, 216-229	1.6	383
338	Traveling Salesman Problems with Profits. <i>Transportation Science</i> , 2005 , 39, 188-205	4.4	373
337	Vehicle dispatching with time-dependent travel times. <i>European Journal of Operational Research</i> , 2003 , 144, 379-396	5.6	372
336	A guide to vehicle routing heuristics. <i>Journal of the Operational Research Society</i> , 2002 , 53, 512-522	2	353
335	New Insertion and Postoptimization Procedures for the Traveling Salesman Problem. <i>Operations Research</i> , 1992 , 40, 1086-1094	2.3	351
334	A Hybrid Genetic Algorithm for Multidepot and Periodic Vehicle Routing Problems. <i>Operations Research</i> , 2012 , 60, 611-624	2.3	350
333	Parallel Tabu Search for Real-Time Vehicle Routing and Dispatching. <i>Transportation Science</i> , 1999 , 33, 381-390	4.4	301
332	A hybrid genetic algorithm with adaptive diversity management for a large class of vehicle routing problems with time-windows. <i>Computers and Operations Research</i> , 2013 , 40, 475-489	4.6	294

331	A dynamic model and parallel tabu search heuristic for real-time ambulance relocation. <i>Parallel Computing</i> , 2001 , 27, 1641-1653	1	287
330	The Benders decomposition algorithm: A literature review. <i>European Journal of Operational Research</i> , 2017 , 259, 801-817	5.6	271
329	Heuristics for multi-attribute vehicle routing problems: A survey and synthesis. <i>European Journal of Operational Research</i> , 2013 , 231, 1-21	5.6	266
328	Arc Routing Problems, Part II: The Rural Postman Problem. <i>Operations Research</i> , 1995 , 43, 399-414	2.3	253
327	Dynamic and Stochastic Models for the Allocation of Empty Containers. <i>Operations Research</i> , 1993 , 41, 102-126	2.3	246
326	An exact -constraint method for bi-objective combinatorial optimization problems: Application to the Traveling Salesman Problem with Profits. <i>European Journal of Operational Research</i> , 2009 , 194, 39-50	5.6	236
325	Solving an ambulance location model by tabu search. <i>Location Science</i> , 1997 , 5, 75-88		233
324	A unified solution framework for multi-attribute vehicle routing problems. <i>European Journal of Operational Research</i> , 2014 , 234, 658-673	5.6	214
323	Arc Routing Problems, Part I: The Chinese Postman Problem. <i>Operations Research</i> , 1995 , 43, 231-242	2.3	206
322	A Tabu Search Heuristic for the Vehicle Routing Problem with Stochastic Demands and Customers. <i>Operations Research</i> , 1996 , 44, 469-477	2.3	185
321	A Tabu Search Algorithm for a Routing and Container Loading Problem. <i>Transportation Science</i> , 2006 , 40, 342-350	4.4	185
320	An Exact Algorithm for the Vehicle Routing Problem with Stochastic Demands and Customers. <i>Transportation Science</i> , 1995 , 29, 143-155	4.4	184
319	An efficient variable neighborhood search heuristic for very large scale vehicle routing problems. <i>Computers and Operations Research</i> , 2007 , 34, 2743-2757	4.6	173
318	Exploiting Knowledge About Future Demands for Real-Time Vehicle Dispatching. <i>Transportation Science</i> , 2006 , 40, 211-225	4.4	167
317	Diversion Issues in Real-Time Vehicle Dispatching. <i>Transportation Science</i> , 2000 , 34, 426-438	4.4	163
316	A tabu search heuristic for the heterogeneous fleet vehicle routing problem. <i>Computers and Operations Research</i> , 1999 , 26, 1153-1173	4.6	163
315	Intelligent freight-transportation systems: Assessment and the contribution of operations research. <i>Transportation Research Part C: Emerging Technologies</i> , 2009 , 17, 541-557	8.4	157
314	Adaptive memory programming: A unified view of metaheuristics. <i>European Journal of Operational Research</i> , 2001 , 135, 1-16	5.6	152

313	An exact algorithm for a vehicle routing problem with time windows and multiple use of vehicles. <i>European Journal of Operational Research</i> , 2010 , 202, 756-763	5.6	150
312	The Covering Tour Problem. <i>Operations Research</i> , 1997 , 45, 568-576	2.3	146
311	Neighborhood search heuristics for a dynamic vehicle dispatching problem with pick-ups and deliveries. <i>Transportation Research Part C: Emerging Technologies</i> , 2006 , 14, 157-174	8.4	142
310	A Tabu search heuristic for the vehicle routing problem with two-dimensional loading constraints. <i>Networks</i> , 2008 , 51, 4-18	1.6	141
