

Roberto Aringhieri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4870910/publications.pdf>

Version: 2024-02-01

54
papers

1,221
citations

430442

18
h-index

395343

33
g-index

60
all docs

60
docs citations

60
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining workload balance and patient priority maximisation in operating room planning through hierarchical multi-objective optimisation. <i>European Journal of Operational Research</i> , 2022, 298, 627-643.	3.5	17
2	Fairness in ambulance routing for post disaster management. <i>Central European Journal of Operations Research</i> , 2022, 30, 189-211.	1.1	11
3	Central European journal of operations research (CJOR) –operations research applied to health services (ORAHs) in Europe: general trends and ORAHs 2020 conference in Vienna, Austria– Central European Journal of Operations Research, 2022, 30, 1-18.	1.1	1
4	The Connected Critical Node Problem. <i>Theoretical Computer Science</i> , 2022, 923, 235-255.	0.5	1
5	Introduction to the special issue: Management Science in the Fight Against Covid-19. <i>Health Care Management Science</i> , 2021, 24, 251-252.	1.5	4
6	An ad hoc process mining approach to discover patient paths of an Emergency Department. <i>Flexible Services and Manufacturing Journal</i> , 2020, 32, 6-34.	1.9	24
7	Petri Nets Validation of Markovian Models of Emergency Department Arrivals. <i>Lecture Notes in Computer Science</i> , 2020, , 219-238.	1.0	0
8	Pattern-Based Online Algorithms for a General Patient-Centred Radiotherapy Scheduling Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020, , 251-262.	0.1	3
9	Polynomial and pseudo-polynomial time algorithms for different classes of the Distance Critical Node Problem. <i>Discrete Applied Mathematics</i> , 2019, 253, 103-121.	0.5	14
10	The management of non-elective patients: shared vs. dedicated policies. <i>Omega</i> , 2019, 83, 199-212.	3.6	16
11	Evaluating the Dispatching Policies for a Regional Network of Emergency Departments Exploiting Health Care Big Data. <i>Lecture Notes in Computer Science</i> , 2018, , 549-561.	1.0	6
12	Modeling the rational behavior of individuals on an e-commerce system. <i>Operations Research Perspectives</i> , 2018, 5, 22-31.	1.2	12
13	Simple but effective heuristics for the 2-constraint bin packing problem. <i>Journal of Heuristics</i> , 2018, 24, 345-357.	1.1	9
14	A Special Vehicle Routing Problem Arising in the Optimization of Waste Disposal: A Real Case. <i>Transportation Science</i> , 2018, 52, 277-299.	2.6	15
15	The Real Time Management of Operating Rooms. <i>Profiles in Operations Research</i> , 2018, , 55-79.	0.3	10
16	A SIMULATION AND ONLINE OPTIMIZATION APPROACH FOR THE REAL-TIME MANAGEMENT OF AMBULANCES. , 2018, , .		8
17	Ex post evaluation of an operating theatre. <i>Electronic Notes in Discrete Mathematics</i> , 2018, 69, 157-164.	0.4	0
18	Integrating Mental Health into a Primary Care System: A Hybrid Simulation Model. <i>AIRO Springer Series</i> , 2018, , 55-63.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Patient-Centred Objectives as an Alternative to Maximum Utilisation: Comparing Surgical Case Solutions. Springer Proceedings in Mathematics and Statistics, 2017, , 105-112.	0.1	2
20	A Hierarchical Multi-objective Optimisation Model for Bed Levelling and Patient Priority Maximisation. Springer Proceedings in Mathematics and Statistics, 2017, , 113-120.	0.1	2
21	Emergency medical services and beyond: Addressing new challenges through a wide literature review. Computers and Operations Research, 2017, 78, 349-368.	2.4	207
22	Mining the Patient Flow Through an Emergency Department to Deal with Overcrowding. Springer Proceedings in Mathematics and Statistics, 2017, , 49-59.	0.1	5
23	Supporting decision making to improve the performance of an Italian Emergency Medical Service. Annals of Operations Research, 2016, 236, 131-148.	2.6	48
24	Local search metaheuristics for the critical node problem. Networks, 2016, 67, 209-221.	1.6	42
25	ESI XXXI: OR applied to health in a modern world. Health Systems, 2016, 5, 163-165.	0.9	1
26	A preliminary analysis of the Distance Based Critical Node Problem. Electronic Notes in Discrete Mathematics, 2016, 55, 25-28.	0.4	5
27	A Genetic Algorithm for a class of Critical Node Problems. Electronic Notes in Discrete Mathematics, 2016, 52, 359-366.	0.4	8
28	A general Evolutionary Framework for different classes of Critical Node Problems. Engineering Applications of Artificial Intelligence, 2016, 55, 128-145.	4.3	52
29	Hybrid constructive heuristics for the critical node problem. Annals of Operations Research, 2016, 238, 637-649.	2.6	34
30	A hybrid optimization algorithm for surgeries scheduling. Operations Research for Health Care, 2016, 8, 103-114.	0.8	64
31	The Optimization of a Surgical Clinical Pathway. Advances in Intelligent Systems and Computing, 2015, , 313-331.	0.5	6
32	A branch-price-and-cut algorithm for the minimum evolution problem. European Journal of Operational Research, 2015, 244, 753-765.	3.5	7
33	Assigning surgery cases to operating rooms: A VNS approach for leveling ward beds occupancies. Electronic Notes in Discrete Mathematics, 2015, 47, 173-180.	0.4	25
34	VNS solutions for the Critical Node Problem. Electronic Notes in Discrete Mathematics, 2015, 47, 37-44.	0.4	15
35	An online optimization approach for the Real Time Management of operating rooms. Operations Research for Health Care, 2015, 7, 40-51.	0.8	27
36	Construction and improvement algorithms for dispersion problems. European Journal of Operational Research, 2015, 242, 21-33.	3.5	19

