

# Nadia Lahrichi

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

920  
citations

840728

11  
h-index

580810

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

871  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid Genetic Algorithm for Multidepot and Periodic Vehicle Routing Problems. <i>Operations Research</i> , 2012, 60, 611-624.	1.9	476
2	A set partitioning heuristic for the home health care routing and scheduling problem. <i>European Journal of Operational Research</i> , 2019, 275, 295-303.	5.7	97
3	Online stochastic optimization of radiotherapy patient scheduling. <i>Health Care Management Science</i> , 2015, 18, 110-123.	2.6	44
4	The Nurse Scheduling Problem in Real-Life. <i>Journal of Medical Systems</i> , 2015, 39, 160.	3.6	37
5	Patient scheduling based on a service-time prediction model: a data-driven study for a radiotherapy center. <i>Health Care Management Science</i> , 2019, 22, 768-782.	2.6	31
6	Strategic analysis of the dairy transportation problem. <i>Journal of the Operational Research Society</i> , 2015, 66, 44-56.	3.4	27
7	A flexible MILP model for multiple-shift workforce planning under annualized hours. <i>European Journal of Operational Research</i> , 2010, 200, 860-873.	5.7	24
8	New decomposition methods for home care scheduling with predefined visits. <i>Computers and Operations Research</i> , 2020, 115, 104855.	4.0	23
9	Chemotherapy appointment scheduling and daily outpatient nurse assignment. <i>Health Care Management Science</i> , 2020, 23, 34-50.	2.6	23
10	An integrative cooperative search framework for multi-decision-attribute combinatorial optimization: Application to the MDPVRP. <i>European Journal of Operational Research</i> , 2015, 246, 400-412.	5.7	22
11	A two-stage solution method for the annual dairy transportation problem. <i>European Journal of Operational Research</i> , 2016, 251, 36-43.	5.7	20
12	Robust combined operating room planning and personnel scheduling under uncertainty. <i>Operations Research for Health Care</i> , 2020, 27, 100276.	1.2	15
13	A stochastic tabu search algorithm to align physician schedule with patient flow. <i>Health Care Management Science</i> , 2018, 21, 244-258.	2.6	13
14	Radiotherapy treatment scheduling considering time window preferences. <i>Health Care Management Science</i> , 2020, 23, 520-534.	2.6	11
15	Productivity-driven physician scheduling in emergency departments. <i>Health Systems</i> , 2021, 10, 104-117.	1.2	10
16	Supporting scale-up of COVID-19 RT-PCR testing processes with discrete event simulation. <i>PLoS ONE</i> , 2021, 16, e0255214.	2.5	9
17	A First Route Second Assign decomposition to enforce continuity of care in home health care. <i>Expert Systems With Applications</i> , 2022, 193, 116442.	7.6	9
18	Solution integration in combinatorial optimization with applications to cooperative search and rich vehicle routing. <i>Journal of Heuristics</i> , 2015, 21, 663-685.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Modeling and improving the logistic distribution network of a hospital. <i>International Transactions in Operational Research</i> , 2021, 28, 70-90.	2.7	5
20	Joint robust optimization of bed capacity, nurse staffing, and care access under uncertainty. <i>Annals of Operations Research</i> , 2022, 312, 673-689.	4.1	5
21	Agent-based Simulation Patient Model for Colon and Colorectal Cancer Care Trajectory. <i>Procedia Computer Science</i> , 2016, 100, 188-197.	2.0	4
22	Integrating DVH criteria into a column generation algorithm for VMAT treatment planning. <i>Physics in Medicine and Biology</i> , 2019, 64, 085008.	3.0	4
23	Identification of the intraoperative antinociceptive effect of intravenous fentanyl using the Nociception Level (NOL) index versus clinical parameters in patients undergoing gynecological laparoscopic surgery: A secondary analysis of the NOLGYN study. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2022, 41, 101102.	1.4	3
24	Stochastic optimization of the scheduling of a radiotherapy center. <i>Journal of Physics: Conference Series</i> , 2015, 616, 012008.	0.4	2
25	A simulation model to analyse automation scenarios in decontamination centers. <i>Health Systems</i> , 2023, 12, 181-197.	1.2	1
26	A Mathematical Programming Model for Radiotherapy Scheduling with Time Windows. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020, , 241-249.	0.2	0
27	Integration of User's Preferences into the Home Healthcare Routing and Scheduling Multi-objective Problem: A Hierarchical Approach with Pareto-Optimal Alternative Solutions. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020, , 179-191.	0.2	0
28	Robust multi-period capacity, location, and access of rural cardiovascular services under uncertainty. <i>Flexible Services and Manufacturing Journal</i> , 0, , 1.	3.4	0