

Martin Utley

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

2,731
citations

172457

29
h-index

206112

48
g-index

115
all docs

115
docs citations

115
times ranked

3125
citing authors

#	ARTICLE	IF	CITATIONS
1	The European Thoracic Surgery Database project: modelling the risk of in-hospital death following lung resection. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 28, 306-311.	1.4	154
2	The role of embedded research in quality improvement: a narrative review. <i>BMJ Quality and Safety</i> , 2017, 26, 70-80.	3.7	143
3	Moving improvement research closer to practice: the Researcher-in-Residence model: Table A1. <i>BMJ Quality and Safety</i> , 2014, 23, 801-805.	3.7	138
4	Delivering stepped care: an analysis of implementation in routine practice. <i>Implementation Science</i> , 2012, 7, 3.	6.9	120
5	The Papworth Bleeding Risk Score: a stratification scheme for identifying cardiac surgery patients at risk of excessive early postoperative bleeding. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 924-930.	1.4	118
6	Pulmonary metastasectomy in colorectal cancer: a systematic review and quantitative synthesis. <i>Journal of the Royal Society of Medicine</i> , 2010, 103, 60-66.	2.0	116
7	Booked inpatient admissions and hospital capacity: mathematical modelling study. <i>BMJ: British Medical Journal</i> , 2002, 324, 280-282.	2.3	99
8	Pulmonary metastasectomy for sarcoma: a systematic review of reported outcomes in the context of Thames Cancer Registry data. <i>BMJ Open</i> , 2012, 2, e001736.	1.9	93
9	Trends in 30-day mortality rate and case mix for paediatric cardiac surgery in the UK between 2000 and 2010. <i>Open Heart</i> , 2015, 2, e000157.	2.3	80
10	How many births in sub-Saharan Africa and South Asia will not be attended by a skilled birth attendant between 2011 and 2015?. <i>BMC Pregnancy and Childbirth</i> , 2012, 12, 4.	2.4	79
11	Ten traps for the unwary in surgical series: A case study in mesothelioma reports. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1414-1418.	0.8	64
12	FDG-PET maximum standardised uptake value is associated with variation in survival: Analysis of 498 lung cancer patients. <i>Lung Cancer</i> , 2007, 55, 75-78.	2.0	63
13	Estimation of potential effects of improved community-based drug provision, to augment health-facility strengthening, on maternal mortality due to post-partum haemorrhage and sepsis in sub-Saharan Africa: an equity-effectiveness model. <i>Lancet, The</i> , 2009, 374, 1441-1448.	13.7	61
14	School-based vaccination programmes: a systematic review of the evidence on organisation and delivery in high income countries. <i>BMC Public Health</i> , 2017, 17, 252.	2.9	54
15	Manufacturing and placing a bespoke support for the Marfan aortic root: description of the method and technical results and status at one year for the first ten patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 360-365.	1.1	53
16	Assessment of whether in-hospital mortality for lobectomy is a useful standard for the quality of lung cancer surgery: retrospective study. <i>BMJ: British Medical Journal</i> , 2003, 327, 73-0.	2.3	52
17	Addressing the challenges of knowledge co-production in quality improvement: learning from the implementation of the researcher-in-residence model. <i>BMJ Quality and Safety</i> , 2019, 28, 67-73.	3.7	47
18	Development of a diagnosis- and procedure-based risk model for 30-day outcome after pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 1270-1278.	0.8	46

