F Sibel Salman

List of Publications by Year in Descending Order

54 papers	**1,630** citations	**22** h-index	**40** g-index
61 ext. papers	**2,028** ext. citations	**3.6** avg, IF	**5.36** L-index

#	Paper	IF	Citations
54	A learning based algorithm for drone routing. *Computers and Operations Research*, **2022**, 137, 105524	4.6	2
53	Prioritized single nurse routing and scheduling for home healthcare services. *European Journal of Operational Research*, **2021**, 289, 867-878	5.6	9
52	An online optimization approach to post-disaster road restoration. *Transportation Research Part B: Methodological*, **2021**, 150, 1-25	7.2	8
51	Routing multiple work teams to minimize latency in post-disaster road network restoration. *European Journal of Operational Research*, **2021**,	5.6	3
50	Modeling mobile health service delivery to Syrian migrant farm workers using call record data. *Socio-Economic Planning Sciences*, **2021**, 77, 101005	3.7	1
49	Data Analytics for Operational Risk Management. *Decision Sciences*, **2020**, 51, 1316-1319	3.7	57
48	Role of Analytics for Operational Risk Management in the Era of Big Data. *Decision Sciences*, **2020**, 51, 1320-1346	3.7	35
47	Online routing and scheduling of search-and-rescue teams. *OR Spectrum*, **2020**, 42, 755-784	1.9	10
46	The Approximability of Multiple Facility Location on Directed Networks with Random Arc Failures. *Algorithmica*, **2020**, 82, 2474-2501	0.9	1
45	Online optimization of first-responder routes in disaster response logistics. *IBM Journal of Research and Development*, **2020**, 64, 13:1-13:9	2.5	4
44	A data-driven optimization framework for routing mobile medical facilities. *Annals of Operations Research*, **2020**, 291, 1077-1102	3.2	4
43	On the randomized online strategies for the k-Canadian traveler problem. *Journal of Combinatorial Optimization*, **2019**, 38, 254-267	0.9	6
42	Minimizing latency in post-disaster road clearance operations. *European Journal of Operational Research*, **2019**, 277, 1098-1112	5.6	22
41	The capacitated mobile facility location problem. *European Journal of Operational Research*, **2019**, 277, 507-520	5.6	20
40	Inequity-averse shelter location for disaster preparedness. *IISE Transactions*, **2019**, 51, 809-829	3.3	14
39	Relief aid stocking decisions under bilateral agency cooperation. *Socio-Economic Planning Sciences*, **2019**, 67, 147-165	3.7	7
38	Competitive analysis of randomized online strategies for the multi-agent k-Canadian Traveler Problem. *Journal of Combinatorial Optimization*, **2019**, 37, 848-865	0.9	6

37	Improving post-disaster road network accessibility by strengthening links against failures. *European Journal of Operational Research*, **2018**, 269, 406-422	5.6	30
36	Customer mobility signatures and financial indicators as predictors in product recommendation. *PLoS ONE*, **2018**, 13, e0201197	3.7	3
35	Multi-vehicle prize collecting arc routing for connectivity problem. *Computers and Operations Research*, **2017**, 82, 52-68	4.6	27
34	An adaptive and diversified vehicle routing approach to reducing the security risk of cash-in-transit operations. *Networks*, **2017**, 69, 256-269	1.6	11
33	Multiple facility location on a network with linear reliability order of edges. *Journal of Combinatorial Optimization*, **2017**, 34, 931-955	0.9	9
32	On the online multi-agent O⃝D k-Canadian Traveler Problem. *Journal of Combinatorial Optimization*, **2017**, 34, 453-461	0.9	10
31	Multi-vehicle synchronized arc routing problem to restore post-disaster network connectivity. *European Journal of Operational Research*, **2017**, 257, 625-640	5.6	52
30	Arc routing problems to restore connectivity of a road network. *Transportation Research, Part E: Logistics and Transportation Review*, **2016**, 95, 177-206	9	39
29	Emergency facility location under random network damage: Insights from the Istanbul case. *Computers and Operations Research*, **2015**, 62, 266-281	4.6	100
28	Analysis of Mobile Phone Call Data of Istanbul Residents. *Advances in Geospatial Technologies Book Series*, **2015**, 1-32	0	
27	Staff rostering in call centers providing employee transportation. *Omega*, **2014**, 43, 41-53	7.2	12
26	An adaptive large neighborhood search algorithm for a selective and periodic inventory routing problem. *European Journal of Operational Research*, **2014**, 239, 413-426	5.6	60
25	Deployment of field hospitals in mass casualty incidents. *Computers and Industrial Engineering*, **2014**, 74, 37-51	6.4	43
24	A constant-factor approximation algorithm for multi-vehicle collection for processing problem. *Optimization Letters*, **2013**, 7, 1627-1642	1.1	2
23	Optimizing specimen collection for processing in clinical testing laboratories. *European Journal of Operational Research*, **2013**, 227, 503-514	5.6	14
22	Modeling Earthquake Vulnerability of Highway Networks. *Electronic Notes in Discrete Mathematics*, **2013**, 41, 319-326	0.3	6
21	A tabu search algorithm for order acceptance and scheduling. *Computers and Operations Research*, **2012**, 39, 1197-1205	4.6	95
20	Hybrid Adaptive Large Neighborhood Search for the Optimal Statistic Median Problem. *Computers and Operations Research*, **2012**, 39, 2679-2687	4.6	2

