Monica Duarte Oliveira

List of Publications by Year
in descending order

64 papers	1,297 citations	331670 21 h-index	377865 34 g-index
65 all docs	65 docs citations	65 times ranked	1455 citing authors

#	Article	IF	Citations
1	Location–allocation approaches for hospital network planning under uncertainty. European Journal of Operational Research, 2015, 240, 791-806.	5.7	107
2	Is it worth investing in mental health promotion and prevention of mental illness? A systematic review of the evidence from economic evaluations. BMC Public Health, 2008, 8, 20.	2.9	106
3	A multicriteria decision analysis model for faculty evaluation. Omega, 2012, 40, 424-436.	5.9	88
4	A multi-criteria model for auditing a Predictive Maintenance Programme. European Journal of Operational Research, 2012, 217, 381-393.	5.7	66
5	Health care reform in Portugal: an evaluation of the NHS experience. Health Economics (United) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	63
6	Organizing hospitals into networks: a hierarchical and multiservice model to define location, supply and referrals in planned hospital systems. OR Spectrum, 2012, 34, 319-348.	3.4	57
7	A Socio-technical Approach for Group Decision Support in Public Strategic Planning: The Pernambuco PPA Case. Group Decision and Negotiation, 2014, 23, 5-29.	3.3	53
8	Environmental determinants of population health in urban settings. A systematic review. BMC Public Health, 2020, 20, 853.	2.9	48
9	Modeling the demand for long-term care services under uncertain information. Health Care Management Science, 2012, 15, 385-412.	2.6	46
10	Multi-criteria decision analysis for health technology assessment: addressing methodological challenges to improve the state of the art. European Journal of Health Economics, 2019, 20, 891-918.	2.8	45
11	Enhancing knowledge construction processes within multicriteria decision analysis: The Collaborative Value Modelling framework. Omega, 2020, 94, 102047.	5.9	38
12	Indicators for evaluating European population health: a Delphi selection process. BMC Public Health, 2018, 18, 557.	2.9	37
13	An integrated approach for planning a long-term care network with uncertainty, strategic policy and equity considerations. European Journal of Operational Research, 2015, 247, 321-334.	5.7	36
14	Financing mental health care in Europe. Journal of Mental Health, 2007, 16, 167-180.	1.9	33
15	Moving towards an equitable long-term care network: A multi-objective and multi-period planning approach. Omega, 2016, 58, 69-85.	5.9	29
16	Modelling the redistribution of hospital supply to achieve equity taking account of patient's behaviour. Health Care Management Science, 2006, 9, 19-30.	2.6	28
17	Modelling multicriteria value interactions with Reasoning Maps. European Journal of Operational Research, 2017, 258, 1054-1071.	5.7	27
18	Measuring geographic inequities in the Portuguese health care system: an estimation of hospital care needs. Health Policy, 2003, 66, 277-293.	3.0	25

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19	Using discrete event simulation to compare the performance of family health unit and primary health care centre organizational models in Portugal. BMC Health Services Research, 2011, 11, 274.	2.2	25
20	Implementing mental health economic evaluation evidence: Building a bridge between theory and practice. Journal of Mental Health, 2007, 16, 223-241.	1.9	23
21	Moving beyond the mental health care system: An exploration of the interfaces between health and non-health sectors. Journal of Mental Health, 2007, 16, 181-194.	1.9	22
22	Using Structured EHR Data and SVM to Support ICD-9-CM Coding. , 2013, , .		21
23	Mental health and employment: An overview of patterns and policies across Western Europe. Journal of Mental Health, 2007, 16, 195-209.	1.9	19
24	Nondecision Making and Inertia in Portuguese Health Policy. Journal of Health Politics, Policy and Law, 2005, 30, 211-230.	1.9	18
25	Preprocessing structured clinical data for predictive modeling and decision support. Applied Clinical Informatics, 2016, 07, 1135-1153.	1.7	18
26	Improving occupational health and safety risk evaluation through decision analysis. International Transactions in Operational Research, 2018, 25, 375-403.	2.7	18
27	Advancing tools to promote health equity across European Union regions: the EURO-HEALTHY project. Health Research Policy and Systems, 2020, 18, 18.	2.8	17
28	O MÃ‰TODO MACBETH E APLICAÃ‡ÃƒO NO BRASIL. Engevista, 2013, 15, 3.	0.1	17
29	Modelling hospital costs to produce evidence for policies that promote equity and efficiency. European Journal of Operational Research, 2008, 185, 933-947.	5.7	16
30	Modelling demand and supply influences on utilization: A flow demand model to predict hospital utilization at the small area level. Applied Economics, 2004, 36, 2237-2251.	2.2	15
31	Making the case for developing alternative lameness scoring systems for dairy goats. Applied Animal Behaviour Science, 2015, 171, 94-100.	1.9	15
32	Requisite models for strategic commissioning: the example of type 1 diabetes. Health Care Management Science, 2008, 11, 89-110.	2.6	10
33	Prioritizing health care interventions: A multicriteria resource allocation model to inform the choice of community care programmes. Profiles in Operations Research, 2012, , 141-154.	0.4	10
34	Designing and exploring risk matrices with MACBETH. International Journal of Information Technology and Decision Making, 2018, 17, 45-81.	3.9	10
35	Scenarios for population health inequalities in 2030 in Europe: the EURO-HEALTHY project experience. International Journal for Equity in Health, 2019, 18, 100.	3.5	9
36	From problem structuring to optimization: A multi-methodological framework to assist the planning of medical training. European Journal of Operational Research, 2019, 273, 662-683.	5.7	8