309	Metaheuristics in Combinatorial Optimization. <i>Annals of Operations Research</i> , 2005 , 140, 189-213	3.2	140
308	A tabu search heuristic for the undirected selective travelling salesman problem. <i>European Journal of Operational Research</i> , 1998 , 106, 539-545	5.6	139
307	The maximal expected coverage relocation problem for emergency vehicles. <i>Journal of the Operational Research Society</i> , 2006 , 57, 22-28	2	134
306	Time-dependent routing problems: A review. <i>Computers and Operations Research</i> , 2015 , 64, 189-197	4.6	133
305	Vehicle Routing with Multiple Use of Vehicles. <i>Journal of the Operational Research Society</i> , 1996 , 47, 1065-1070	2	131
304	A Generalized Insertion Heuristic for the Traveling Salesman Problem with Time Windows. <i>Operations Research</i> , 1998 , 46, 330-335	2.3	125
303	An exact algorithm for team orienteering problems. <i>4or</i> , 2007 , 5, 211-230	1.4	123
302	A Simplex-Based Tabu Search Method for Capacitated Network Design. <i>INFORMS Journal on Computing</i> , 2000 , 12, 223-236	2.4	122
301	An adaptive large neighborhood search for the two-echelon multiple-trip vehicle routing problem with satellite synchronization. <i>European Journal of Operational Research</i> , 2016 , 254, 80-91	5.6	119
300	The hot strip mill production scheduling problem: A tabu search approach. <i>European Journal of Operational Research</i> , 1998 , 106, 317-335	5.6	118
299	An exact algorithm for a single-vehicle routing problem with time windows and multiple routes. <i>European Journal of Operational Research</i> , 2007 , 178, 755-766	5.6	118
298	Wireless Mesh Networks Design [A Survey]. <i>IEEE Communications Surveys and Tutorials</i> , 2012 , 14, 299-310	37.1	117
297	Cycle-Based Neighbourhoods for Fixed-Charge Capacitated Multicommodity Network Design. <i>Operations Research</i> , 2003 , 51, 655-667	2.3	117
296	A branch-and-cut algorithm for the undirected selective traveling salesman problem. <i>Networks</i> , 1998 , 32, 263-273	1.6	113

295	Tabu search for the redundancy allocation problem of homogenous series-parallel multi-state systems. <i>Reliability Engineering and System Safety</i> , 2008 , 93, 1257-1272	6.3	110
294	Cooperative Parallel Variable Neighborhood Search for the p-Median. <i>Journal of Heuristics</i> , 2004 , 10, 293-314	1.9	107
293	An Exact Constraint Logic Programming Algorithm for the Traveling Salesman Problem with Time Windows. <i>Transportation Science</i> , 1998 , 32, 12-29	4.4	102
292	6. Metaheuristics for the Capacitated VRP 2002 , 129-154		101
291	A parallel tabu search heuristic for the vehicle routing problem with time windows. <i>Transportation Research Part C: Emerging Technologies</i> , 1997 , 5, 109-122	8.4	99
290	Heuristics for the traveling salesman problem with pickup and delivery. <i>Computers and Operations Research</i> , 1999 , 26, 699-714	4.6	97
289	Accelerating Benders Decomposition by Local Branching. <i>INFORMS Journal on Computing</i> , 2009 , 21, 333-345	3.4	93
288	Using Constraint-Based Operators to Solve the Vehicle Routing Problem with Time Windows. <i>Journal of Heuristics</i> , 2002 , 8, 43-58	1.9	91
287	New Heuristics for the Vehicle Routing Problem 2005 , 279-297		87
286	Dynamic Vehicle Routing and Dispatching 1998 , 115-126		86
285	An adaptive large neighborhood search for a vehicle routing problem with multiple routes. <i>Computers and Operations Research</i> , 2014 , 41, 167-173	4.6	85
284	HyFlex: A Benchmark Framework for Cross-Domain Heuristic Search. <i>Lecture Notes in Computer Science</i> , 2012 , 136-147	0.9	83
283	Toward a Taxonomy of Parallel Tabu Search Heuristics. <i>INFORMS Journal on Computing</i> , 1997 , 9, 61-72	2.4	83
282	A tabu search procedure for multicommodity location/allocation with balancing requirements. <i>Annals of Operations Research</i> , 1993 , 41, 359-383	3.2	83
281	Evolutionary Algorithms for the Vehicle Routing Problem with Time Windows. <i>Journal of Heuristics</i> , 2004 , 10, 587-611	1.9	82
280	Path Relinking, Cycle-Based Neighbourhoods and Capacitated Multicommodity Network Design. <i>Annals of Operations Research</i> , 2004 , 131, 109-133	3.2	80
