

# Hamid Allaoui

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

946  
citations

567144

15  
h-index

477173

29  
g-index

47  
all docs

47  
docs citations

47  
times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable agro-food supply chain design using two-stage hybrid multi-objective decision-making approach. <i>Computers and Operations Research</i> , 2018, 89, 369-384.	2.4	188
2	Decision support for collaboration planning in sustainable supply chains. <i>Journal of Cleaner Production</i> , 2019, 229, 761-774.	4.6	125
3	Scheduling two-stage hybrid flow shop with availability constraints. <i>Computers and Operations Research</i> , 2006, 33, 1399-1419.	2.4	89
4	Sustainability assessment of food chain logistics. <i>International Journal of Logistics Research and Applications</i> , 2015, 18, 101-117.	5.6	71
5	Assessing Risk Factors in Collaborative Supply Chain with the Analytic Hierarchy Process (AHP). <i>Procedia, Social and Behavioral Sciences</i> , 2014, 124, 114-123.	0.5	52
6	Reducing transportation greenhouse gas emissions with collaborative distribution. <i>Management Research Review</i> , 2015, 38, 1049-1067.	1.5	40
7	Minimizing the weighted sum of maximum earliness and maximum tardiness costs on a single machine with periodic preventive maintenance. <i>Computers and Operations Research</i> , 2014, 47, 106-113.	2.4	34
8	A Multi-objective Modelling to Human Resource Assignment and Routing Problem for Home Health Care Services. <i>IFAC-PapersOnLine</i> , 2015, 48, 698-703.	0.5	32
9	Collaborative hub location problem under cost uncertainty. <i>Computers and Industrial Engineering</i> , 2018, 124, 393-410.	3.4	31
10	A stochastic model to minimize patient waiting time in an emergency department. <i>Operations Research for Health Care</i> , 2018, 18, 16-25.	0.8	29
11	A distributed approximation approach for solving the sustainable supply chain network design problem. <i>International Journal of Production Research</i> , 2019, 57, 3695-3718.	4.9	29
12	Local Search Analysis for a Vehicle Routing Problem with Synchronization and Time Windows Constraints in Home Health Care Services. <i>IFAC-PapersOnLine</i> , 2016, 49, 1210-1215.	0.5	24
13	Johnson's algorithm: A key to solve optimally or approximately flow shop scheduling problems with unavailability periods. <i>International Journal of Production Economics</i> , 2009, 121, 81-87.	5.1	19
14	Simulation-based approach to joint production and preventive maintenance scheduling on a failure-prone machine. <i>Journal of Quality in Maintenance Engineering</i> , 2011, 17, 254-267.	1.0	17
15	Solving the sustainable supply chain network design problem by the multi-neighborhoods descent traversal algorithm. <i>Computers and Industrial Engineering</i> , 2021, 154, 107098.	3.4	16
16	Lateral collaboration with cost-sharing in sustainable supply chain optimisation: A combinatorial framework. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 157, 102593.	3.7	16
17	Stochastic single machine scheduling with random common due date. <i>International Journal of Production Research</i> , 2012, 50, 3560-3571.	4.9	15
18	A Green Supply Chain Design with Product Life Cycle Considerations. <i>Supply Chain Forum</i> , 2013, 14, 18-25.	2.7	13

#	ARTICLE	IF	CITATIONS
19	Modelling and analysis of online ride-sharing platforms â€“ A sustainability perspective. European Journal of Operational Research, 2023, 304, 577-595.	3.5	12
20	A multi-objective green supply chain network design. , 2011, , .		9
21	On the joint optimization of the periodic preventive maintenance and the spare parts inventory problem. IFAC-PapersOnLine, 2016, 49, 881-885.	0.5	9
22	Truck to door assignment in a shared cross-dock under uncertainty. Expert Systems With Applications, 2021, 182, 114889.	4.4	9
23	Evidential data mining for length of stay (LOS) prediction problem. , 2015, , .		8
24	Iterated Local Search and Column Generation to solve Arc-Routing as a permutation set-covering problem. European Journal of Operational Research, 2017, 256, 349-367.	3.5	8
25	An integrated inventory location routing problem considering CO2 emissions. Contemporary Engineering Sciences, 0, 9, 303-314.	0.2	7
26	A Hypermutation Genetic Algorithm for the Dynamic Home Health-Care Routing Problem. , 2019, , .		6
27	A New Evolutionary Method to Deal with the Dynamic Vehicle Routing Problem. , 2018, , .		5
28	Hybrid Flow Shop Scheduling with Availability Constraints. Profiles in Operations Research, 2014, , 277-299.	0.3	4
29	Collaborative Lot-Sizing problem for an Industrial Symbiosis. IFAC-PapersOnLine, 2019, 52, 1325-1330.	0.5	4
30	Variable neighborhood search based algorithms for crossdock truck assignment. RAIRO - Operations Research, 2021, 55, S2291-S2323.	1.0	4
31	Approximation of continuous distribution via the generalized Erlang distribution. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 240-245.	0.4	3
32	Optimization on human and material resources in Emergency Department. , 2015, , .		3
33	Hybrid genetic approach for 1-D bin packing problem. International Journal of Services Operations and Informatics, 2011, 6, 71.	0.2	2
34	A multi-period supply chain design with product life cycle considerations. , 2013, , .		2
35	Sustainable supply chains: key performance indicators, collaboration and waste management. Management Research Review, 2015, 38, .	1.5	2
36	A robustness framework for a stochastic hybrid flow shop to minimize the makespan. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
37	Complex systems analysis, modelling and simulation. Production Planning and Control, 2009, 20, 475-477.	5.8	1
38	Single machine scheduling problem in a Just-in-time environment. , 2011, , .		1
39	Green collaborative transport planning model with time windows: A case study in food retailing. , 2015, , .		1
40	An inventory location routing model with environmental considerations. MATEC Web of Conferences, 2017, 105, 00002.	0.1	1
41	On Solving the Hazardous Health-Care Waste Transportation Problem: a Real Case Study. , 2020, , .		1
42	A Stochastic Approach to Product-Driven Supply Chain Design. Advances in Computational Intelligence and Robotics Book Series, 2015, , 82-121.	0.4	1
43	Assessing the Environmental Impacts of Green Collaboration in Land-Sea Freight Transport. Advances in Logistics, Operations, and Management Science Book Series, 2020, , 113-139.	0.3	1
44	Simulation-based optimisation approach to improve emergency department resource planning: A case study of Tunisian hospital. International Journal of Health Planning and Management, 2022, , .	0.7	1
45	Stability around the hyper-LSP in French distribution channel: a "prey-predator" modeling. , 2015, , .		0
46	Neighborhood strategies for the truck dock assignment problem in cross-docks. , 2015, , .		0
47	New challenges in integrating production and maintenance decisions. Journal of Quality in Maintenance Engineering, 2011, 17, .	1.0	0