Francisco Saldanha-da-Gama

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51 papers	3,067 citations	25 h-index	55 g-index
55 ext. papers	3,513 ext. citations	4.5 avg, IF	5.61 L-index

#	Paper	IF	Citations
51	On Optimizing a Multi-Mode Last-Mile Parcel Delivery System with Vans, Truck and Drone. *Electronics (Switzerland)*, **2021**, 10, 2510	2.6	1
50	Humanitarian facility location under uncertainty: Critical review and future prospects. *Omega*, **2021**, 102, 102393	7.2	8
49	Solutions for districting problems with chance-constrained balancing requirements. *Omega*, **2021**, 103, 102430	7.2	2
48	Towards a stochastic programming modeling framework for districting. *Annals of Operations Research*, **2020**, 292, 249-285	3.2	3
47	The facility location problem with capacity transfers. *Transportation Research, Part E: Logistics and Transportation Review*, **2020**, 138, 101943	9	4
46	Improved polyhedral descriptions and exact procedures for a broad class of uncapacitated p-hub median problems. *Transportation Research Part B: Methodological*, **2019**, 123, 38-63	7.2	3
45	New algorithmic framework for conditional value at risk: Application to stochastic fixed-charge transportation. *European Journal of Operational Research*, **2019**, 277, 215-226	5.6	11
44	Modeling frameworks for the multi-skill resource-constrained project scheduling problem: a theoretical and empirical comparison. *International Transactions in Operational Research*, **2019**, 26, 946-967	2.9	15
43	Heuristic Solutions for a Class of Stochastic Uncapacitated p-Hub Median Problems. *Transportation Science*, **2019**, 53, 1126-1149	4.4	9
42	A Bi-Objective Capacitated Location-Routing Problem for Multiple Perishable Commodities. *IEEE Access*, **2019**, 7, 136729-136742	3.5	1
41	On multi-criteria chance-constrained capacitated single-source discrete facility location problems. *Omega*, **2019**, 83, 107-122	7.2	24
40	A biased random-key genetic algorithm for the project scheduling problem with flexible resources. *Top*, **2018**, 26, 283-308	1.3	16
39	Multi-period stochastic covering location problems: Modeling framework and solution approach. *European Journal of Operational Research*, **2018**, 268, 432-449	5.6	13
38	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
37	Time traps in supply chains: Is optimal still good enough?. *European Journal of Operational Research*, **2018**, 264, 813-829	5.6	35
36	A stochastic multi-period capacitated multiple allocation hub location problem: Formulation and inequalities. *Omega*, **2018**, 74, 122-134	7.2	53
35	Modeling congestion and service time in hub location problems. *Applied Mathematical Modelling*, **2018**, 55, 13-32	4.5	20

34	Comments on: Extensive facility location problems on networks: an updated review. *Top*, **2018**, 26, 229-232	1.3	2
33	Heuristic Solutions to the Facility Location Problem with General Bernoulli Demands. *INFORMS Journal on Computing*, **2017**, 29, 737-753	2.4	9
32	A cutting-plane approach for large-scale capacitated multi-period facility location using a specialized interior-point method. *Mathematical Programming*, **2017**, 163, 411-444	2.1	30
31	Ambulance location under stochastic demand: A sampling approach. *Operations Research for Health Care*, **2016**, 8, 24-32	1.8	34
30	Multi-period hub network design problems with modular capacities. *Annals of Operations Research*, **2016**, 246, 289-312	3.2	22
29	Priority-based heuristics for the multi-skill resource constrained project scheduling problem. *Expert Systems With Applications*, **2016**, 57, 91-103	7.8	45
28	Location Science **2015**,		63
27	Facility Location Under Uncertainty **2015**, 177-203		18
26	A note on Branch-and-price approach for the multi-skill project scheduling problem *Optimization Letters*, **2015**, 9, 1255-1258	1.1	5
25	A Modeling Framework for Project Staffing and Scheduling Problems **2015**, 547-564		9
24	Multi-Period Facility Location **2015**, 289-310		7
23	The impact of fixed and variable costs in a multi-skill project scheduling problem: An empirical study. *Computers and Industrial Engineering*, **2014**, 72, 230-238	6.4	24
22	A two-stage stochastic transportation problem with fixed handling costs and a priori selection of the distribution channels. *Top*, **2014**, 22, 1123-1147	1.3	8
21	Multi-product Capacitated Single-Allocation Hub Location Problems: Formulations and Inequalities. *Networks and Spatial Economics*, **2014**, 14, 1-25	1.9	21
20	An efficient heuristic approach for a multi-period logistics network redesign problem. *Top*, **2014**, 22, 80-108	1.3	28
19	Comparing classical performance measures for a multi-period, two-echelon supply chain network design problem with sizing decisions. *Computers and Industrial Engineering*, **2013**, 64, 366-380	6.4	37
18	A tabu search heuristic for redesigning a multi-echelon supply chain network over a planning horizon. *International Journal of Production Economics*, **2012**, 136, 218-230	9.3	68
17	Multi-period reverse logistics network design. *European Journal of Operational Research*, **2012**, 220, 67-78	3.6	218

16	A multi-stage stochastic supply network design problem with financial decisions and risk management. *Omega*, **2012**, 40, 511-524	7.2	128
15	Hub location under uncertainty. *Transportation Research Part B: Methodological*, **2012**, 46, 529-543	7.2	118
14	Solving the job-shop scheduling problem optimally by dynamic programming. *Computers and Operations Research*, **2012**, 39, 2968-2977	4.6	27
13	Project scheduling with flexible resources: formulation and inequalities. *OR Spectrum*, **2012**, 34, 635-663	1.9	36
12	The facility location problem with Bernoulli demands. *Omega*, **2011**, 39, 335-345	7.2	37
11	Hub and spoke network design with single-assignment, capacity decisions and balancing requirements. *Applied Mathematical Modelling*, **2011**, 35, 4841-4851	4.5	29
10	Single-assignment hub location problems with multiple capacity levels. *Transportation Research Part B: Methodological*, **2010**, 44, 1047-1066	7.2	67
9	A stochastic bi-objective location model for strategic reverse logistics. *Top*, **2010**, 18, 158-184	1.3	71
8	Discretized formulations for capacitated location problems with modular distribution costs. *European Journal of Operational Research*, **2010**, 204, 237-244	5.6	23
7	The capacitated single-allocation hub location problem revisited: A note on a classical formulation. *European Journal of Operational Research*, **2010**, 207, 92-96	5.6	45
6	Facility location and supply chain management A review. *European Journal of Operational Research*, **2009**, 196, 401-412	5.6	1196
5	Solving the variable size bin packing problem with discretized formulations. *Computers and Operations Research*, **2008**, 35, 2103-2113	4.6	49
4	Dynamic multi-commodity capacitated facility location: a mathematical modeling framework for strategic supply chain planning. *Computers and Operations Research*, **2006**, 33, 181-208	4.6	264
3	On the capacitated concentrator location problem: a reformulation by discretization. *Computers and Operations Research*, **2006**, 33, 1242-1258	4.6	32
2	Some personal views on the current state and the future of locational analysis. *European Journal of Operational Research*, **1998**, 104, 269-287	5.6	29
1	A heuristic approach for the discrete dynamic location problem. *Location Science*, **1998**, 6, 211-223		19