

Terry Young

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,461
citations

304743

22
h-index

214800

47
g-index

62
all docs

62
docs citations

62
times ranked

3976
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterising and justifying sample size sufficiency in interview-based studies: systematic analysis of qualitative health research over a 15-year period. BMC Medical Research Methodology, 2018, 18, 148.	3.1	1,197
2	Simulation in manufacturing and business: A review. European Journal of Operational Research, 2010, 203, 1-13.	5.7	466
3	Using industrial processes to improve patient care. BMJ: British Medical Journal, 2004, 328, 162-164.	2.3	205
4	Image-Based Quantitative Analysis of Gold Immunochromatographic Strip via Cellular Neural Network Approach. IEEE Transactions on Medical Imaging, 2014, 33, 1129-1136.	8.9	138
5	Simulation modelling in healthcare: reviewing legacies and investigating futures. Journal of the Operational Research Society, 2007, 58, 262-270.	3.4	132
6	The role of the user within the medical device design and development process: medical device manufacturers' perspectives. BMC Medical Informatics and Decision Making, 2011, 11, 15.	3.0	126
7	Understanding innovators' experiences of barriers and facilitators in implementation and diffusion of healthcare service innovations: a qualitative study. BMC Health Services Research, 2011, 11, 342.	2.2	120
8	Time to rethink health care and ICT?. Communications of the ACM, 2007, 50, 69-74.	4.5	92
9	Integrating health economics modeling in the product development cycle of medical devices: A Bayesian approach. International Journal of Technology Assessment in Health Care, 2008, 24, 459-464.	0.5	77
10	Investing in new medical technologies: A decision framework. Journal of Commercial Biotechnology, 2007, 13, 263-271.	0.4	66
11	Evaluating healthcare information systems through an "enterprise" perspective. Information and Management, 2007, 44, 433-440.	6.5	58
12	Accessing personal medical records online: A means to what ends?. International Journal of Medical Informatics, 2015, 84, 111-118.	3.3	54
13	Some challenges facing Lean Thinking in healthcare. International Journal for Quality in Health Care, 2009, 21, 309-310.	1.8	52
14	Simulation in health-care: lessons from other sectors. Operational Research, 2012, 12, 45-55.	2.0	49
15	A conceptual framework for hybrid system dynamics and discrete event simulation for healthcare. Journal of Enterprise Information Management, 2013, 26, 50-74.	7.5	48
16	Early-Stage Valuation of Medical Devices: The Role of Developmental Uncertainty. Value in Health, 2010, 13, 585-591.	0.3	44
17	HEADROOM APPROACH TO DEVICE DEVELOPMENT: CURRENT AND FUTURE DIRECTIONS. International Journal of Technology Assessment in Health Care, 2015, 31, 331-338.	0.5	37
18	An Agenda for Healthcare and Information Simulation. Health Care Management Science, 2005, 8, 189-196.	2.6	35

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19	Reviewing and Extending the Five-User Assumption. ACM Transactions on Computer-Human Interaction, 2013, 20, 1-23.	5.7	31
20	A rapid review method for extremely large corpora of literature: Applications to the domains of modelling, simulation, and management. International Journal of Information Management, 2011, 31, 234-243.	17.5	30
21	Key performance indicators for successful simulation projects. Journal of the Operational Research Society, 2017, 68, 747-765.	3.4	30
22	An exploratory survey of current practice in the medical device industry. Journal of Manufacturing Technology Management, 2009, 20, 218-234.	6.4	29
23	How many testers are needed to assure the usability of medical devices?. Expert Review of Medical Devices, 2014, 11, 513-525.	2.8	24
24	An Integrated Model of Patient and Staff Satisfaction Using Queuing Theory. IEEE Journal of Translational Engineering in Health and Medicine, 2015, 3, 1-10.	3.7	22
25	The use of mobile devices for information sharing in a technology-supported model of care in A&E. International Journal of Electronic Healthcare, 2007, 3, 90.	0.3	21
26	Three critical challenges for modeling and simulation in healthcare. , 2009, , .		21
27	Meeting the four-hour deadline in an A&E department. Journal of Health Organization and Management, 2011, 25, 606-624.	1.3	21
28	Health care: a case of hypercomplexity?. Health Systems, 2015, 4, 104-110.	1.2	17
29	Ultrasonic imaging technologies in perspective. Journal of Medical Engineering and Technology, 2011, 35, 289-299.	1.4	15
30	Development of a Technology Adoption and Usage Prediction Tool for Assistive Technology for People with Dementia. Interacting With Computers, 2014, 26, 169-176.	1.5	15
31	Wavelength demultiplexer integrated on AlGaInAs/InP for 1.5 μ m operation. Electronics Letters, 1989, 25, 1488.	1.0	14
32	Towards a framework for healthcare simulation. , 2007, , .		13
33	A survey of success factors in New Product Development in the medical devices industry. , 2008, , .		12
34	Interpreting and acting upon home blood pressure readings: a qualitative study. BMC Family Practice, 2013, 14, 97.	2.9	12
35	RIGHT: A toolkit for selecting healthcare modelling methods. Journal of Simulation, 2010, 4, 2-13.	1.5	10
36	PRICING OF MEDICAL DEVICES UNDER COVERAGE UNCERTAINTY—A MODELLING APPROACH. Health Economics (United Kingdom), 2012, 21, 1502-1507.	1.7	10

