Gilbert Laporte

List of Publications by Year in Descending Order

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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.

352 papers	23,910 citations	79 h-index	143 g-index
359 ext. papers	27,477 ext. citations	3.8 avg, IF	7.65 L-index

#	Paper	IF	Citations
352	Single Allocation Hub Location with Heterogeneous Economies of Scale. *Operations Research*, **2022**, 70, 766-785	2.2	
351	The Electric Vehicle Routing Problem with Capacitated Charging Stations. *Transportation Science*, **2022**, 56, 460-482	3.7	1
350	Optimizing access to drinking water in remote areas. Application to Nepal. *Computers and Operations Research*, **2022**, 140, 105669	4.5	1
349	Solving real-size stochastic railway rapid transit network construction scheduling problems. *Computers and Operations Research*, **2022**, 138, 105600	4.5	1
348	Workload Balancing at Cross-Docking Platforms. *AIRO Springer Series*, **2022**, 85-94	0.2	
347	The quality-driven vehicle routing problem: Model and application to a case of cooperative logistics. *International Journal of Production Economics*, **2021**, 231, 107849	9.1	6
346	A simulation-based heuristic for the electric vehicle routing problem with time windows and stochastic waiting times at recharging stations. *Computers and Operations Research*, **2021**, 125, 105060	4.5	29
345	A scalable dynamic parking allocation framework. *Computers and Operations Research*, **2021**, 125, 105080	4.5	6
344	Integrated planning for electric commercial vehicle fleets: A case study for retail mid-haul logistics networks. *European Journal of Operational Research*, **2021**, 291, 944-960	5.4	8
343	The Robust Bulk Ship Routing Problem with Batched Cargo Selection. *Transportation Research Part B: Methodological*, **2021**, 143, 124-159	6.8	7
342	Subsidy design in a vessel speed reduction incentive program under government policies. *Naval Research Logistics*, **2021**, 68, 344-358	1.5	7
341	A dynamic multi-period general routing problem arising in postal service and parcel delivery systems. *Computers and Operations Research*, **2021**, 129, 105195	4.5	3
340	Solving a Real-World Urban Postal Service System Redesign Problem. *Scientific Programming*, **2021**, 2021, 1-17	1.3	2
339	Minimum cost delivery of multi-item orders in e-commerce logistics. *Computers and Operations Research*, **2021**, 138, 105613	4.5	0
338	Emerging approaches applied to maritime transport research: Past and future. *Communications in Transportation Research*, **2021**, 1, 100011		7
337	Some Contributions of Ailsa H. Land to the Study of the Traveling Salesman Problem. *EURO Journal on Computational Optimization*, **2021**, 9, 100018	1	
336	Inbound and outbound flow integration for cross-docking operations. *European Journal of Operational Research*, **2021**, 294, 1153-1163	5.4	1

335	Exact and heuristic algorithms for the fleet composition and periodic routing problem of offshore supply vessels with berth allocation decisions. *European Journal of Operational Research*, **2021**, 295, 908-923	5.4	2
334	The parking allocation problem for connected vehicles. *Journal of Heuristics*, **2020**, 26, 377-399	1.9	10
333	Minimum cost network design in strategic alliances. *Omega*, **2020**, 96, 102079	7	5
332	Crowd-shipping with time windows and transshipment nodes. *Computers and Operations Research*, **2020**, 113, 104806	4.5	27
331	A concise guide to existing and emerging vehicle routing problem variants. *European Journal of Operational Research*, **2020**, 286, 401-416	5.4	57
330	A Flexible, Natural Formulation for the Network Design Problem with Vulnerability Constraints. *INFORMS Journal on Computing*, **2020**, 32, 120-134	2.3	1
329	Green technology adoption for fleet deployment in a shipping network. *Transportation Research Part B: Methodological*, **2020**, 139, 388-410	6.8	32
328	Drone-aided routing: A literature review. *Transportation Research Part C: Emerging Technologies*, **2020**, 120, 102762	7.9	47
327	A spatially disaggregated model for the technology selection and design of a transit line. *Public Transport*, **2020**, 12, 647-691	2	3
326	Reorganizing postal collection operations in urban areas as a result of declining mail volumes A case study in Bologna. *Journal of the Operational Research Society*, **2020**, 1-16	2	3
325	Algorithms for the Calzedonia workload allocation problem. *Journal of the Operational Research Society*, **2020**, 1-14	2	1
324	E-commerce shipping through a third-party supply chain. *Transportation Research, Part E: Logistics and Transportation Review*, **2020**, 140, 101970	8.8	6
323	The commodity-split multi-compartment capacitated arc routing problem. *Computers and Operations Research*, **2020**, 122, 104994	4.5	6
322	A review of vehicle routing with simultaneous pickup and delivery. *Computers and Operations Research*, **2020**, 122, 104987	4.5	25
321	The railway rapid transit network construction scheduling problem. *Computers and Industrial Engineering*, **2019**, 138, 106075	6.3	4
320	An energy-efficient green-vehicle routing problem with mixed vehicle fleet, partial battery recharging and time windows. *European Journal of Operational Research*, **2019**, 276, 971-982	5.4	44
319	Collaborative Prepositioning Network Design for Regional Disaster Response. *Production and Operations Management*, **2019**, 28, 2431-2455	3.5	23
318	The electric vehicle routing problem with energy consumption uncertainty. *Transportation Research Part B: Methodological*, **2019**, 126, 225-255	6.8	67

