Bahar Y Kara

List of Publications by Citations

56 papers	2,793 citations	27 h-index	52 g-index
58 ext. papers	3,293 ext. citations	4.4 avg, IF	5.75 L-index

#	Paper	IF	Citations
56	Network hub location problems: The state of the art. *European Journal of Operational Research*, **2008**, 190, 1-21	5.6	578
55	Designing a Road Network for Hazardous Materials Transportation. *Transportation Science*, **2004**, 38, 188-196	4.4	208
54	A new model for the hazardous waste location-routing problem. *Computers and Operations Research*, **2007**, 34, 1406-1423	4.6	188
53	Locating temporary shelter areas after an earthquake: A case for Turkey. *European Journal of Operational Research*, **2015**, 243, 323-332	5.6	142
52	Multimodal hub location and hub network design. *Omega*, **2012**, 40, 927-939	7.2	115
51	The design of single allocation incomplete hub networks. *Transportation Research Part B: Methodological*, **2009**, 43, 936-951	7.2	110
50	On the single-assignment p-hub center problem. *European Journal of Operational Research*, **2000**, 125, 648-655	5.6	108
49	A hub covering model for cargo delivery systems. *Networks*, **2007**, 49, 28-39	1.6	105
48	A tabu-search based heuristic for the hub covering problem over incomplete hub networks. *Computers and Operations Research*, **2009**, 36, 3088-3096	4.6	97
47	A Path-Based Approach for Hazmat Transport Network Design. *Management Science*, **2008**, 54, 29-40	3.9	93
46	Hierarchical multimodal hub location problem with time-definite deliveries. *Transportation Research, Part E: Logistics and Transportation Review*, **2012**, 48, 1107-1120	9	79
45	A GIS-based framework for hazardous materials transport risk assessment. *Risk Analysis*, **2001**, 21, 1109-20	3.9	79
44	The Latest Arrival Hub Location Problem. *Management Science*, **2001**, 47, 1408-1420	3.9	73
43	The latest arrival hub location problem for cargo delivery systems with stopovers. *Transportation Research Part B: Methodological*, **2007**, 41, 906-919	7.2	64
42	Designing emergency response networks for hazardous materials transportation. *Computers and Operations Research*, **2007**, 34, 1374-1388	4.6	61
41	Hub location under competition. *European Journal of Operational Research*, **2016**, 250, 214-225	5.6	46
40	Hazardous waste management system design under population and environmental impact considerations. *Journal of Environmental Management*, **2017**, 203, 720-731	7.9	42

39	Selective vehicle routing for a mobile blood donation system. *European Journal of Operational Research*, **2015**, 245, 22-34	5.6	42
38	A hub covering network design problem for cargo applications in Turkey. *Journal of the Operational Research Society*, **2009**, 60, 1349-1359	2	41
37	The green location-routing problem. *Computers and Operations Research*, **2019**, 105, 187-202	4.6	39
36	Debris removal during disaster response: A case for Turkey. *Socio-Economic Planning Sciences*, **2016**, 53, 49-59	3.7	39
35	Hazardous waste management problem: The case for incineration. *Computers and Operations Research*, **2007**, 34, 1424-1441	4.6	38
34	The P-Hub maximal covering problem and extensions for gradual decay functions. *Omega*, **2015**, 54, 158-172	7.1	35
33	Modeling the shelter site location problem using chance constraints: A case study for Istanbul. *European Journal of Operational Research*, **2018**, 270, 132-145	5.6	29
32	Routing and scheduling decisions in the hierarchical hub location problem. *Computers and Operations Research*, **2017**, 85, 45-57	4.6	28
31	Perspectives on modeling hub location problems. *European Journal of Operational Research*, **2021**, 291, 1-17	5.6	28
30	Efficient simulated annealing based solution approaches to the competitive single and multiple allocation hub location problems. *Computers and Operations Research*, **2018**, 90, 173-192	4.6	27
29	Post-disaster assessment routing problem. *Transportation Research Part B: Methodological*, **2018**, 116, 76-102	7.2	27
28	Solution methodologies for debris removal in disaster response. *EURO Journal on Computational Optimization*, **2016**, 4, 403-445	1.2	26
27	Release Time Scheduling and Hub Location for Next-Day Delivery. *Operations Research*, **2012**, 60, 906-917	2.3	26
26	A New Formulation Approach for Location-Routing Problems. *Networks and Spatial Economics*, **2012**, 12, 635-659	1.9	19
25	Green hub location problem. *Transportation Research, Part E: Logistics and Transportation Review*, **2019**, 125, 116-139	9	17
24	Shelter site location under multi-hazard scenarios. *Computers and Operations Research*, **2019**, 106, 102-118	4.6	16
23	An efficient algorithm for the single machine total tardiness problem. *IIE Transactions*, **2001**, 33, 661-674		14
22	Benders Decomposition Algorithms for Two Variants of the Single Allocation Hub Location Problem. *Networks and Spatial Economics*, **2019**, 19, 83-108	1.9	14