19	Selective and periodic inventory routing problem for waste vegetable oil collection. *Optimization Letters*, **2012**, 6, 1063-1080	1.1	40
18	Locating disaster response facilities in Istanbul. *Journal of the Operational Research Society*, **2011**, 62, 1239-1252	2	79
17	Assessing the reliability and the expected performance of a network under disaster risk. *OR Spectrum*, **2011**, 33, 499-523	1.9	40
16	Multi-item dynamic lot-sizing with delayed transportation policy. *International Journal of Production Economics*, **2011**, 131, 595-603	9.3	17
15	Order acceptance and scheduling decisions in make-to-order systems. *International Journal of Production Economics*, **2010**, 125, 200-211	9.3	123
14	Pre-disaster investment decisions for strengthening a highway network. *Computers and Operations Research*, **2010**, 37, 1708-1719	4.6	148
13	Analysis and network representation of hotspots in protein interfaces using minimum cut trees. *Proteins: Structure, Function and Bioinformatics*, **2010**, 78, 2283-94	4.2	50
12	Optimizing product assortment under customer-driven demand substitution. *European Journal of Operational Research*, **2009**, 199, 759-768	5.6	55
11	Tractable Cases of Facility Location on a Network with a Linear Reliability Order of Links. *Lecture Notes in Computer Science*, **2009**, 275-276	0.9	4
10	Solving the Capacitated Local Access Network Design Problem. *INFORMS Journal on Computing*, **2008**, 20, 243-254	2.4	12
9	Automatic Vehicle Counting from Video for Traffic Flow Analysis. *Intelligent Vehicles Symposium, 2009 IEEE*, **2007**,		43
8	A mixed-integer programming approach to the clustering problem with an application in customer segmentation. *European Journal of Operational Research*, **2006**, 173, 866-879	5.6	60
7	Approximation Algorithms for a Capacitated Network Design Problem. *Algorithmica*, **2004**, 38, 417-431	0.9	20
6	Cooperative Strategies for Solving the Bicriteria Sparse Multiple Knapsack Problem. *Journal of Heuristics*, **2002**, 8, 215-239	1.9	6
5	On approximating planar metrics by tree metrics. *Information Processing Letters*, **2001**, 80, 213-219	0.8	21
4	Approximating the Single-Sink Link-Installation Problem in Network Design. *SIAM Journal on Optimization*, **2001**, 11, 595-610	2	60
3	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	0.9	25
2	Approximation Algorithms for the Multiple Knapsack Problem with Assignment Restrictions. *Journal of Combinatorial Optimization*, **2000**, 4, 171-186	0.9	82

1   Approximation Algorithms for the Traveling Purchaser Problem and Its Variants in Network Design.
Lecture Notes in Computer Science, **1999**, 29-40   0.9   21

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Lecture Notes in Computer Science, **1999**, 29-40   0.9   21