317	A deteriorating inventory routing problem for an inland liquefied natural gas distribution network. *Transportation Research Part B: Methodological*, **2019**, 126, 45-67	6.8	7
316	An Exact Algorithm for Multilevel Uncapacitated Facility Location. *Transportation Science*, **2019**, 53, 1085-1106	3.7	14
315	Supply vessel routing and scheduling under uncertain demand. *Transportation Research Part C: Emerging Technologies*, **2019**, 104, 305-316	7.9	10
314	The Steiner Traveling Salesman Problem and its extensions. *European Journal of Operational Research*, **2019**, 278, 615-628	5.4	2
313	Integrated Railway Rapid Transit Network Design and Line Planning problem with maximum profit. *Transportation Research, Part E: Logistics and Transportation Review*, **2019**, 127, 1-30	8.8	31
312	Median and covering location problems with interconnected facilities. *Computers and Operations Research*, **2019**, 107, 1-18	4.5	3
311	Electric Vehicle Routing Problem with Time-Dependent Waiting Times at Recharging Stations. *Computers and Operations Research*, **2019**, 107, 77-94	4.5	60
310	The green mixed fleet vehicle routing problem with partial battery recharging and time windows. *Computers and Operations Research*, **2019**, 101, 183-199	4.5	59
309	Integrating workload smoothing and inventory reduction in three intermodal logistics platforms of a European car manufacturer. *Computers and Operations Research*, **2019**, 112, 104762	4.5	4
308	A districting-based heuristic for the coordinated capacitated arc routing problem. *Computers and Operations Research*, **2019**, 111, 271-284	4.5	3
307	Exact Solution of Several Families of Location-Arc Routing Problems. *Transportation Science*, **2019**, 53, 1313-1333	3.7	6
306	Three multi-start data-driven evolutionary heuristics for the vehicle routing problem with multiple time windows. *Journal of Heuristics*, **2019**, 25, 485-515	1.9	7
305	A two-echelon inventory routing problem for perishable products. *Computers and Operations Research*, **2019**, 107, 156-172	4.5	23
304	Vehicle Routing and Location Routing with Intermediate Stops: A Review. *Transportation Science*, **2019**, 53, 319-343	3.7	56
303	Improved formulations and algorithmic components for the electric vehicle routing problem with nonlinear charging functions. *Computers and Operations Research*, **2019**, 104, 256-294	4.5	58
302	Integrated planning of ship deployment, service schedule and container routing. *Computers and Operations Research*, **2019**, 104, 304-318	4.5	14
301	Fleet deployment and demand fulfillment for container shipping liners. *Transportation Research Part B: Methodological*, **2019**, 120, 15-32	6.8	24
300	Facility location problems with user cooperation. *Top*, **2019**, 27, 125-145	1.2	4