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19	When professional opinion is not enough. <i>BMJ: British Medical Journal</i> , 2007, 334, 831-832.	2.3	43
20	Providing feedback to hospital doctors about prescribing errors; a pilot study. <i>International Journal of Clinical Pharmacy</i> , 2007, 29, 213-220.	1.4	43
21	Interpreting Data from Surgical Follow-Up Studies: The Role of Modeling. <i>Journal of Thoracic Oncology</i> , 2010, 5, S200-S202.	1.1	43
22	Death and Emergency Readmission of Infants Discharged After Interventions for Congenital Heart Disease: A National Study of 7643 Infants to Inform Service Improvement. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	42
23	Operational research applied to decisions in home health care: A systematic literature review. <i>Journal of the Operational Research Society</i> , 2021, 72, 1960-1991.	3.4	42
24	Analytical methods for calculating the capacity required to operate an effective booked admissions policy for elective inpatient services. <i>Health Care Management Science</i> , 2003, 6, 97-104.	2.6	38
25	Real time monitoring of risk-adjusted paediatric cardiac surgery outcomes using variable life-adjusted display: implementation in three UK centres. <i>Heart</i> , 2013, 99, 1445-1450.	2.9	38
26	Estimating bed requirements for an intermediate care facility. <i>European Journal of Operational Research</i> , 2003, 150, 92-100.	5.7	36
27	Improving Risk Adjustment for Mortality After Pediatric Cardiac Surgery: The UK PRAiS2 Model. <i>Annals of Thoracic Surgery</i> , 2017, 104, 211-219.	1.3	35
28	Incidence and risk factors for important early morbidities associated with pediatric cardiac surgery in a UK population. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 1185-1196.e7.	0.8	35
29	A systematic literature review of operational research methods for modelling patient flow and outcomes within community healthcare and other settings. <i>Health Systems</i> , 2018, 7, 29-50.	1.2	34
30	Interventional treatments and risk factors in patients born with hypoplastic left heart syndrome in England and Wales from 2000 to 2015. <i>Heart</i> , 2018, 104, 1500-1507.	2.9	25
31	Definition of important early morbidities related to paediatric cardiac surgery. <i>Cardiology in the Young</i> , 2017, 27, 747-756.	0.8	24
32	A survey of opinions and beliefs concerning surgery for malignant pleural mesothelioma amongst 802 members of the European Association for Cardio-Thoracic Surgery (EACTS), the European Society of Thoracic Surgeons (ESTS) and the Society of Thoracic Surgeons (STS). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 12, 341-346.	1.1	23
33	A method for early evaluation of a recently introduced technology by deriving a comparative group from existing clinical data: a case study in external support of the Marfan aortic root. <i>BMJ Open</i> , 2012, 2, e000725.	1.9	23
34	Surgical removal of asymptomatic pulmonary metastases: time for better evidence. <i>BMJ</i> , The, 2013, 346, f824-f824.	6.0	23
35	Combining qualitative and quantitative operational research methods to inform quality improvement in pathways that span multiple settings. <i>BMJ Quality and Safety</i> , 2017, 26, 641-652.	3.7	23
36	Obtaining an upper estimate of the survival benefit associated with surgery for mesothelioma. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, 241-244.	1.4	21

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37	The management of trauma victims in England and Wales: a study by the National Confidential Enquiry into Patient Outcome and Death. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 340-343.	1.4	20
38	Monitoring Risk-Adjusted Outcomes in Congenital Heart Surgery: Does the Appropriateness of a Risk Model Change With Time?. <i>Annals of Thoracic Surgery</i> , 2009, 87, 584-587.	1.3	20
39	A prospective randomized controlled study to assess the effectiveness of CoSeal® to seal air leaks in lung surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 304-8.	1.4	20
40	A consensus process for identifying a prioritised list of study questions. <i>Health Care Management Science</i> , 2007, 10, 105-110.	2.6	19
41	Levels of acute health service use among cancer survivors in the United Kingdom. <i>European Journal of Cancer</i> , 2011, 47, 2211-2220.	2.8	19
42	Identifying improvements to complex pathways: evidence synthesis and stakeholder engagement in infant congenital heart disease. <i>BMJ Open</i> , 2016, 6, e010363.	1.9	19
43	Surgical resection of lung cancer England: more operations but no trials to test their effectiveness. <i>Thorax</i> , 2012, 67, 759-761.	5.6	18
44	Are we prepared for the next influenza pandemic? Lessons from modelling different preparedness policies against four pandemic scenarios. <i>Journal of Theoretical Biology</i> , 2019, 481, 223-232.	1.7	17
45	Mesothelioma: Benefit from Surgical Resection is Questionable. <i>Journal of Thoracic Oncology</i> , 2007, 2, 885-886.	1.1	16
46	The relationship between workload and medical staffing levels in a paediatric cardiac intensive care unit. <i>Intensive Care Medicine</i> , 2011, 37, 326-333.	8.2	16
47	Examining the feasibility of using a modelling tool to assess resilience across a health-care system and assist with decisions concerning service reconfiguration. <i>Journal of the Operational Research Society</i> , 2014, 65, 1522-1532.	3.4	15
48	Selection by a panel of clinicians and family representatives of important early morbidities associated with paediatric cardiac surgery suitable for routine monitoring using the nominal group technique and a robust voting process. <i>BMJ Open</i> , 2017, 7, e014743.	1.9	15
49	A model to evaluate mass vaccination against pneumococcus as a countermeasure against pandemic influenza. <i>Vaccine</i> , 2011, 29, 5065-5077.	3.8	14
50	Interventions and Outcomes in Children With Hypoplastic Left Heart Syndrome Born in England and Wales Between 2000 and 2015 Based on the National Congenital Heart Disease Audit. <i>Circulation</i> , 2017, 136, 1765-1767.	1.6	14
51	Use of diagnostic information submitted to the United Kingdom Central Cardiac Audit Database: development of categorisation and allocation algorithms. <i>Cardiology in the Young</i> , 2013, 23, 491-498.	0.8	13
52	MARS: A Sense of Perspective and an Inconvenient Truth. <i>Journal of Thoracic Oncology</i> , 2013, 8, e48-e49.	1.1	13
53	Does triage to critical care during a pandemic necessarily result in more survivors?. <i>Critical Care Medicine</i> , 2011, 39, 179-183.	0.9	12
54	Editorial Comment: Forty years on: pulmonary metastasectomy for sarcoma. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 799-800.	1.4	12

