

Emrah Demir

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,464
citations

279798

23
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

2174
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of recent research on green road freight transportation. European Journal of Operational Research, 2014, 237, 775-793.	5.7	595
2	An adaptive large neighborhood search heuristic for the Pollution-Routing Problem. European Journal of Operational Research, 2012, 223, 346-359.	5.7	508
3	The bi-objective Pollution-Routing Problem. European Journal of Operational Research, 2014, 232, 464-478.	5.7	390
4	A comparative analysis of several vehicle emission models for road freight transportation. Transportation Research, Part D: Transport and Environment, 2011, 16, 347-357.	6.8	307
5	A selected review on the negative externalities of the freight transportation: Modeling and pricing. Transportation Research, Part E: Logistics and Transportation Review, 2015, 77, 95-114.	7.4	172
6	An adaptive large neighborhood search heuristic for the Pickup and Delivery Problem with Time Windows and Scheduled Lines. Computers and Operations Research, 2016, 72, 12-30.	4.0	147
7	A green intermodal service network design problem with travel time uncertainty. Transportation Research Part B: Methodological, 2016, 93, 789-807.	5.9	139
8	A metaheuristic for the time-dependent pollution-routing problem. European Journal of Operational Research, 2017, 259, 972-991.	5.7	117
9	The green vehicle routing problem: A systematic literature review. Journal of Cleaner Production, 2021, 279, 123691.	9.3	109
10	The dial-a-ride problem with electric vehicles and battery swapping stations. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 392-420.	7.4	91
11	An adaptive large neighborhood search heuristic for the vehicle routing problem with time windows and delivery robots. European Journal of Operational Research, 2021, 294, 1164-1180.	5.7	83
12	The adoption of self-driving delivery robots in last mile logistics. Transportation Research, Part E: Logistics and Transportation Review, 2021, 146, 102214.	7.4	72
13	A scenario-based planning for the pickup and delivery problem with time windows, scheduled lines and stochastic demands. Transportation Research Part B: Methodological, 2016, 91, 34-51.	5.9	63
14	An Exact Approach for a Variant of the Pollution-Routing Problem. Transportation Science, 2017, 51, 607-628.	4.4	63
15	Robust solutions to the pollution-routing problem with demand and travel time uncertainty. Transportation Research, Part D: Transport and Environment, 2017, 51, 351-363.	6.8	56
16	Hybrid simulation and optimization approach for green intermodal transportation problem with travel time uncertainty. Flexible Services and Manufacturing Journal, 2018, 30, 486-516.	3.4	47
17	Green intermodal freight transportation: bi-objective modelling and analysis. International Journal of Production Research, 2019, 57, 6162-6180.	7.5	46
18	Solving the vehicle routing problem with multi-compartment vehicles for city logistics. Computers and Operations Research, 2020, 115, 104859.	4.0	46

#	ARTICLE	IF	CITATIONS
19	Branch-and-Price for the Pickup and Delivery Problem with Time Windows and Scheduled Lines. <i>Transportation Science</i> , 2018, 52, 1191-1210.	4.4	42
20	Green Vehicle Routing. <i>Profiles in Operations Research</i> , 2016, , 243-265.	0.4	39
21	On the mathematical modeling of green one-to-one pickup and delivery problem with road segmentation. <i>Journal of Cleaner Production</i> , 2018, 174, 1664-1678.	9.3	36
22	Real-time disruption management approach for intermodal freight transportation. <i>Journal of Cleaner Production</i> , 2021, 280, 124826.	9.3	33
23	The dynamic shortest path problem with time-dependent stochastic disruptions. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 92, 42-57.	7.6	29
24	The pickup and delivery problem with time windows and scheduled lines. <i>Infor</i> , 2016, 54, 147-167.	0.6	23
25	A deteriorating inventory routing problem for an inland liquefied natural gas distribution network. <i>Transportation Research Part B: Methodological</i> , 2019, 126, 45-67.	5.9	21
26	Hybrid adaptive large neighborhood search algorithm for the mixed fleet heterogeneous dial-a-ride problem. <i>Journal of Heuristics</i> , 2020, 26, 83-118.	1.4	21
27	A study on the heterogeneous fleet of alternative fuel vehicles: Reducing CO2 emissions by means of biodiesel fuel. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 63, 137-155.	6.8	19
28	Managing Your Supply Chain Pantry: Food Waste Mitigation Through Inventory Control. <i>IEEE Engineering Management Review</i> , 2019, 47, 97-102.	1.3	17
29	Multi-Objective Volleyball Premier League algorithm. <i>Knowledge-Based Systems</i> , 2020, 196, 105781.	7.1	17
30	Last mile logistics: Research trends and needs. <i>IMA Journal of Management Mathematics</i> , 2022, 33, 549-561.	1.6	16
31	A review of recent advances in the operations research literature on the green routing problem and its variants. <i>Annals of Operations Research</i> , 2021, 304, 529-574.	4.1	14
32	Measurement, mitigation and prevention of food waste in supply chains: An online shopping perspective. <i>Industrial Marketing Management</i> , 2021, 93, 545-562.	6.7	13
33	Quantum Henry gas solubility optimization algorithm for global optimization. <i>Engineering With Computers</i> , 2022, 38, 2329-2348.	6.1	12
34	A risk-constrained time-dependent cash-in-transit routing problem in multigraph under uncertainty. <i>European Journal of Operational Research</i> , 2021, 293, 703-730.	5.7	12
35	Multi-objective periodic cash transportation problem with path dissimilarity and arrival time variation. <i>Expert Systems With Applications</i> , 2021, 164, 114015.	7.6	10
36	Multidepot Distribution Planning at Logistics Service Provider Nabuurs B.V.. <i>Interfaces</i> , 2014, 44, 591-604.	1.5	9

#	ARTICLE	IF	CITATIONS
37	An Improved Tabu Search Algorithm for a Multi-Period Bid Generation Problem with the Consideration of Delivery Lead Time. IFAC-PapersOnLine, 2019, 52, 2602-2607.	0.9	5
38	Value Creation Through Green Vehicle Routing. Operations Research/ Computer Science Interfaces Series, 2018, , 63-78.	0.3	4
39	Container truck transportation routing as a Mixed Fleet Heterogeneous Dial-a-Ride Problem. MATEC Web of Conferences, 2020, 312, 02005.	0.2	3
40	Mathematical modeling of CO ₂ emissions in one-to-one pickup and delivery problems. , 2013, , .		2
41	Methodological Approaches to Reliable and Green Intermodal Transportation. Springer Optimization and Its Applications, 2017, , 153-179.	0.9	2
42	Drones and Delivery Robots: Models and Applications to Last Mile Delivery. , 2022, , 859-882.		1