299	A vehicle routing problem arising in unmanned aerial monitoring. *Computers and Operations Research*, **2019**, 105, 1-11	4.5	21
298	The electric vehicle routing problem with shared charging stations. *International Transactions in Operational Research*, **2019**, 26, 1211-1243	2.9	38
297	The Design of Rapid Transit Networks **2019**, 687-703		1
296	A fast heuristic for large-scale capacitated arc routing problems. *Journal of the Operational Research Society*, **2018**, 69, 1877-1887	2	8
295	The Chinese Postman Problem with Load-Dependent Costs. *Transportation Science*, **2018**, 52, 370-385	3.7	4
294	The periodic supply vessel planning problem with flexible departure times and coupled vessels. *Computers and Operations Research*, **2018**, 94, 52-64	4.5	14
293	Robust supply vessel routing and scheduling. *Transportation Research Part C: Emerging Technologies* , **2018**, 90, 366-378	7.9	16
292	Long-haul vehicle routing and scheduling with idling options. *Journal of the Operational Research Society*, **2018**, 69, 235-246	2	17
291	Logistics service network design for humanitarian response in East Africa. *Omega*, **2018**, 74, 1-14	7	51
290	The static bike relocation problem with multiple vehicles and visits. *European Journal of Operational Research*, **2018**, 264, 508-523	5.4	54
289	Multi-level facility location problems. *European Journal of Operational Research*, **2018**, 267, 791-805	5.4	44
288	Route and speed optimization for autonomous trucks. *Computers and Operations Research*, **2018**, 100, 89-101	4.5	14
287	An improved adaptive large neighborhood search algorithm for multiple agile satellites scheduling. *Computers and Operations Research*, **2018**, 100, 12-25	4.5	44
286	Charge scheduling for electric freight vehicles. *Transportation Research Part B: Methodological*, **2018**, 115, 246-269	6.8	53
285	A Branch-and-Cut Algorithm for the Multidepot Rural Postman Problem. *Transportation Science*, **2018**, 52, 353-369	3.7	10
284	Vehicle routing with backhauls: Review and research perspectives. *Computers and Operations Research*, **2018**, 91, 79-91	4.5	49
283	Designing sustainable mid-haul logistics networks with intra-route multi-resource facilities. *European Journal of Operational Research*, **2018**, 265, 517-532	5.4	35
282	Corridor-based metro network design with travel flow capture. *Computers and Operations Research*, **2018**, 89, 58-67	4.5	11

281	Exact Solution of the Evasive Flow Capturing Problem. *Operations Research*, **2018**, 66, 1625-1640	2.2	5
280	Shared mobility systems: an updated survey. *Annals of Operations Research*, **2018**, 271, 105-126	3.1	43
279	Quantifying the environmental and economic benefits of cooperation: A case study in temperature-controlled food logistics. *Transportation Research, Part D: Transport and Environment*, **2018**, 65, 178-193	6.2	29
278	A Shortest-Path Algorithm for the Departure Time and Speed Optimization Problem. *Transportation Science*, **2018**, 52, 756-768	3.7	6
277	The Railway Network Design, Line Planning and Capacity Problem: An Adaptive Large Neighborhood Search Metaheuristic. *Advances in Intelligent Systems and Computing*, **2018**, 198-219	0.4	3
276	Continuous approximation models in freight distribution management. *Top*, **2017**, 25, 413-433	1.2	21
275	Planning a selective delivery schedule through Adaptive Large Neighborhood Search. *Computers and Industrial Engineering*, **2017**, 112, 368-378	6.3	7
274	Models for technology choice in a transit corridor with elastic demand. *Transportation Research Part B: Methodological*, **2017**, 104, 733-756	6.8	6
273	Rejoinder on: Continuous approximation models in freight distribution management. *Top*, **2017**, 25, 443-444	1.2	1
272	Strategic fleet planning for city logistics. *Transportation Research Part B: Methodological*, **2017**, 95, 19-40	6.8	19
271	Vessel routing with pickups and deliveries: An application to the supply of offshore oil platforms. *Computers and Operations Research*, **2017**, 79, 140-147	4.5	18
270	Vehicle routing with cross-dock selection. *Computers and Operations Research*, **2017**, 77, 254-266	4.5	31
269	The pickup and delivery problem with time windows and handling operations. *Computers and Operations Research*, **2017**, 77, 127-140	4.5	21
268	Scheduling identical parallel machines with tooling constraints. *European Journal of Operational Research*, **2017**, 257, 834-844	5.4	35
267	Multi-objective rapid transit network design with modal competition: The case of Concepci□, Chile. *Computers and Operations Research*, **2017**, 78, 27-43	4.5	29
266	An adaptive neighborhood search metaheuristic for the integrated railway rapid transit network design and line planning problem. *Computers and Operations Research*, **2017**, 78, 1-14	4.5	55
265	Solving a vendor-managed inventory routing problem arising in the distribution of bottled water in Morocco. *European Journal of Industrial Engineering*, **2017**, 11, 168	0.5	1
264	The multi-vehicle cumulative covering tour problem. *Annals of Operations Research*, **2017**, 258, 761-780	3.1	13