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37	Meeting the challenge of funding and allocating resources to mental health across Europe: developing the Mental Health Economics European Network. Epidemiologia E Psichiatria Sociale, 2006, 15, 117-122.	0.9	7
38	Supporting the Project Portfolio Selection Decision of Research and Development Investments by Means of Multi-Criteria Resource Allocation Modelling. , 2017, , 89-103.		7
39	Can structured EHR data support clinical coding? A data mining approach. Health Systems, 2021, 10, 138-161.	1.2	6
40	Selecting Indicators to Monitor and Assess Environmental Health in a Portuguese Urban Setting: A Participatory Approach. International Journal of Environmental Research and Public Health, 2020, 17, 8597.	2.6	5
41	Enhancing optimization planning models for health human resources management with foresight. Omega, 2021, 103, 102384.	5.9	5
42	Collaborative development of composite indices from qualitative value judgements: The EURO-HEALTHY Population Health Index model. European Journal of Operational Research, 2023, 305, 475-492.	5.7	5
43	Valuing health states: is the MACBETH approach useful for valuing EQ-5D-3L health states?. Health and Quality of Life Outcomes, 2018, 16, 235.	2.4	4
44	Collaborative Value Modelling in corporate contexts with MACBETH. Procedia Computer Science, 2019, 162, 786-794.	2.0	4
45	Leveraging electronic health record data to inform hospital resource management. Health Care Management Science, 2021, 24, 716-741.	2.6	4
46	Introduction to the special issue: Management Science in the Fight Against Covid-19. Health Care Management Science, 2021, 24, 251-252.	2.6	4
47	Networks of primary and secondary care services: how to organise services so as to promote efficiency and quality in access while reducing costs. Quality in Primary Care, 2008, 16, 249-58.	0.8	4
48	Occupational health and safety: Designing and building with MACBETH a value risk-matrix for evaluating health and safety risks. Journal of Physics: Conference Series, 2015, 616, 012010.	0.4	3
49	Modeling Inter-sector Health Policy Options and Health Gains in a Long-term Care Network: A Location-Allocation Stochastic Planning Approach. Studies in Big Data, 2015, , 23-31.	1.1	3
50	Setting Requirements for a Dashboard to Inform Portuguese Decision-Makers About Environment Health in an Urban Setting. Frontiers in Public Health, 0, 10, .	2.7	3
51	Prioritizing risks based on multicriteria decision aid methodology: Development of methods applied to ALSTOM power. , 2009, , .		2
52	Clinical coding support based on structured data stored in electronic health records. , 2012, , .		2
53	Structuring Multicriteria Resource Allocation Models - A Framework to Assist Auditing Organizations. , 2017, , .		2
54	Multicriteria model to allocate human resources in community care programmes. , 2011, , .		1

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55	Introducing health gains in location-allocation models: A stochastic model for planning the delivery of long-term care. Journal of Physics: Conference Series, 2015, 616, 012007.	0.4	1
56	Fostering long-term care planning in practice: extending objectives and advancing stochastic treatment within location-allocation modelling. European Journal of Operational Research, 2021, 291, 1041-1061.	5.7	1
57	Developing methodologies to evaluate benefits and costs of Arterial Spin Labeling in Alzheimer's Disease. , 2011, , .		0
58	Design and test of a web-survey for collecting observer's ratings on dairy goats' behavioural data. Applied Animal Behaviour Science, 2016, 185, 52-58.	1.9	0
59	An Analysis On the Research Orientations in Healthcare Simulation Modeling. , 2019, , .		0
60	Técnico2122: rethinking engineering education at IST. , 2021, , .		0
61	Towards a Post-Implementation Evaluation Framework of Outpatient Electronic Drug Prescribing. , 2013, , 133-155.		0
62	Improving risk matrices using the MACBETH approach for multicriteria value measurement. , 2014, , 189-195.		0
63	Otimização de redes hospitalares: um modelo de localização hierárquico e multi-serviço aplicado ao caso Português. , 2014, , 673-702.		0
64	Methodology for Analysis of Improvement Opportunities of the Patient Transport Management System. , 0, , .		0