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55	Development, implementation and evaluation of a tool for forecasting short term demand for beds in an intensive care unit. <i>Operations Research for Health Care</i> , 2017, 15, 19-31.	1.2	12
56	The benefits and risks of risk-adjustment in paediatric cardiac surgery. <i>Heart</i> , 2014, 100, 528-529.	2.9	11
57	Improving the production of applied health research findings: insights from a qualitative study of operational research. <i>Implementation Science</i> , 2017, 12, 112.	6.9	11
58	MADCAP: a graphical method for assessing risk scoring systems. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 431-433.	1.4	10
59	The Use of Scoring Systems in Selecting Patients for Lung Resection: Work-up Bias Comes Full-Circle. <i>Thoracic Surgery Clinics</i> , 2008, 18, 107-112.	1.0	10
60	Infinite-server queueing models of demand in healthcare: A review of applications and ideas for further work. <i>Journal of the Operational Research Society</i> , 2020, 71, 1145-1160.	3.4	10
61	Restructuring routine elective services to reduce overall capacity requirements within a local health economy. <i>Health Care Management Science</i> , 2008, 11, 240-247.	2.6	9
62	Capacity Planning. <i>Profiles in Operations Research</i> , 2012, , 11-30.	0.4	9
63	ARMADA—a computer model of the impact of environmental factors on health. <i>Health Care Management Science</i> , 2003, 6, 137-146.	2.6	8
64	Analysing barriers to service improvement using a multi-level theory of innovation: the case of glaucoma outpatient clinics. <i>Sociology of Health and Illness</i> , 2018, 40, 654-669.	2.1	8
65	Parents' Experience and Views of Vaccinating Their Child against Influenza at Primary School and at the General Practice. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 622.	2.6	8
66	Erlang could have told you so—a case study of health policy without maths. <i>Health Policy</i> , 2019, 123, 1282-1287.	3.0	8
67	Exploring communication between parents and clinical teams following children's heart surgery: a survey in the UK. <i>BMJ Paediatrics Open</i> , 2019, 3, e000391.	1.4	8
68	Exploring the role of mass immunisation in influenza pandemic preparedness: A modelling study for the UK context. <i>Vaccine</i> , 2020, 38, 5163-5170.	3.8	8
69	Improving risk adjustment in the PRAiS (Partial Risk Adjustment in Surgery) model for mortality after paediatric cardiac surgery and improving public understanding of its use in monitoring outcomes. <i>Health Services and Delivery Research</i> , 2017, 5, 1-164.	1.4	8
70	Informing decisions concerning adjuvant chemotherapy following surgical resection for non-small cell lung cancer: A mathematical modelling study. <i>Lung Cancer</i> , 2006, 53, 153-156.	2.0	7
71	A technical note concerning emergency bed demand. <i>Health Care Management Science</i> , 2011, 14, 250-252.	2.6	7
72	Seeking consensus by formal methods: a health warning. <i>Journal of the Royal Society of Medicine</i> , 2007, 100, 10-14.	2.0	6

