Nadia Lahrichi

List of Publications by Year
in descending order

28 papers	920 citations	949033 11 h-index	651938 25 g-index
29 all docs	29 docs citations	29 times ranked	991 citing authors

#	Article	IF	Citations
1	A simulation model to analyse automation scenarios in decontamination centers. Health Systems, 2023, 12, 181-197.	0.9	1
2	A First Route Second Assign decomposition to enforce continuity of care in home health care. Expert Systems With Applications, 2022, 193, 116442.	4.4	9
3	Joint robust optimization of bed capacity, nurse staffing, and care access under uncertainty. Annals of Operations Research, 2022, 312, 673-689.	2.6	5
4	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. Anaesthesia, Critical Care & Pain Medicine, 2022, 41, 101102.	0.6	3
5	Productivity-driven physician scheduling in emergency departments. Health Systems, 2021, 10, 104-117.	0.9	10
6	Modeling and improving the logistic distribution network of a hospital. International Transactions in Operational Research, 2021, 28, 70-90.	1.8	5
7	Supporting scale-up of COVID-19 RT-PCR testing processes with discrete event simulation. PLoS ONE, 2021, 16, e0255214.	1.1	9
8	New decomposition methods for home care scheduling with predefined visits. Computers and Operations Research, 2020, 115, 104855.	2.4	23
9	Robust combined operating room planning and personnel scheduling under uncertainty. Operations Research for Health Care, 2020, 27, 100276.	0.8	15
10	Radiotherapy treatment scheduling considering time window preferences. Health Care Management Science, 2020, 23, 520-534.	1.5	11
11	Chemotherapy appointment scheduling and daily outpatient–nurse assignment. Health Care Management Science, 2020, 23, 34-50.	1.5	23
12	A Mathematical Programming Model for Radiotherapy Scheduling with Time Windows. Springer Proceedings in Mathematics and Statistics, 2020, , 241-249.	0.1	0
13	Integration of User's Preferences into the Home Healthcare Routing and Scheduling Multi-objective Problem: A Hierarchical Approach with Pareto-Optimal Alternative Solutions. Springer Proceedings in Mathematics and Statistics, 2020, , 179-191.	0.1	0
14	Integrating DVH criteria into a column generation algorithm for VMAT treatment planning. Physics in Medicine and Biology, 2019, 64, 085008.	1.6	4
15	A set partitioning heuristic for the home health care routing and scheduling problem. European Journal of Operational Research, 2019, 275, 295-303.	3.5	97
16	Patient scheduling based on a service-time prediction model: a data-driven study for a radiotherapy center. Health Care Management Science, 2019, 22, 768-782.	1.5	31
17	A stochastic tabu search algorithm to align physician schedule with patient flow. Health Care Management Science, 2018, 21, 244-258.	1.5	13
18	Agent-based Simulation Patient Model for Colon and Colorectal Cancer Care Trajectory. Procedia Computer Science, 2016, 100, 188-197.	1.2	4

#	Article	IF	Citations
19	A two-stage solution method for the annual dairy transportation problem. European Journal of Operational Research, 2016, 251, 36-43.	3.5	20
20	Stochastic optimization of the scheduling of a radiotherapy center. Journal of Physics: Conference Series, 2015, 616, 012008.	0.3	2
21	An integrative cooperative search framework for multi-decision-attribute combinatorial optimization: Application to the MDPVRP. European Journal of Operational Research, 2015, 246, 400-412.	3.5	22
22	Solution integration in combinatorial optimization with applications to cooperative search and rich vehicle routing. Journal of Heuristics, 2015, 21, 663-685.	1.1	5
23	The Nurse Scheduling Problem in Real-Life. Journal of Medical Systems, 2015, 39, 160.	2.2	37
24	Strategic analysis of the dairy transportation problem. Journal of the Operational Research Society, 2015, 66, 44-56.	2.1	27
25	Online stochastic optimization of radiotherapy patient scheduling. Health Care Management Science, 2015, 18, 110-123.	1.5	44
26	A Hybrid Genetic Algorithm for Multidepot and Periodic Vehicle Routing Problems. Operations Research, 2012, 60, 611-624.	1.2	476
27	A flexible MILP model for multiple-shift workforce planning under annualized hours. European Journal of Operational Research, 2010, 200, 860-873.	3.5	24
28	Robust multi-period capacity, location, and access of rural cardiovascular services under uncertainty. Flexible Services and Manufacturing Journal, 0, , 1.	1.9	0