F Sibel Salman

List of Publications by Year
in descending order

61 papers	2,391 citations	249298 26 h-index	242451 47 g-index
61 all docs	61 docs citations	61 times ranked	2068 citing authors

#	Article	IF	Citations
1	Routing multiple work teams to minimize latency in post-disaster road network restoration. European Journal of Operational Research, 2022, 300, 237-254.	3.5	15
2	A learning based algorithm for drone routing. Computers and Operations Research, 2022, 137, 105524.	2.4	8
3	Optimizing two-dimensional vehicle loading and dispatching decisions in freight logistics. European Journal of Operational Research, 2022, 302, 954-969.	3.5	4
4	Relief Aid Provision to En Route Refugees: Multi-Period Mobile Facility Location with Mobile Demand. European Journal of Operational Research, 2022, 301, 708-725.	3.5	5
5	Prioritized single nurse routing and scheduling for home healthcare services. European Journal of Operational Research, 2021, 289, 867-878.	3.5	37
6	An online optimization approach to post-disaster road restoration. Transportation Research Part B: Methodological, 2021, 150, 1-25.	2.8	27
7	Modeling mobile health service delivery to Syrian migrant farm workers using call record data. Socio-Economic Planning Sciences, 2021, 77, 101005.	2.5	7
8	A data-driven optimization framework for routing mobile medical facilities. Annals of Operations Research, 2020, 291, 1077-1102.	2.6	9
9	Online optimization of first-responder routes in disaster response logistics. IBM Journal of Research and Development, 2020, 64, 13:1-13:9.	3.2	10
10	Data Analytics for Operational Risk Management. Decision Sciences, 2020, 51, 1316-1319.	3.2	123
11	Role of Analytics for Operational Risk Management in the Era of Big Data. Decision Sciences, 2020, 51, 1320-1346.	3.2	81
12	Online routing and scheduling of search-and-rescue teams. OR Spectrum, 2020, 42, 755-784.	2.1	20
13	The Approximability of Multiple Facility Location on Directed Networks with Random Arc Failures. Algorithmica, 2020, 82, 2474-2501.	1.0	2
14	On the randomized online strategies for the k-Canadian traveler problem. Journal of Combinatorial Optimization, 2019, 38, 254-267.	0.8	11
15	Minimizing latency in post-disaster road clearance operations. European Journal of Operational Research, 2019, 277, 1098-1112.	3.5	35
16	The capacitated mobile facility location problem. European Journal of Operational Research, 2019, 277, 507-520.	3.5	27
17	Inequity-averse shelter location for disaster preparedness. IISE Transactions, 2019, 51, 809-829.	1.6	33
18	Relief aid stocking decisions under bilateral agency cooperation. Socio-Economic Planning Sciences, 2019, 67, 147-165.	2.5	18

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19	Competitive analysis of randomized online strategies for the multi-agent k-Canadian Traveler Problem. Journal of Combinatorial Optimization, 2019, 37, 848-865.	0.8	11
20	Improving post-disaster road network accessibility by strengthening links against failures. European Journal of Operational Research, 2018, 269, 406-422.	3.5	46
21	Customer mobility signatures and financial indicators as predictors in product recommendation. PLoS ONE, 2018, 13, e0201197.	1.1	6
22	Multi-vehicle prize collecting arc routing for connectivity problem. Computers and Operations Research, 2017, 82, 52-68.	2.4	43
23	An adaptive and diversified vehicle routing approach to reducing the security risk of cashâ€inâ€transit operations. Networks, 2017, 69, 256-269.	1.6	18
24	Multiple facility location on a network with linear reliability order of edges. Journal of Combinatorial Optimization, 2017, 34, 931-955.	0.8	10
25	On the online multi-agent Oâ€“D k-Canadian Traveler Problem. Journal of Combinatorial Optimization, 2017, 34, 453-461.	0.8	15
26	Multi-vehicle synchronized arc routing problem to restore post-disaster network connectivity. European Journal of Operational Research, 2017, 257, 625-640.	3.5	88
27	Arc routing problems to restore connectivity of a road network. Transportation Research, Part E: Logistics and Transportation Review, 2016, 95, 177-206.	3.7	58
28	Emergency facility location under random network damage: Insights from the Istanbul case. Computers and Operations Research, 2015, 62, 266-281.	2.4	137
29	Analysis of Mobile Phone Call Data of Istanbul Residents. Advances in Geospatial Technologies Book Series, 2015, , 1-32.	0.1	0
30	Deployment of field hospitals in mass casualty incidents. Computers and Industrial Engineering, 2014, 74, 37-51.	3.4	64
31	Staff rostering in call centers providing employee transportation. Omega, 2014, 43, 41-53.	3.6	21
32	An adaptive large neighborhood search algorithm for a selective and periodic inventory routing problem. European Journal of Operational Research, 2014, 239, 413-426.	3.5	78
33	A constant-factor approximation algorithm for multi-vehicle collection for processing problem. Optimization Letters, 2013, 7, 1627-1642.	0.9	3
34	Optimizing specimen collection for processing in clinical testing laboratories. European Journal of Operational Research, 2013, 227, 503-514.	3.5	17
35	Modeling Earthquake Vulnerability of Highway Networks. Electronic Notes in Discrete Mathematics, 2013, 41, 319-326.	0.4	10
36	Selective and periodic inventory routing problem for waste vegetable oil collection. Optimization Letters, 2012, 6, 1063-1080.	0.9	56