263	Multi-objective integration of timetables, vehicle schedules and user routings in a transit network. *Transportation Research Part B: Methodological*, **2017**, 98, 94-112	6.8	26
262	Battery degradation and behaviour for electric vehicles: Review and numerical analyses of several models. *Transportation Research Part B: Methodological*, **2017**, 103, 158-187	6.8	153
261	The railway line frequency and size setting problem. *Public Transport*, **2017**, 9, 33-53	2	3
260	An adaptive large neighborhood search metaheuristic for agile satellite scheduling with time-dependent transition time. *Computers and Operations Research*, **2017**, 86, 41-53	4.5	61
259	Computational comparison of several greedy algorithms for the minimum cost perfect matching problem on large graphs. *Computers and Operations Research*, **2017**, 87, 107-113	4.5	6
258	Resource constrained routing and scheduling: Review and research prospects. *European Journal of Operational Research*, **2017**, 263, 737-754	5.4	43
257	A metaheuristic for the time-dependent pollution-routing problem. *European Journal of Operational Research*, **2017**, 259, 972-991	5.4	79
256	A branch-and-cut algorithm for the minimum branch vertices spanning tree problem. *Computers and Operations Research*, **2017**, 81, 322-332	4.5	10
255	Formulations and Approximation Algorithms for Multilevel Uncapacitated Facility Location. *INFORMS Journal on Computing*, **2017**, 29, 767-779	2.3	7
254	A general rapid network design, line planning and fleet investment integrated model. *Annals of Operations Research*, **2016**, 246, 127-144	3.1	23
253	An adaptive large neighborhood search for the discrete and continuous Berth allocation problem. *Computers and Operations Research*, **2016**, 70, 140-154	4.5	48
252	Berth allocation in an ore terminal with demurrage, despatch and maintenance. *Computers and Industrial Engineering*, **2016**, 96, 8-15	6.3	14
251	50th Anniversary Invited Article Goods Distribution with Electric Vehicles: Review and Research Perspectives. *Transportation Science*, **2016**, 50, 3-22	3.7	165
250	An iterative two-phase hybrid matheuristic for a multi-product short sea inventory-routing problem. *European Journal of Operational Research*, **2016**, 252, 775-788	5.4	23
249	A global shooting algorithm for the facility location and capacity acquisition problem on a line with dense demand. *Computers and Operations Research*, **2016**, 71, 1-15	4.5	5
248	Transportation in supply chain management: recent advances and research prospects. *International Journal of Production Research*, **2016**, 54, 403-404	7.6	5
247	An Inventory-Routing Problem with Pickups and Deliveries Arising in the Replenishment of Automated Teller Machines. *Transportation Science*, **2016**, 50, 1077-1091	3.7	45
246	The impact of depot location, fleet composition and routing on emissions in city logistics. *Transportation Research Part B: Methodological*, **2016**, 84, 81-102	6.8	95

