

Sally Brailsford Guest Editors:

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,590
citations

361413
20
h-index

265206
42
g-index

92
all docs

92
docs citations

92
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraint satisfaction problems: Algorithms and applications. European Journal of Operational Research, 1999, 119, 557-581.	5.7	272
2	Hybrid simulation modelling in operational research: A state-of-the-art review. European Journal of Operational Research, 2019, 278, 721-737.	5.7	229
3	Using industrial processes to improve patient care. BMJ: British Medical Journal, 2004, 328, 162-164.	2.3	205
4	OR in healthcare: A European perspective. European Journal of Operational Research, 2011, 212, 223-234.	5.7	177
5	A structured review of quantitative models in the blood supply chain: a taxonomic framework for decision-making. International Journal of Production Research, 2015, 53, 7191-7212.	7.5	156
6	Towards incorporating human behaviour in models of health care systems: An approach using discrete event simulation. European Journal of Operational Research, 2003, 150, 19-31.	5.7	85
7	Tutorial: Advances and challenges in healthcare simulation modeling. , 2007, , .		85
8	Towards the holy grail: Combining system dynamics and discrete-event simulation in healthcare. , 2010, , .		74
9	Simulation-optimization model for production planning in the blood supply chain. Health Care Management Science, 2017, 20, 548-564.	2.6	72
10	The progressive party problem: Integer linear programming and constraint programming compared. Constraints, 1996, 1, 119-138.	0.7	71
11	Facilitating the Analysis of a UK National Blood Service Supply Chain Using Distributed Simulation. Simulation, 2009, 85, 113-128.	1.8	63
12	System dynamics: Whatâ€™s in it for healthcare simulation modelers. , 2008, , .		60
13	Simulation in health-care: lessons from other sectors. Operational Research, 2012, 12, 45-55.	2.0	49
14	Whole blood or apheresis donations? A multi-objective stochastic optimization approach. European Journal of Operational Research, 2018, 266, 193-204.	5.7	49
15	Stakeholder engagement in health care simulation. , 2009, , .		41
16	Combined Discrete-event Simulation and Ant Colony Optimisation Approach for Selecting Optimal Screening Policies for Diabetic Retinopathy. Computational Management Science, 2006, 4, 59-83.	1.3	40
17	Cross-paradigm simulation modeling: Challenges and successes. , 2011, , .		34
18	Designing the blood supply chain: how much, how and where?. Vox Sanguinis, 2018, 113, 760-769.	1.5	34

#	ARTICLE	IF	CITATIONS
19	Discrete-event simulation is alive and kicking!. Journal of Simulation, 2014, 8, 1-8.	1.5	33
20	Purpose and benefits of hybrid simulation: Contributing to the convergence of its definition. , 2017, , .		33
21	Hybrid Simulation: Historical lessons, present challenges and futures. , 2016, , .		32
22	Impact of combined vector-control and vaccination strategies on transmission dynamics of dengue fever: a model-based analysis. Health Care Management Science, 2015, 18, 205-217.	2.6	30
23	Overcoming the barriers to implementation of operations research simulation models in healthcare. Clinical and Investigative Medicine, 2005, 28, 312-5.	0.6	29
24	Mapping care pathways for the elderly. Journal of Health Organization and Management, 2005, 19, 57-72.	1.3	26
25	Modelling of Hampshire Adult Servicesâ€™gearing up for future demands. Health Care Management Science, 2008, 11, 167-176.	2.6	26
26	System Dynamics modeling of Chlamydia infection for screening intervention planning and cost-benefit estimation. IMA Journal of Management Mathematics, 2005, 16, 265-279.	1.6	25
27	Evaluating screening policies for the early detection of retinopathy in patients with non-insulin dependent diabetes. Health Care Management Science, 1998, 1, 115-124.	2.6	23
28	Improving healthcare access management by predicting patient no-show behaviour. Decision Support Systems, 2020, 138, 113398.	5.9	22
29	Hybrid simulation for health and social care: The way forward, or more trouble than it's worth?. , 2013, , .		20
30	Hybrid simulation in healthcare: New concepts and new tools. , 2015, , .		20
31	Modeling and simulation grand challenges: An OR/MS perspective. , 2013, , .		19
32	How many dentists does Sri Lanka need? Modelling to inform policy decisions. Journal of the Operational Research Society, 2015, 66, 1566-1577.	3.4	19
33	Hybrid simulation studies and Hybrid Simulation systems: Definitions, challenges, and benefits. , 2015, , .		18
34	A multi-paradigm, whole system view of health and social care for age-related macular degeneration. , 2012, , .		15
35	HYBRID SIMULATION CHALLENGES AND OPPORTUNITIES: A LIFE-CYCLE APPROACH. , 2018, , .		15
36	Special issue on advances in system dynamics modelling from the perspective of other simulation methods. Journal of Simulation, 2018, 12, 87-89.	1.5	14