279	Vehicle routing with soft time windows and stochastic travel times: A column generation and branch-and-price solution approach. <i>European Journal of Operational Research</i> , 2014 , 236, 789-799	5.6	79
278	A dynamic vehicle routing problem with multiple delivery routes. <i>Annals of Operations Research</i> , 2012 , 199, 103-112	3.2	78

277	Progressive hedging-based metaheuristics for stochastic network design. <i>Networks</i> , 2011 , 58, 114-124	1.6	77
276	Arc routing problems with time-dependent service costs. <i>European Journal of Operational Research</i> , 2007 , 181, 30-39	5.6	77
275	50th Anniversary Invited Article Future Research Directions in Stochastic Vehicle Routing. <i>Transportation Science</i> , 2016 , 50, 1163-1173	4.4	77
274	Optimizing daily agent scheduling in a multiskill call center. <i>European Journal of Operational Research</i> , 2010 , 200, 822-832	5.6	75
273	A tabu search heuristic for the multiprocessor scheduling problem with sequence dependent setup times. <i>International Journal of Production Economics</i> , 1996 , 43, 79-89	9.3	75
272	Heuristics and lower bounds for the bin packing problem with conflicts. <i>Computers and Operations Research</i> , 2004 , 31, 347-358	4.6	72
271	Closed-loop supply chain network design under uncertain quality status: Case of durable products. <i>International Journal of Production Economics</i> , 2017 , 183, 470-486	9.3	71
270	Maintenance scheduling in the electricity industry: A literature review. <i>European Journal of Operational Research</i> , 2016 , 251, 695-706	5.6	70
269	Cooperative Parallel Tabu Search for Capacitated Network Design. <i>Journal of Heuristics</i> , 2002 , 8, 601-627	1.9	70
268	Solving the maximum clique problem using a tabu search approach. <i>Annals of Operations Research</i> , 1993 , 41, 385-403	3.2	70
267	Metaheuristics for the Vehicle Routing Problem and Its Extensions: A Categorized Bibliography. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008 , 143-169	0.3	69
266	Scheduled Service Network Design for Freight Rail Transportation. <i>Operations Research</i> , 2014 , 62, 383-400	3.0	68
265	Accelerating Benders decomposition for closed-loop supply chain network design: Case of used durable products with different quality levels. <i>European Journal of Operational Research</i> , 2016 , 251, 830-845	5.6	67
264	Interior point stabilization for column generation. <i>Operations Research Letters</i> , 2007 , 35, 660-668	1	66
263	Brain-derived neurotrophic factor stimulates survival and neuronal differentiation in cultured avian neural crest. <i>Developmental Brain Research</i> , 1988 , 469, 79-86		65
262	An Effective Multirestart Deterministic Annealing Metaheuristic for the Fleet Size and Mix Vehicle-Routing Problem with Time Windows. <i>Transportation Science</i> , 2008 , 42, 371-386	4.4	64
261	Path relinking for the vehicle routing problem. <i>Journal of Heuristics</i> , 2006 , 12, 55-72	1.9	64
260	An Introduction to Tabu Search 2003 , 37-54		63

259	A priori optimization with recourse for the vehicle routing problem with hard time windows and stochastic service times. <i>European Journal of Operational Research</i> , 2016 , 249, 55-66	5.6	62
258	The orienteering problem with stochastic travel and service times. <i>Annals of Operations Research</i> , 2011 , 186, 61-81	3.2	61
257	A Constraint Programming Framework for Local Search Methods. <i>Journal of Heuristics</i> , 1999 , 5, 255-279	1.9	61
256	Implicit Enumeration of Hyperpaths in a Logit Model for Transit Networks. <i>Transportation Science</i> , 1998 , 32, 54-64	4.4	60
255	Economies of Scale in Empty Freight Car Distribution in Scheduled Railways. <i>Transportation Science</i> , 2004 , 38, 121-134	4.4	59
254	A dynamic capacitated arc routing problem with time-dependent service costs. <i>Transportation Research Part C: Emerging Technologies</i> , 2011 , 19, 20-28	8.4	58
253	A pro-active real-time control approach for dynamic vehicle routing problems dealing with the delivery of urgent goods. <i>European Journal of Operational Research</i> , 2013 , 225, 130-141	5.6	57