#	ARTICLE	IF	CITATIONS
37	A two level metaheuristic for the operating room scheduling and assignment problem. Computers and Operations Research, 2015, 54, 21-34.	2.4	119
38	A Hybrid Model for the Analysis of a Surgical Pathway. , 2014, , .		2
39	Workforce management based on forecasted demand. Profiles in Operations Research, 2012, , 1-11.	0.3	3
40	Comparing local search metaheuristics for the maximum diversity problem. Journal of the Operational Research Society, 2011, 62, 266-280.	2.1	39
41	Optimal solutions for the balanced minimum evolution problem. Computers and Operations Research, 2011, 38, 1845-1854.	2.4	8
42	An integrated DE and AB simulation model for EMS management. , 2010, , .		9
43	Composing medical crews with equity and efficiency. Central European Journal of Operations Research, 2009, 17, 343-357.	1.1	20
44	Tabu Search versus GRASP for the maximum diversity problem. 4or, 2008, 6, 45-60.	1.0	31
45	Fuzzy techniques for trust and reputation management in anonymous peer-to-peer systems. Journal of the Association for Information Science and Technology, 2006, 57, 528-537.	2.6	93
46	Solution of the SONET Ring Assignment Problem with Capacity Constraints. , 2005, , 93-116.		3
47	Comparing Metaheuristic Algorithms for Sonet Network Design Problems. Journal of Heuristics, 2005, 11, 35-57.	1.1	21
48	Assessing efficiency of trust management in peer-to-peer systems. , 2005, , .		12
49	The Multicommodity Multilevel Bottleneck Assignment Problem. Electronic Notes in Discrete Mathematics, 2004, 17, 35-40.	0.4	8
50	An asymmetric vehicle routing problem arising in the collection and disposal of special waste. Electronic Notes in Discrete Mathematics, 2004, 17, 41-47.	0.4	23
51	Solving Chance-Constrained Programs Combining Tabu Search and Simulation. Lecture Notes in Computer Science, 2004, , 30-41.	1.0	7
52	Title is missing!. Annals of Operations Research, 2003, 120, 173-199.	2.6	57
53	Chemical trees enumeration algorithms. 4or, 2003, 1, 67.	1.0	9
54	A Linear Algorithm for the Hyper-Wiener Index of Chemical Trees. Journal of Chemical Information and Computer Sciences, 2001, 41, 958-963.	2.8	14