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37	Technology-assisted self-testing and management of oral anticoagulation therapy: a qualitative patient-focused study. <i>Scandinavian Journal of Caring Sciences</i> , 2017, 31, 603-617.	2.1	10
38	Application of the Experience Curve to price trends in medical devices: Implications for product development and marketing strategies. <i>Journal of Medical Marketing</i> , 2008, 8, 241-255.	0.2	9
39	Transferability of economic evaluations of medical technologies: a new technology for orthopedic surgery. <i>Expert Review of Medical Devices</i> , 2008, 5, 329-336.	2.8	9
40	Hybrid finite element/boundary element method for analysis of discontinuities in planar dielectric waveguides. <i>Electronics Letters</i> , 1990, 26, 47-48.	1.0	9
41	Assessing the value of modelling and simulation in health care: An example based on increasing access to stroke treatment. <i>Journal of the Operational Research Society</i> , 2019, 70, 226-236.	3.4	8
42	Modeling Throughput of Emergency Departments via Time Series. <i>ACM Transactions on Management Information Systems</i> , 2013, 4, 1-16.	2.8	7
43	Design of an InGaAlAs/InP $\lambda/3$ wavelength division demultiplexer employing a novel mode transformer. <i>Electronics Letters</i> , 1990, 26, 336.	1.0	6
44	A highly dispersive wavelength division demultiplexer in InGaAlAs-InP for 1.5 μ m operation. <i>IEEE Photonics Technology Letters</i> , 1990, 2, 734-737.	2.5	5
45	The Production and Use of Evidence in Health Care Service Innovation. <i>Evaluation and the Health Professions</i> , 2013, 36, 93-105.	1.9	5
46	Evaluating the financial impact of modeling and simulation in healthcare: Proposed framework with a case study. , 2015, , .		5
47	Systems, design and value-for-money in the NHS: mission impossible?. <i>Future Healthcare Journal</i> , 2018, 5, 156-159.	1.4	5
48	Finite element modeling of a polarization independent optical amplifier. <i>Journal of Lightwave Technology</i> , 1992, 10, 626-633.	4.6	4
49	The costs and value of modelling-based design in healthcare delivery: five case studies from the US. <i>Health Systems</i> , 2020, 9, 253-262.	1.2	4
50	Economics of modeling and simulation: Reflections and implications for healthcare. , 2010, , .		3
51	Value Propositions for Information Systems in Healthcare. , 2008, , .		2
52	Why healthcare professionals are slow to adopt modeling and simulation. , 2012, , .		2
53	Towards a framework for evaluating the costs and benefits of simulation modelling in healthcare. <i>Journal of the Operational Research Society</i> , 2023, 74, 637-646.	3.4	2
54	Discovery of Value Streams for Lean Healthcare. , 2008, , .		1

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55	Student modeling & simulation projects in healthcare: Experiences with Hillingdon Hospital. , 2014, , .		1
56	Evaluating "Connecting for Health": Policy implications of a UK mega-programme. International Federation for Information Processing, 2008, , 357-362.	0.4	1
57	Introduction to special issue on healthcare modeling and simulation. ACM Transactions on Modeling and Computer Simulation, 2011, 21, 1-2.	0.8	0
58	Improving the NHS demands more than just extra money. BMJ, The, 2015, 350, h3338-h3338.	6.0	0
59	Evidence from healthcare modeling: What is its nature, and how should it be used?. , 2015, , .		0
60	Medical Devices: Panel Discussion. Lecture Notes in Computer Science, 2012, , 62-62.	1.3	0