245	Improved models for technology choice in a transit corridor with fixed demand. *Transportation Research Part B: Methodological*, **2016**, 83, 245-270	6.8	16
244	An adaptive large neighborhood search heuristic for fleet deployment problems with voyage separation requirements. *Transportation Research Part C: Emerging Technologies*, **2016**, 70, 129-141	7.9	12
243	Solving a multi-objective dynamic stochastic districting and routing problem with a co-evolutionary algorithm. *Computers and Operations Research*, **2016**, 67, 12-24	4.5	36
242	Branch-price-and-cut algorithms for the pickup and delivery problem with time windows and multiple stacks. *European Journal of Operational Research*, **2016**, 250, 782-793	5.4	23
241	The traveling salesman problem with time-dependent service times. *European Journal of Operational Research*, **2016**, 248, 372-383	5.4	37
240	The fleet size and mix location-routing problem with time windows: Formulations and a heuristic algorithm. *European Journal of Operational Research*, **2016**, 248, 33-51	5.4	61
239	Green Vehicle Routing. *Profiles in Operations Research*, **2016**, 243-265	0.9	27
238	A short-turning policy for the management of demand disruptions in rapid transit systems. *Annals of Operations Research*, **2016**, 246, 145-166	3.1	33
237	Scheduling issues in vehicle routing. *Annals of Operations Research*, **2016**, 236, 463-474	3.1	8
236	Road-based goods transportation: a survey of real-world logistics applications from 2000 to 2015. *Infor*, **2016**, 54, 79-96	0.5	11
235	Exact and heuristic algorithms for the Hamiltonian p-median problem. *European Journal of Operational Research*, **2016**, 253, 280-289	5.4	13
234	A comparison of three idling options in long-haul truck scheduling. *Transportation Research Part B: Methodological*, **2016**, 93, 631-647	6.8	16
233	The Rainbow Cycle Cover Problem. *Networks*, **2016**, 68, 260-270	1.6	7
232	A column generation post-optimization heuristic for the integrated aircraft and passenger recovery problem. *Computers and Operations Research*, **2016**, 65, 42-52	4.5	17
231	Thirty years of heterogeneous vehicle routing. *European Journal of Operational Research*, **2016**, 249, 1-21	5.4	132
230	Robust assembly line balancing with heterogeneous workers. *Computers and Industrial Engineering*, **2015**, 88, 254-263	6.3	32
229	The Minimum Flow Cost Hamiltonian Cycle Problem: A comparison of formulations. *Discrete Applied Mathematics*, **2015**, 187, 140-154	1	4
228	Path based algorithms for metro network design. *Computers and Operations Research*, **2015**, 62, 78-94	4.5	19

227	A hybrid evolutionary algorithm for heterogeneous fleet vehicle routing problems with time windows. *Computers and Operations Research*, **2015**, 64, 11-27	4.5	72
226	Multi-level facility location as the maximization of a submodular set function. *European Journal of Operational Research*, **2015**, 247, 1013-1016	5.4	11
225	Supply vessel planning under cost, environment and robustness considerations. *Omega*, **2015**, 57, 271-281	7	20
224	Shared mobility systems. *4or*, **2015**, 13, 341-360	1.4	55
223	Tactical network planning for food aid distribution in Kenya. *Computers and Operations Research*, **2015**, 56, 68-83	4.5	38
222	Classification, models and exact algorithms for multi-compartment delivery problems. *European Journal of Operational Research*, **2015**, 242, 854-864	5.4	38
221	A multi-compartment vehicle routing problem arising in the collection of olive oil in Tunisia. *Omega*, **2015**, 51, 1-10	7	54
220	Branch-Price-and-Cut Algorithms for the Pickup and Delivery Problem with Time Windows and Last-in-First-Out Loading. *Transportation Science*, **2015**, 49, 752-766	3.7	29
219	A population-based metaheuristic for the pickup and delivery problem with time windows and LIFO loading. *Computers and Operations Research*, **2015**, 62, 23-35	4.5	50
218	Dynamic design of sales territories. *Computers and Operations Research*, **2015**, 56, 84-92	4.5	30
217	An optimised target-level inventory replenishment policy for vendor-managed inventory systems. *International Journal of Production Research*, **2015**, 53, 3651-3660	7.6	14
216	The Design of Rapid Transit Networks **2015**, 581-594		3
215	Transferability of collective transportation line networks from a topological and passenger demand perspective. *Networks and Heterogeneous Media*, **2015**, 10, 1-16	1	8
214	Chapter 4: Heuristics for the Vehicle Routing Problem **2014**, 87-116		28
213	A comparison of several models for the hamiltonian p-median problem. *Networks*, **2014**, 63, 350-363	1.6	8
212	Scheduling twin robots on a line. *Naval Research Logistics*, **2014**, 61, 119-130	1.5	18
211	Exact formulations and algorithm for the train timetabling problem with dynamic demand. *Computers and Operations Research*, **2014**, 44, 66-74	4.5	112
210	The bi-objective Pollution-Routing Problem. *European Journal of Operational Research*, **2014**, 232, 464-478	5.4	291