252	A hybrid Tabu-ascent algorithm for the linear Bilevel Programming Problem. <i>Journal of Global Optimization</i> , 1996 , 8, 217-233	1.5	55
251	Good Laboratory Practice for optimization research. <i>Journal of the Operational Research Society</i> , 2016 , 67, 676-689	2	54
250	A Hybrid Monte Carlo Local Branching Algorithm for the Single Vehicle Routing Problem with Stochastic Demands. <i>Transportation Science</i> , 2010 , 44, 136-146	4.4	54
249	A heuristic for the location of a rapid transit line. <i>Computers and Operations Research</i> , 2002 , 29, 1-12	4.6	54
248	Synchronous tabu search parallelization strategies for multicommodity location-allocation with balancing requirements. <i>OR Spectrum</i> , 1995 , 17, 113-123	1.9	54
247	A matheuristic based on large neighborhood search for the vehicle routing problem with cross-docking. <i>Computers and Operations Research</i> , 2017 , 84, 116-126	4.6	52
246	A Tactical Planning Model for Railroad Transportation of Dangerous Goods. <i>Transportation Science</i> , 2011 , 45, 163-174	4.4	52
245	Operational transportation planning of freight forwarding companies in horizontal coalitions. <i>European Journal of Operational Research</i> , 2014 , 237, 1133-1141	5.6	51
244	Scheduling in-house transport vehicles to feed parts to automotive assembly lines. <i>European Journal of Operational Research</i> , 2017 , 260, 255-267	5.6	50
243	A branch-cut-and-price algorithm for the vehicle routing problem with stochastic demands. <i>Computers and Operations Research</i> , 2014 , 50, 141-153	4.6	50
242	Solving VRPTWs with Constraint Programming Based Column Generation. <i>Annals of Operations Research</i> , 2004 , 130, 199-216	3.2	49

241	The Profitable Arc Tour Problem: Solution with a Branch-and-Price Algorithm. <i>Transportation Science</i> , 2005 , 39, 539-552	4.4	48
240	A divide and merge heuristic for the multiprocessor scheduling problem with sequence dependent setup times. <i>European Journal of Operational Research</i> , 2001 , 133, 183-189	5.6	48
239	The Traveling Salesman Problem with Backhauls. <i>Computers and Operations Research</i> , 1996 , 23, 501-508	4.6	48
238	Them-Traveling Salesman Problem with Minmax Objective. <i>Transportation Science</i> , 1995 , 29, 267-275	4.4	47
237	. <i>IEEE Journal on Selected Areas in Communications</i> , 1989 , 7, 1181-1187	14.2	46
236	Locating a transit line using tabu search. <i>Location Science</i> , 1996 , 4, 1-19		44
235	A tabu search algorithm for the Capacitated Shortest Spanning Tree Problem. <i>Networks</i> , 1997 , 29, 161-176		43
234	Combinatorial auctions. <i>Annals of Operations Research</i> , 2007 , 153, 131-164	3.2	43
233	A composite heuristic for the identical parallel machine scheduling problem with minimum makespan objective. <i>Computers and Operations Research</i> , 1994 , 21, 205-210	4.6	42
232	Bi-objective stochastic programming models for determining depot locations in disaster relief operations. <i>International Transactions in Operational Research</i> , 2016 , 23, 997-1023	2.9	42
231	Parallel asynchronous tabu search for multicommodity location-allocation with balancing requirements. <i>Annals of Operations Research</i> , 1996 , 63, 277-299	3.2	41
230	Strategic Bidding for Price-Taker Hydroelectricity Producers. <i>IEEE Transactions on Power Systems</i> , 2007 , 22, 2187-2203	7	40
229	The traveling salesman problem with time-dependent service times. <i>European Journal of Operational Research</i> , 2016 , 248, 372-383	5.6	39
228	Real-time decision problems: an operational research perspective. <i>Journal of the Operational Research Society</i> , 1997 , 48, 162-174	2	39
227	Solving an integrated employee timetabling and job-shop scheduling problem via hybrid branch-and-bound. <i>Computers and Operations Research</i> , 2009 , 36, 2330-2340	4.6	38
226	A General Approach to the Physician Rostering Problem. <i>Annals of Operations Research</i> , 2002 , 115, 193-205		38
225	Fleet-sizing for multi-depot and periodic vehicle routing problems using a modular heuristic algorithm. <i>Computers and Operations Research</i> , 2015 , 53, 9-23	4.6	37
224	A branch-and-price approach for a multi-period vehicle routing problem. <i>Computers and Operations Research</i> , 2015 , 55, 167-184	4.6	37