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37	A tabu search algorithm for order acceptance and scheduling. Computers and Operations Research, 2012, 39, 1197-1205.	2.4	114
38	Hybrid Adaptive Large Neighborhood Search for the Optimal Statistic Median Problem. Computers and Operations Research, 2012, 39, 2679-2687.	2.4	3
39	Locating disaster response facilities in Istanbul. Journal of the Operational Research Society, 2011, 62, 1239-1252.	2.1	107
40	Assessing the reliability and the expected performance of a network under disaster risk. OR Spectrum, 2011, 33, 499-523.	2.1	46
41	Multi-item dynamic lot-sizing with delayed transportation policy. International Journal of Production Economics, 2011, 131, 595-603.	5.1	21
42	Order acceptance and scheduling decisions in make-to-order systems. International Journal of Production Economics, 2010, 125, 200-211.	5.1	146
43	Pre-disaster investment decisions for strengthening a highway network. Computers and Operations Research, 2010, 37, 1708-1719.	2.4	199
44	Analysis and network representation of hotspots in protein interfaces using minimum cut trees. Proteins: Structure, Function and Bioinformatics, 2010, 78, 2283-2294.	1.5	58
45	Optimizing product assortment under customer-driven demand substitution. European Journal of Operational Research, 2009, 199, 759-768.	3.5	78
46	Tractable Cases of Facility Location on a Network with a Linear Reliability Order of Links. Lecture Notes in Computer Science, 2009, , 275-276.	1.0	4
47	System optimization for peer-to-peer multi hop video broadcasting in wireless ad hoc networks. , 2008, , .		1
48	Solving the Capacitated Local Access Network Design Problem. INFORMS Journal on Computing, 2008, 20, 243-254.	1.0	13
49	Manufacturing parts sourcing with delayed transportation policy. , 2007, , .		1
50	Automatic Vehicle Counting from Video for Traffic Flow Analysis. Intelligent Vehicles Symposium, 2009 IEEE, 2007, , .	0.0	69
51	Shift Scheduling in Call Centers with Multiple Skill Sets and Transportation Costs. , 2007, , .		1
52	A mixed-integer programming approach to the clustering problem with an application in customer segmentation. European Journal of Operational Research, 2006, 173, 866-879.	3.5	74
53	Approximation Algorithms for a Capacitated Network Design Problem. Algorithmica, 2004, 38, 417-431.	1.0	26
54	Cooperative Strategies for Solving the Bicriteria Sparse Multiple Knapsack Problem. Journal of Heuristics, 2002, 8, 215-239.	1.1	8

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55	Approximating the Single-Sink Link-Installation Problem in Network Design. SIAM Journal on Optimization, 2001, 11, 595-610.	1.2	70
56	On approximating planar metrics by tree metrics. Information Processing Letters, 2001, 80, 213-219.	0.4	32
57	On the Integrality Gap of a Natural Formulation of the Single-sink Buy-at-Bulk Network Design Problem. Lecture Notes in Computer Science, 2001, , 170-184.	1.0	29
58	Approximation Algorithms for the Multiple Knapsack Problem with Assignment Restrictions. Journal of Combinatorial Optimization, 2000, 4, 171-186.	0.8	108
59	Approximation Algorithms for the Traveling Purchaser Problem and Its Variants in Network Design. Lecture Notes in Computer Science, 1999, , 29-40.	1.0	30
60	Cooperative strategies for solving the bicriteria sparse multiple knapsack problem. , 0, , .		0
61	New Variations of the Online k-Canadian Traveler Problem: Uncertain Costs at Known Locations. , 0, , .		0