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73	Paediatric cardiac surgery. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 4-6.	1.2	6
74	A method for evaluating the cost-benefit of different preparedness planning policies against pandemic influenza. <i>MethodsX</i> , 2020, 7, 100870.	1.6	6
75	Monitoring the effectiveness of anticoagulation control. <i>International Journal of Health Care Quality Assurance</i> , 2005, 18, 7-14.	0.9	5
76	How can operational research and ethnography help to fix <i><i>your</i></i> emergency department?. <i>Journal of the Royal Society of Medicine</i> , 2019, 112, 415-419.	2.0	5
77	Appropriateness of VATS and bedside thoracostomy talc pleurodesis as judged by a panel using the RAND/UCLA appropriateness method (RAM). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2006, 5, 311-316.	1.1	4
78	A technical note concerning non-adherence to drug therapy: exact expressions for the mean and variance of drug concentration. <i>Health Care Management Science</i> , 2008, 11, 296-301.	2.6	4
79	Bring on the geeks: the case for improved modelling of capacity requirements. <i>Archives of Disease in Childhood</i> , 2012, 97, 933-934.	1.9	4
80	Modelling toolkit to assist with introducing a stepped care system design in mental health care. <i>Journal of the Operational Research Society</i> , 2013, 64, 1049-1059.	3.4	4
81	Operational analysis of school-based delivery models to vaccinate children against influenza. <i>Health Systems</i> , 2020, 10, 1-10.	1.2	4
82	Early morbidities following paediatric cardiac surgery: a mixed-methods study. <i>Health Services and Delivery Research</i> , 2020, 8, 1-192.	1.4	4
83	How Best to Manage the Space after Pneumonectomy? Theory and Experience but no Evidence. <i>Heart Lung and Circulation</i> , 2007, 16, 103-106.	0.4	3
84	Quantifying the impact of non-adherence to drug therapy: a technical note concerning an application of a branch and bound algorithm. <i>Health Care Management Science</i> , 2008, 11, 302-305.	2.6	3
85	Editorial: IMA Health 2007. <i>Health Care Management Science</i> , 2008, 11, 87-88.	2.6	3
86	Analytical methods for calculating the distribution of the occupancy of each state within a multi-state flow system. <i>IMA Journal of Management Mathematics</i> , 2009, 20, 345-355.	1.6	3
87	An operational research approach to identify cardiac surgery patients at risk of severe post-operative bleeding. <i>Health Care Management Science</i> , 2011, 14, 215-222.	2.6	3
88	LUCADA: a valuable resource but there are questions it cannot answer. <i>Thorax</i> , 2011, 66, 1023-1024.	5.6	3
89	Monitoring mortality trends in low-resource settings. <i>Bulletin of the World Health Organization</i> , 2012, 90, 474-476.	3.3	3
90	Using a mathematical model to assist with the management of paediatric heart transplant waiting lists: a case study. <i>IMA Journal of Management Mathematics</i> , 2012, 23, 99-116.	1.6	3

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91	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1602-1603.	1.3	3
92	A novel approach to evaluating the UK childhood immunisation schedule: estimating the effective coverage vector across the entire vaccine programme. <i>BMC Infectious Diseases</i> , 2015, 15, 585.	2.9	3
93	Informing decisions on the purchase of equipment used by health services in response to incidents involving hazardous materials. <i>International Journal of Disaster Risk Reduction</i> , 2018, 28, 113-121.	3.9	3
94	A method for evaluating and comparing immunisation schedules that cover multiple diseases: Illustrative application to the UK routine childhood vaccine schedule. <i>Vaccine</i> , 2018, 36, 5340-5347.	3.8	3
95	On the modelling and performance measurement of service networks with heterogeneous customers. <i>Annals of Operations Research</i> , 2020, 293, 237-268.	4.1	3
96	Praxis in healthcare OR: An empirical behavioural OR study. <i>Journal of the Operational Research Society</i> , 2022, 73, 1444-1456.	3.4	3
97	A stochastic model to evaluate options for antenatal genetic screening. <i>Health Care Management Science</i> , 2006, 9, 111-124.	2.6	2
98	Modelling to estimate future trends in cancer prevalence. <i>Health Care Management Science</i> , 2011, 14, 262-266.	2.6	2
99	A Mathematical Modelling Approach for Systems Where the Servers Are Almost Always Busy. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-6.	1.3	2
100	Surgical resection of lung cancer in England: more operations but no trials to test their effectiveness. <i>Thorax</i> , 2013, 68, 187.2-188.	5.6	2
101	Using visualisation methods to analyse referral networks within community health care among patients aged 65 years and over. <i>Health Informatics Journal</i> , 2020, 26, 354-375.	2.1	2
102	A Computational Algorithm Associated with Patient Progress Modelling. <i>Computational Management Science</i> , 2007, 4, 283-299.	1.3	1
103	A tool for routine monitoring and feedback of morbidities following paediatric cardiac surgery. <i>Cardiology in the Young</i> , 2020, 30, 28-33.	0.8	1
104	Development and Formative Evaluation of a Visual E-Tool to Help Decision Makers Navigate the Evidence Around Health Financing. <i>JMIR Research Protocols</i> , 2012, 1, e25.	1.0	1
105	Reply to Lim. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 1152-1152.	1.4	0
106	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1289-1290.	1.3	0
107	Community-based interventions to reduce maternal mortality – Authors' reply. <i>Lancet, The</i> , 2010, 375, 458-459.	13.7	0
108	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2011, 92, 957.	1.3	0