223	A path relinking algorithm for a multi-depot periodic vehicle routing problem. <i>Journal of Heuristics</i> , 2013 , 19, 497-524	1.9	37
222	A view of local search in constraint programming. <i>Lecture Notes in Computer Science</i> , 1996 , 353-366	0.9	37
221	Tabu Search. <i>Profiles in Operations Research</i> , 2010 , 41-59	1	37
220	Integrating production, maintenance and quality: A multi-period multi-product profit-maximization model. <i>Reliability Engineering and System Safety</i> , 2018 , 170, 191-201	6.3	36
219	A tabu search heuristic for the Steiner Tree Problem. <i>Networks</i> , 1999 , 34, 162-172	1.6	36
218	Location of facilities on a network subject to a single-edge failure. <i>Networks</i> , 1992 , 22, 231-246	1.6	36
217	The multi-vehicle traveling purchaser problem with pairwise incompatibility constraints and unitary demands: A branch-and-price approach. <i>European Journal of Operational Research</i> , 2016 , 248, 59-71	5.6	35
216	Implicit depot assignments and rotations in vehicle routing heuristics. <i>European Journal of Operational Research</i> , 2014 , 237, 15-28	5.6	35
215	A heuristic to solve the synchronized log-truck scheduling problem. <i>Computers and Operations Research</i> , 2013 , 40, 666-673	4.6	35
214	Optimizing profits from hydroelectricity production. <i>Computers and Operations Research</i> , 2009 , 36, 499-529	5.2	35
213	Airport pavement management systems: an appraisal of existing methodologies. <i>Transportation Research, Part A: Policy and Practice</i> , 1998 , 32, 197-214	3.7	35
212	Isolation and purification of Escherichia coli heat-stable enterotoxin of porcine origin. <i>Analytical Biochemistry</i> , 1982 , 127, 267-75	3.1	35
211	A continuous approximation model for the fleet composition problem. <i>Transportation Research Part B: Methodological</i> , 2012 , 46, 1591-1606	7.2	34
210	Tabu Search heuristics for the Vehicle Routing Problem with Time Windows. <i>Top</i> , 2002 , 10, 211-237	1.3	34
209	An adaptive large-neighborhood search heuristic for a multi-period vehicle routing problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 95, 95-123	9	34
208	A cost minimisation model for joint production and maintenance planning under quality constraints. <i>International Journal of Production Research</i> , 2017 , 55, 2163-2176	7.8	33
207	Synthesis of peptides by the solid-phase method. 7. Substance P and analogues. <i>Journal of Medicinal Chemistry</i> , 1982 , 25, 64-8	8.3	33
206	A generic and flexible simulation-based analysis tool for EMS management. <i>International Journal of Production Research</i> , 2015 , 53, 7299-7316	7.8	32

205	Timing problems and algorithms: Time decisions for sequences of activities. <i>Networks</i> , 2015 , 65, 102-128	1.6	32
204	The degradation of bradykinin (BK) and of des-Arg9-BK in plasma. <i>Canadian Journal of Physiology and Pharmacology</i> , 1981 , 59, 131-8	2.4	32
203	A variable neighborhood descent heuristic for arc routing problems with time-dependent service costs. <i>Computers and Industrial Engineering</i> , 2010 , 59, 954-963	6.4	31
202	Time-window relaxations in vehicle routing heuristics. <i>Journal of Heuristics</i> , 2015 , 21, 329-358	1.9	30
201	Long-term management of a hydroelectric multireservoir system under uncertainty using the progressive hedging algorithm. <i>Water Resources Research</i> , 2013 , 49, 2812-2827	5.4	30
200	Complexity of the VRP and SDVRP. <i>Transportation Research Part C: Emerging Technologies</i> , 2011 , 19, 741-750	1.5	30
199	An efficient heuristic for reliability design optimization problems. <i>Computers and Operations Research</i> , 2010 , 37, 223-235	4.6	30
198	Heuristics for the location of inspection stations on a network. <i>Naval Research Logistics</i> , 2000 , 47, 287-303	3.5	30
197	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem. <i>European Journal of Operational Research</i> , 1999 , 117, 253-263	5.6	30
196	Locating rapid transit lines. <i>Journal of Advanced Transportation</i> , 1995 , 29, 145-162	1.9	30
195	Tabu search for the time-dependent vehicle routing problem with time windows on a road network. <i>European Journal of Operational Research</i> , 2021 , 288, 129-140	5.6	30
