Ola Jabali

List of Publications by Year
in descending order

42 papers	2,853 citations	257101 24 h-index	288905 40 g-index
42 all docs	42 docs citations	42 times ranked	2181 citing authors

#	Article	IF	Citations
1	Battery degradation and behaviour for electric vehicles: Review and numerical analyses of several models. Transportation Research Part B: Methodological, 2017, 103, 158-187.	2.8	301
2	Analysis of Travel Times and CO_2 Emissions in Time‐Dependent Vehicle Routing. Production and Operations Management, 2012, 21, 1060-1074.	2.1	240
3	50th Anniversary Invited Article—Goods Distribution with Electric Vehicles: Review and Research Perspectives. Transportation Science, 2016, 50, 3-22.	2.6	223
4	The fleet size and mix pollution-routing problem. Transportation Research Part B: Methodological, 2014, 70, 239-254.	2.8	207
5	Thirty years of heterogeneous vehicle routing. European Journal of Operational Research, 2016, 249, 1-21.	3.5	184
6	The electric vehicle routing problem with energy consumption uncertainty. Transportation Research Part B: Methodological, 2019, 126, 225-255.	2.8	142
7	Improved formulations and algorithmic components for the electric vehicle routing problem with nonlinear charging functions. Computers and Operations Research, 2019, 104, 256-294.	2.4	129
8	The impact of depot location, fleet composition and routing on emissions in city logistics. Transportation Research Part B: Methodological, 2016, 84, 81-102.	2.8	124
9	50th Anniversary Invited Article—Future Research Directions in Stochastic Vehicle Routing. Transportation Science, 2016, 50, 1163-1173.	2.6	107
10	The electric bus fleet transition problem. Transportation Research Part C: Emerging Technologies, 2019, 109, 174-193.	3.9	101
11	A hybrid evolutionary algorithm for heterogeneous fleet vehicle routing problems with time windows. Computers and Operations Research, 2015, 64, 11-27.	2.4	93
12	Charge scheduling for electric freight vehicles. Transportation Research Part B: Methodological, 2018, 115, 246-269.	2.8	92
13	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.	3.5	78
14	Staggered work shifts: a way to downsize and restructure an emergency department workforce yet maintain current operational performance. Health Care Management Science, 2007, 10, 293-308.	1.5	76
15	The electric vehicle routing problem with shared charging stations. International Transactions in Operational Research, 2019, 26, 1211-1243.	1.8	76
16	Multi-period Vehicle Routing Problem with Due dates. Computers and Operations Research, 2015, 61, 122-134.	2.4	73
17	A Vehicle Routing Problem with Flexible Time Windows. Computers and Operations Research, 2014, 52, 39-54.	2.4	65
18	Self-imposed time windows in vehicle routing problems. OR Spectrum, 2015, 37, 331-352.	2.1	47

#	Article	IF	Citations
19	An exact algorithm to solve the vehicle routing problem with stochastic demands under an optimal restocking policy. European Journal of Operational Research, 2019, 273, 175-189.	3.5	47
20	The traveling salesman problem with time-dependent service times. European Journal of Operational Research, 2016, 248, 372-383.	3.5	43
21	A continuous approximation model for the fleet composition problem. Transportation Research Part B: Methodological, 2012, 46, 1591-1606.	2.8	42
22	Partial-route inequalities for the multi-vehicle routing problem with stochastic demands. Discrete Applied Mathematics, 2014, 177, 121-136.	0.5	37
23	Continuous approximation models in freight distribution management. Top, 2017, 25, 413-433.	1.1	37
24	The Electric Vehicle Routing Problem with Capacitated Charging Stations. Transportation Science, 2022, 56, 460-482.	2.6	35
25	Chapter 8: Stochastic Vehicle Routing Problems. , 2014, , 213-239.		33
26	Reducing emergency department waiting times by adjusting work shifts considering patient visits to multiple care providers. IIE Transactions, 2012, 44, 163-180.	2.1	26
27	Scheduled service network design with resource management for two-tier multimodal city logistics. European Journal of Operational Research, 2021, 294, 558-570.	3.5	25
28	Long-haul vehicle routing and scheduling with idling options. Journal of the Operational Research Society, 2018, 69, 235-246.	2.1	24
29	Time-dependent vehicle routing subject to time delay perturbations. IIE Transactions, 2009, 41, 1049-1066.	2.1	23
30	A comparison of three idling options in long-haul truck scheduling. Transportation Research Part B: Methodological, 2016, 93, 631-647.	2.8	22
31	A capacitated lot sizing problem with stochastic setup times and overtime. European Journal of Operational Research, 2019, 273, 146-159.	3.5	17
32	A hybrid recourse policy for the vehicle routing problem with stochastic demands. EURO Journal on Transportation and Logistics, 2019, 8, 269-298.	1.3	16
33	A local branching matheuristic for the multi-vehicle routing problem with stochastic demands. Journal of Heuristics, 2019, 25, 215-245.	1.1	13
34	A Rule-Based Recourse for the Vehicle Routing Problem with Stochastic Demands. Transportation Science, 2019, 53, 1334-1353.	2.6	12
35	Minimum cost network design in strategic alliances. Omega, 2020, 96, 102079.	3.6	12
36	Exact Solution of the Evasive Flow Capturing Problem. Operations Research, 2018, 66, 1625-1640.	1.2	11

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37	Demand-Driven Timetabling for a Metro Corridor Using a Short-Turning Acceleration Strategy. Transportation Science, 2022, 56, 919-937.	2.6	5
38	The Impact of Combining Inbound and Outbound Demand in City Logistics Systems. , 2017, , .		4
39	A Flexible, Natural Formulation for the Network Design Problem with Vulnerability Constraints. INFORMS Journal on Computing, 2020, 32, 120-134.	1.0	4
40	The Bi-objective Long-haul Transportation Problem on a Road Network. Omega, 2022, 106, 102522.	3.6	4
41	Metro Scheduling for Special Events. Transportation Research Procedia, 2021, 52, 147-154.	0.8	2
42	Rejoinder on: Continuous approximation models in freight distribution management. Top, 2017, 25, 443-444.	1.1	1