209	A hybrid variable neighborhood tabu search heuristic for the vehicle routing problem with multiple time windows. *Computers and Operations Research*, **2014**, 52, 269-281	4.5	86
208	The dynamic multiperiod vehicle routing problem with probabilistic information. *Computers and Operations Research*, **2014**, 48, 31-39	4.5	43
207	Thirty Years of Inventory Routing. *Transportation Science*, **2014**, 48, 1-19	3.7	298
206	The static bicycle relocation problem with demand intervals. *European Journal of Operational Research*, **2014**, 238, 451-457	5.4	88
205	The multi-district team orienteering problem. *Computers and Operations Research*, **2014**, 41, 76-82	4.5	16
204	Districting for Arc Routing. *INFORMS Journal on Computing*, **2014**, 26, 809-824	2.3	39
203	Adding a new station and a road link to a road-rail network in the presence of modal competition. *Transportation Research Part B: Methodological*, **2014**, 68, 1-16	6.8	9
202	The fleet size and mix pollution-routing problem. *Transportation Research Part B: Methodological*, **2014**, 70, 239-254	6.8	171
201	A review of recent research on green road freight transportation. *European Journal of Operational Research*, **2014**, 237, 775-793	5.4	448
200	Partial-route inequalities for the multi-vehicle routing problem with stochastic demands. *Discrete Applied Mathematics*, **2014**, 177, 121-136	1	24
199	Heuristics for dynamic and stochastic inventory-routing. *Computers and Operations Research*, **2014**, 52, 55-67	4.5	55
198	Single-line rail rapid transit timetabling under dynamic passenger demand. *Transportation Research Part B: Methodological*, **2014**, 70, 134-150	6.8	128
197	Improvements to a large neighborhood search heuristic for an integrated aircraft and passenger recovery problem. *European Journal of Operational Research*, **2014**, 233, 234-245	5.4	38
196	Optimal joint replenishment, delivery and inventory management policies for perishable products. *Computers and Operations Research*, **2014**, 47, 42-52	4.5	121
195	Improved solutions for inventory-routing problems through valid inequalities and input ordering. *International Journal of Production Economics*, **2014**, 155, 391-397	9.1	81
194	The Tube Challenge. *Infor*, **2014**, 52, 10-13	0.5	
193	Simultaneous Frequency and Capacity Setting in Uncapacitated Metro Lines in Presence of a Competing Mode. *Transportation Research Procedia*, **2014**, 3, 289-298	2.3	5
192	Combining multicriteria analysis and tabu search for dial-a-ride problems. *Transportation Research Part B: Methodological*, **2013**, 52, 1-16	6.8	69

191	Rapid transit network design for optimal cost and origin–destination demand capture. *Computers and Operations Research*, **2013**, 40, 3000-3009	4.5	31
190	Improved lower bounds and exact algorithm for the capacitated arc routing problem. *Mathematical Programming*, **2013**, 137, 409-452	2	34
189	Optimal location and capability of oil-spill response facilities for the south coast of Newfoundland. *Omega*, **2013**, 41, 856-867	7	24
188	The time-dependent pollution-routing problem. *Transportation Research Part B: Methodological*, **2013**, 56, 265-293	6.8	218
187	The orienteering problem with variable profits. *Networks*, **2013**, 61, 104-116	1.6	37
186	Long-Haul Vehicle Routing and Scheduling with Working Hour Rules. *Transportation Science*, **2013**, 47, 81-107	3.7	49
185	A branch-and-cut algorithm for the multi-product multi-vehicle inventory-routing problem. *International Journal of Production Research*, **2013**, 51, 7156-7169	7.6	96
184	An Exact Algorithm for the Capacitated Arc Routing Problem with Deadheading Demand. *Operations Research*, **2013**, 61, 315-327	2.2	13
183	The exact solution of several classes of inventory-routing problems. *Computers and Operations Research*, **2013**, 40, 558-565	4.5	115
182	Rich routing problems arising in supply chain management. *European Journal of Operational Research*, **2013**, 224, 435-448	5.4	72
181	The synchronized arc and node routing problem: Application to road marking. *Computers and Operations Research*, **2013**, 40, 1708-1715	4.5	25
180	Analysis of an exact algorithm for the vessel speed optimization problem. *Networks*, **2013**, 62, 132-135	1.6	73
179	An adaptive large neighborhood search heuristic for the Pollution-Routing Problem. *European Journal of Operational Research*, **2012**, 223, 346-359	5.4	360
178	The undirected m-Capacitated Peripatetic Salesman Problem. *European Journal of Operational Research*, **2012**, 223, 637-643	5.4	6
177	A continuous approximation model for the fleet composition problem. *Transportation Research Part B: Methodological*, **2012**, 46, 1591-1606	6.8	31
176	Districting for routing with stochastic customers. *EURO Journal on Transportation and Logistics*, **2012**, 1, 67-85	2.3	33
175	Robust Inventory Routing Under Demand Uncertainty. *Transportation Science*, **2012**, 46, 327-340	3.7	74
174	Measuring quality of service in dial-a-ride operations: the case of a Canadian city. *Transportation*, **2012**, 39, 539-564	4	41