194	An exact algorithm to solve the vehicle routing problem with stochastic demands under an optimal restocking policy. <i>European Journal of Operational Research</i> , 2019 , 273, 175-189	5.6	29
193	An adaptive evolutionary approach for real-time vehicle routing and dispatching. <i>Computers and Operations Research</i> , 2013 , 40, 1766-1776	4.6	29
192	2010 ,		29
191	A column generation approach for a multi-attribute vehicle routing problem. <i>European Journal of Operational Research</i> , 2015 , 241, 888-906	5.6	28
190	Large neighborhood search with constraint programming for a vehicle routing problem with synchronization constraints. <i>Computers and Operations Research</i> , 2018 , 92, 87-97	4.6	28
189	A heuristic method for non-homogeneous redundancy optimization of series-parallel multi-state systems. <i>Journal of Heuristics</i> , 2011 , 17, 1-22	1.9	28
188	Modeling Bus Stops in Transit Networks: A Survey and New Formulations. <i>Transportation Science</i> , 2001 , 35, 304-321	4.4	28

187	Diversification strategies in tabu search algorithms for the maximum clique problem. <i>Annals of Operations Research</i> , 1996 , 63, 189-207	3.2	28
186	An Exact Algorithm for the Two-Dimensional Orthogonal Packing Problem with Unloading Constraints. <i>Operations Research</i> , 2014 , 62, 1126-1141	2.3	27
185	An Approximation Algorithm for the Traveling Salesman Problem with Backhauls. <i>Operations Research</i> , 1997 , 45, 639-641	2.3	27
184	A 2-stage method for a field service routing problem with stochastic travel and service times. <i>Computers and Operations Research</i> , 2016 , 65, 64-75	4.6	26
183	Efficiently solving very large-scale routing problems. <i>Computers and Operations Research</i> , 2019 , 107, 32-42	4.6	26
182	A robust optimization approach for the road network daily maintenance routing problem with uncertain service time. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 85, 40-51	9	26
181	Optimizing road network daily maintenance operations with stochastic service and travel times. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014 , 64, 88-102	9	26
180	Tabu Search 2005 , 165-186		26
179	Partial-route inequalities for the multi-vehicle routing problem with stochastic demands. <i>Discrete Applied Mathematics</i> , 2014 , 177, 121-136	1	25
178	A hybrid constraint programming approach to the log-truck scheduling problem. <i>Annals of Operations Research</i> , 2011 , 184, 163-178	3.2	25
177	Solving the hierarchical Chinese postman problem as a rural postman problem. <i>European Journal of Operational Research</i> , 2004 , 155, 44-50	5.6	25
176	Optimal location of facilities on a network with an unreliable node or link. <i>Information Processing Letters</i> , 1996 , 58, 71-74	0.8	25
175	Accelerating the Benders Decomposition Method: Application to Stochastic Network Design Problems. <i>SIAM Journal on Optimization</i> , 2018 , 28, 875-903	2	24
174	Branch-and-price and constraint programming for solving a real-life technician dispatching problem. <i>European Journal of Operational Research</i> , 2014 , 238, 300-312	5.6	24
173	Optimal location and capability of oil-spill response facilities for the south coast of Newfoundland. <i>Omega</i> , 2013 , 41, 856-867	7.2	24
172	Chapter 8: Stochastic Vehicle Routing Problems 2014 , 213-239		24
171	A Benders decomposition-based heuristic for a production and outbound distribution scheduling problem with strict delivery constraints. <i>European Journal of Operational Research</i> , 2017 , 262, 287-298	5.6	23
170	The vehicle routing problem with hard time windows and stochastic service times. <i>EURO Journal on Transportation and Logistics</i> , 2018 , 7, 223-251	2.4	23

169	. <i>IEEE Transactions on Communications</i> , 1991 , 39, 1494-1501	6.9	23
168	Heuristics for tactical time slot management: a periodic vehicle routing problem view. <i>International Transactions in Operational Research</i> , 2017 , 24, 1233-1252	2.9	22
167	A column generation approach for location-routing problems with pickup and delivery. <i>European Journal of Operational Research</i> , 2019 , 272, 121-131	5.6	22
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