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37	Opportunities and Challenges in Health Care Simulation. Profiles in Operations Research, 2009, , 195-229.	0.4	13
38	A tutorial on selecting and interpreting predictive models for ordinal health-related outcomes. Health Services and Outcomes Research Methodology, 2015, 15, 223-240.	1.8	13
39	Panel "Reproducible research in discrete event simulation" A must or rather a maybe?. , 2016, , .		12
40	Using system dynamics to evaluate control strategies for mosquito-borne diseases spread by human travel. Computers and Operations Research, 2013, 40, 2219-2228.	4.0	11
41	The progressive party problem: Integer linear programming and constraint programming compared. Lecture Notes in Computer Science, 1995, , 36-52.	1.3	11
42	The dynamics of frailty development and progression in older adults in primary care in England (2006"2017): a retrospective cohort profile. BMC Geriatrics, 2022, 22, 30.	2.7	11
43	Incorporating Human Behavior in Healthcare Simulation Models. , 2006, , .		10
44	Screening for Diabetic Retinopathy. , 2005, , 493-518.		9
45	Modeling human behavior - an (id)entity crisis?. , 2014, , .		8
46	A Model of Spatially Constrained Social Network Dynamics. Social Science Computer Review, 2014, 32, 373-392.	4.2	8
47	Five decades of healthcare simulation. , 2017, , .		8
48	Health care management. Flexible Services and Manufacturing Journal, 2012, 24, 375-378.	3.4	7
49	Distributed Simulation with COTS Simulation Packages: A Case Study in Health Care Supply Chain Simulation. , 2006, , .		6
50	Milestones in OR. Journal of the Operational Research Society, 2009, 60, S1-S4.	3.4	6
51	Professional perspectives on systemic barriers to admission avoidance: learning from a system dynamics study of older people's admission pathways. International Journal of Older People Nursing, 2015, 10, 105-114.	1.3	6
52	The economic impact and cost-effectiveness of combined vector-control and dengue vaccination strategies in Thailand: results from a dynamic transmission model. PLoS Neglected Tropical Diseases, 2020, 14, e0008805.	3.0	6
53	A bi-objective optimization model for technology selection and donor's assignment in the blood supply chain. Sistemas Y Telemática, 2014, 12, 9.	0.1	6
54	Complex systems modeling for supply and demand in health and social care. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
55	Modeling for everyone: Emphasizing the role of modeling in stem education. , 2014, , .		4
56	Reducing dengue fever cases at the lowest budget: a constrained optimization approach applied to Thailand. BMC Public Health, 2021, 21, 807.	2.9	4
57	Introduction to the special issue: Management Science in the Fight Against Covid-19. Health Care Management Science, 2021, 24, 251-252.	2.6	4
58	Using system dynamics to model the social care system: Simulation modeling as the catalyst in linking demography to care delivery. , 2012, , .		3
59	Care & Cure: Combine or Collaborate? Evaluating Inter-Organizational Designs in Healthcare. Proceedings - Academy of Management, 2013, 2013, 14734.	0.1	3
60	Lyn Thomas 1946â€“2016. European Journal of Operational Research, 2017, 257, 353-354.	5.7	2
61	Improving inter-organizational care-cure designs: specialization versus integration. Journal of Integrated Care, 2018, 26, 328-341.	0.5	2
62	Special issue on healthcare behavioural OR. Journal of the Operational Research Society, 2020, 71, 1053-1054.	3.4	2
63	The agency role of simulation models in model-building groups. Journal of the Operational Research Society, 2022, 73, 1423-1443.	3.4	2
64	A hybrid simulation approach for planning health and social care services. Journal of Simulation, 2023, 17, 312-325.	1.5	2
65	Health Care management - A case for simulation. OR Insight, 1995, 8, 4-5.	0.1	1
66	Vensim and the development of system dynamics. , 2014, , 215-247.		1
67	Simulating the provision of antiretroviral therapy in Zambia. , 2015, , .		1
68	An analytical framework for group simulation model building. Health Systems, 2020, 10, 1-14.	1.2	1
69	Improving intervention design to promote cervical cancer screening among hard-to-reach women: assessing beliefs and predicting individual attendance probabilities in Bogotá, Colombia. BMC Women's Health, 2022, 22, .	2.0	1
70	Improving the NHS demands more than just extra money. BMJ, The, 2015, 350, h3338-h3338.	6.0	0
71	Evidence from healthcare modeling: What is its nature, and how should it be used?. , 2015, , .		0
72	Speeding Up Decision Support. , 2010, , 255-273.		0