21	Hub Location Problems: The Location of Interacting Facilities. *Profiles in Operations Research*, **2011**, 273-288	2	12
20	Spatial Analysis of Single Allocation Hub Location Problems. *Networks and Spatial Economics*, **2016**, 16, 1075-1101	1.9	11
19	Distribution network design on the battlefield. *Naval Research Logistics*, **2011**, 58, 188-209	1.5	10
18	Minimizing energy and cost in range-limited drone deliveries with speed optimization. *Transportation Research Part C: Emerging Technologies*, **2021**, 125, 102985	8.4	9
17	Humanitarian facility location under uncertainty: Critical review and future prospects. *Omega*, **2021**, 102, 102393	7.2	8
16	Hub Location Problem with Allowed Routing between Nonhub Nodes. *Geographical Analysis*, **2015**, 47, 410-430	2.9	7
15	Fiber optical network design problems: A case for Turkey. *Omega*, **2016**, 63, 23-40	7.2	7
14	Organ transplantation logistics: a case for Turkey. *OR Spectrum*, **2019**, 41, 327-356	1.9	7
13	The refugee camp management: a general framework and a unifying decision-making model. *Journal of Humanitarian Logistics and Supply Chain Management*, **2019**, 9, 131-150	2.4	6
12	Humanitarian Logistics **2017**, 272-309		5
11	Endogenous Effects of Hubbing on Flow Intensities. *Networks and Spatial Economics*, **2016**, 16, 1151-1181	1.9	4
10	Location and Logistics **2015**, 419-441		4
9	A conditional □mean approach to risk-averse stochastic multiple allocation hub location problems. *Transportation Research, Part E: Logistics and Transportation Review*, **2022**, 158, 102602	9	3
8	An Efficient Algorithm for the Single Machine Total Tardiness Problem. *IIE Transactions*, **2001**, 33, 661-674		2
7	Clean Water Network Design for Refugee Camps. *Networks and Spatial Economics*, **2021**, 21, 175-198	1.9	2
6	The stratified p-hub center and p-hub maximal covering problems. *Transportation Research Part B: Methodological*, **2022**, 157, 120-148	7.2	1
5	Covering vehicle routing problem: application for mobile child friendly spaces for refugees. *OR Spectrum*,1	1.9	1
4	Fair allocation of personal protective equipment to health centers during early phases of a pandemic. *Computers and Operations Research*, **2022**, 141, 105690	4.6	0

3	Location Problems in Humanitarian Supply Chains **2019**, 611-629		0
2	Mobile healthcare services in rural areas: an application with periodic location routing problem.. *OR Spectrum*, **2022**, 1-36	1.9	0
1	Comments on: Static and dynamic source locations in undirected networks. *Top*, **2015**, 23, 650-651	1.3	