173	A generalized variable neighborhood search heuristic for the capacitated vehicle routing problem with stochastic service times. *Top*, **2012**, 20, 99-118	1.2	37
172	Metaheuristics for the traveling salesman problem with pickups, deliveries and handling costs. *Computers and Operations Research*, **2012**, 39, 1074-1086	4.5	17
171	Synchronized arc routing for snow plowing operations. *Computers and Operations Research*, **2012**, 39, 1432-1440	4.5	52
170	The Traveling Salesman Problem with Draft Limits. *Computers and Operations Research*, **2012**, 39, 2161-2167	4.5	27
169	The inventory-routing problem with transshipment. *Computers and Operations Research*, **2012**, 39, 2537-2548	4.5	145
168	A comparison of three metaheuristics for the workover rig routing problem. *European Journal of Operational Research*, **2012**, 220, 28-36	5.4	27
167	Evaluating passenger robustness in a rail transit network. *Transportation Research Part C: Emerging Technologies*, **2012**, 20, 34-46	7.9	96
166	Consistency in multi-vehicle inventory-routing. *Transportation Research Part C: Emerging Technologies*, **2012**, 24, 270-287	7.9	117
165	A branch-and-cut algorithm for the preemptive swapping problem. *Networks*, **2012**, 59, 387-399	1.6	7
164	An adaptive large neighborhood search heuristic for the cumulative capacitated vehicle routing problem. *Computers and Operations Research*, **2012**, 39, 728-735	4.5	160
163	The Vehicle Routing Problem with Stochastic Demands and Split Deliveries. *Infor*, **2012**, 50, 59-71	0.5	11
162	A Large Neighbourhood Search Heuristic for a Periodic Supply Vessel Planning Problem Arising in Offshore Oil and Gas Operations. *Infor*, **2012**, 50, 195-204	0.5	19
161	A Hybrid Tabu Search and Constraint Programming Algorithm for the Dynamic Dial-a-Ride Problem. *INFORMS Journal on Computing*, **2012**, 24, 343-355	2.3	52
160	The pipeline and valve location problem. *European Journal of Industrial Engineering*, **2012**, 6, 301	0.5	5
159	Exact Solution of Large-Scale Hub Location Problems with Multiple Capacity Levels. *Transportation Science*, **2012**, 46, 439-459	3.7	45
158	A Generic Branch-and-Cut Algorithm for Multiobjective Optimization Problems: Application to the Multilabel Traveling Salesman Problem. *INFORMS Journal on Computing*, **2012**, 24, 554-564	2.3	26
157	A comparative analysis of several vehicle emission models for road freight transportation. *Transportation Research, Part D: Transport and Environment*, **2011**, 16, 347-357	6.2	232
156	Planning rapid transit networks. *Socio-Economic Planning Sciences*, **2011**, 45, 95-104	3.7	33

155	Optimizing yard assignment in an automotive transshipment terminal. *European Journal of Operational Research*, **2011**, 215, 149-160	5.4	26
154	A large neighbourhood search heuristic for the aircraft and passenger recovery problem. *4or*, **2011**, 9, 139-157	1.4	32
153	A computational comparison of several models for the exact solution of the capacity and distance constrained plant location problem. *Computers and Operations Research*, **2011**, 38, 1109-1116	4.5	10
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