Francisco Saldanha-da-Gama

List of Publications by Year
in descending order

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54 papers	4,013 citations	172443 29 h-index	197805 49 g-index
55 all docs	55 docs citations	55 times ranked	2749 citing authors

#	Article	IF	Citations
1	Facility location and supply chain management â€“ A review. European Journal of Operational Research, 2009, 196, 401-412.	5.7	1,461
2	Dynamic multi-commodity capacitated facility location: a mathematical modeling framework for strategic supply chain planning. Computers and Operations Research, 2006, 33, 181-208.	4.0	325
3	Multi-period reverse logistics network design. European Journal of Operational Research, 2012, 220, 67-78.	5.7	260
4	Hub location under uncertainty. Transportation Research Part B: Methodological, 2012, 46, 529-543.	5.9	160
5	A multi-stage stochastic supply network design problem with financial decisions and risk management. Omega, 2012, 40, 511-524.	5.9	148
6	Location Science. , 2015, , .		98
7	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.	8.9	86
8	Single-assignment hub location problems with multiple capacity levels. Transportation Research Part B: Methodological, 2010, 44, 1047-1066.	5.9	83
9	A stochastic bi-objective location model for strategic reverse logistics. Top, 2010, 18, 158-184.	1.6	80
10	A stochastic multi-period capacitated multiple allocation hub location problem: Formulation and inequalities. Omega, 2018, 74, 122-134.	5.9	79
11	Solving the variable size bin packing problem with discretized formulations. Computers and Operations Research, 2008, 35, 2103-2113.	4.0	67
12	Priority-based heuristics for the multi-skill resource constrained project scheduling problem. Expert Systems With Applications, 2016, 57, 91-103.	7.6	65
13	The capacitated single-allocation hub location problem revisited: A note on a classical formulation. European Journal of Operational Research, 2010, 207, 92-96.	5.7	55
14	Ambulance location under stochastic demand: A sampling approach. Operations Research for Health Care, 2016, 8, 24-32.	1.2	53
15	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.	6.3	51
16	Modeling the shelter site location problem using chance constraints: A case study for Istanbul. European Journal of Operational Research, 2018, 270, 132-145.	5.7	50
17	Humanitarian facility location under uncertainty: Critical review and future prospects. Omega, 2021, 102, 102393.	5.9	49
18	Project scheduling with flexible resources: formulation and inequalities. OR Spectrum, 2012, 34, 635-663.	3.4	47

#	ARTICLE	IF	CITATIONS
19	The facility location problem with Bernoulli demands. Omega, 2011, 39, 335-345.	5.9	45
20	Multi-period hub network design problems with modular capacities. Annals of Operations Research, 2016, 246, 289-312.	4.1	43
21	Time traps in supply chains: Is optimal still good enough?. European Journal of Operational Research, 2018, 264, 813-829.	5.7	43
22	Solving the job-shop scheduling problem optimally by dynamic programming. Computers and Operations Research, 2012, 39, 2968-2977.	4.0	41
23	Modeling congestion and service time in hub location problems. Applied Mathematical Modelling, 2018, 55, 13-32.	4.2	40
24	A cutting-plane approach for large-scale capacitated multi-period facility location using a specialized interior-point method. Mathematical Programming, 2017, 163, 411-444.	2.4	39
25	On multi-criteria chance-constrained capacitated single-source discrete facility location problems. Omega, 2019, 83, 107-122.	5.9	39
26	Hub and spoke network design with single-assignment, capacity decisions and balancing requirements. Applied Mathematical Modelling, 2011, 35, 4841-4851.	4.2	37
27	Some personal views on the current state and the future of locational analysis. European Journal of Operational Research, 1998, 104, 269-287.	5.7	35
28	An efficient heuristic approach for a multi-period logistics network redesign problem. Top, 2014, 22, 80-108.	1.6	34
29	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.	6.3	34
30	On the capacitated concentrator location problem: a reformulation by discretization. Computers and Operations Research, 2006, 33, 1242-1258.	4.0	33
31	Modeling frameworks for the multiâ€skill resourceâ€constrained project scheduling problem: a theoretical and empirical comparison. International Transactions in Operational Research, 2019, 26, 946-967.	2.7	28
32	Facility Location Under Uncertainty. , 2015, , 177-203.		27
33	A heuristic approach for the discrete dynamic location problem. Location Science, 1998, 6, 211-223.	0.1	26
34	Discretized formulations for capacitated location problems with modular distribution costs. European Journal of Operational Research, 2010, 204, 237-244.	5.7	26
35	Multi-product Capacitated Single-Allocation Hub Location Problems: Formulations and Inequalities. Networks and Spatial Economics, 2014, 14, 1-25.	1.6	25
36	A biased random-key genetic algorithm for the project scheduling problem with flexible resources. Top, 2018, 26, 283-308.	1.6	23

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37	Multi-period stochastic covering location problems: Modeling framework and solution approach. European Journal of Operational Research, 2018, 268, 432-449.	5.7	22
38	Heuristic Solutions to the Facility Location Problem with General Bernoulli Demands. INFORMS Journal on Computing, 2017, 29, 737-753.	1.7	16
39	Multi-Period Facility Location. , 2015, , 289-310.		16
40	The facility location problem with capacity transfers. Transportation Research, Part E: Logistics and Transportation Review, 2020, 138, 101943.	7.4	16
41	Heuristic Solutions for a Class of Stochastic Uncapacitated p-Hub Median Problems. Transportation Science, 2019, 53, 1126-1149.	4.4	15
42	New algorithmic framework for conditional value at risk: Application to stochastic fixed-charge transportation. European Journal of Operational Research, 2019, 277, 215-226.	5.7	15
43	Robust Stochastic Facility Location: Sensitivity Analysis and Exact Solution. INFORMS Journal on Computing, 2022, 34, 2776-2803.	1.7	12
44	A Modeling Framework for Project Staffing and Scheduling Problems. , 2015, , 547-564.		11
45	A two-stage stochastic transportation problem with fixed handling costs and a priori selection of the distribution channels. Top, 2014, 22, 1123-1147.	1.6	10
46	On Optimizing a Multi-Mode Last-Mile Parcel Delivery System with Vans, Truck and Drone. Electronics (Switzerland), 2021, 10, 2510.	3.1	9
47	A Bi-Objective Capacitated Location-Routing Problem for Multiple Perishable Commodities. IEEE Access, 2019, 7, 136729-136742.	4.2	7
48	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.	5.9	6
49	Towards a stochastic programming modeling framework for districting. Annals of Operations Research, 2020, 292, 249-285.	4.1	6
50	A note on â€œbranch-and-price approach for the multi-skill project scheduling problemâ€• Optimization Letters, 2015, 9, 1255-1258.	1.6	5
51	Solutions for districting problems with chance-constrained balancing requirements. Omega, 2021, 103, 102430.	5.9	5
52	Comments on: Extensive facility location problems on networks: an updated review. Top, 2018, 26, 229-232.	1.6	3
53	Logistics network design. OR Spectrum, 2009, 31, 461-463.	3.4	2
54	Introduction to Location Science. , 2015, , 1-18.		2