

# Terry Young

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2176832/publications.pdf>

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	Towards a framework for evaluating the costs and benefits of simulation modelling in healthcare. Journal of the Operational Research Society, 2023, 74, 637-646.	3.4	2
2	The costs and value of modelling-based design in healthcare delivery: five case studies from the US. Health Systems, 2020, 9, 253-262.	1.2	4
3	Assessing the value of modelling and simulation in health care: An example based on increasing access to stroke treatment. Journal of the Operational Research Society, 2019, 70, 226-236.	3.4	8
4	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
5	Systems, design and value-for-money in the NHS: mission impossible?. Future Healthcare Journal, 2018, 5, 156-159.	1.4	5
6	Technology-assisted self-testing and management of oral anticoagulation therapy: a qualitative patient-focused study. Scandinavian Journal of Caring Sciences, 2017, 31, 603-617.	2.1	10
7	Key performance indicators for successful simulation projects. Journal of the Operational Research Society, 2017, 68, 747-765.	3.4	30
8	HEADROOM APPROACH TO DEVICE DEVELOPMENT: CURRENT AND FUTURE DIRECTIONS. International Journal of Technology Assessment in Health Care, 2015, 31, 331-338.	0.5	37
9	Evaluating the financial impact of modeling and simulation in healthcare: Proposed framework with a case study. , 2015, , .		5
10	Improving the NHS demands more than just extra money. BMJ, The, 2015, 350, h3338-h3338.	6.0	0
11	Evidence from healthcare modeling: What is its nature, and how should it be used?. , 2015, , .		0
12	Health care: a case of hypercomplexity?. Health Systems, 2015, 4, 104-110.	1.2	17
13	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
14	Accessing personal medical records online: A means to what ends?. International Journal of Medical Informatics, 2015, 84, 111-118.	3.3	54
15	Student modeling & simulation projects in healthcare: Experiences with Hillingdon Hospital. , 2014, , .		1
16	How many testers are needed to assure the usability of medical devices?. Expert Review of Medical Devices, 2014, 11, 513-525.	2.8	24
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Interpreting and acting upon home blood pressure readings: a qualitative study. BMC Family Practice, 2013, 14, 97.	2.9	12
20	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
21	Modeling Throughput of Emergency Departments via Time Series. ACM Transactions on Management Information Systems, 2013, 4, 1-16.	2.8	7
22	The Production and Use of Evidence in Health Care Service Innovation. Evaluation and the Health Professions, 2013, 36, 93-105.	1.9	5
23	Reviewing and Extending the Five-User Assumption. ACM Transactions on Computer-Human Interaction, 2013, 20, 1-23.	5.7	31
24	Why healthcare professionals are slow to adopt modeling and simulation. , 2012, , .		2
25	Simulation in health-care: lessons from other sectors. Operational Research, 2012, 12, 45-55.	2.0	49
26	PRICING OF MEDICAL DEVICES UNDER COVERAGE UNCERTAINTYâ€”A MODELLING APPROACH. Health Economics (United Kingdom), 2012, 21, 1502-1507.	1.7	10
27	Medical Devices: Panel Discussion. Lecture Notes in Computer Science, 2012, , 62-62.	1.3	0
28	Meeting the four-hour deadline in an A&E department. Journal of Health Organization and Management, 2011, 25, 606-624.	1.3	21
29	Ultrasonic imaging technologies in perspective. Journal of Medical Engineering and Technology, 2011, 35, 289-299.	1.4	15
30	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
31	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
32	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
33	Introduction to special issue on healthcare modeling and simulation. ACM Transactions on Modeling and Computer Simulation, 2011, 21, 1-2.	0.8	0
34	RIGHT: A toolkit for selecting healthcare modelling methods. Journal of Simulation, 2010, 4, 2-13.	1.5	10
35	Simulation in manufacturing and business: A review. European Journal of Operational Research, 2010, 203, 1-13.	5.7	466
36	Early-Stage Valuation of Medical Devices: The Role of Developmental Uncertainty. Value in Health, 2010, 13, 585-591.	0.3	44

#	ARTICLE	IF	CITATIONS
37	Economics of modeling and simulation: Reflections and implications for healthcare. , 2010, , .		3
38	Three critical challenges for modeling and simulation in healthcare. , 2009, , .		21
39	Some challenges facing Lean Thinking in healthcare. International Journal for Quality in Health Care, 2009, 21, 309-310.	1.8	52
40	An exploratory survey of current practice in the medical device industry. Journal of Manufacturing Technology Management, 2009, 20, 218-234.	6.4	29
41	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
42	Application of the Experience Curve to price trends in medical devices: Implications for product development and marketing strategies. Journal of Medical Marketing, 2008, 8, 241-255.	0.2	9
43	Value Propositions for Information Systems in Healthcare. , 2008, , .		2
44	Transferability of economic evaluations of medical technologies: a new technology for orthopedic surgery. Expert Review of Medical Devices, 2008, 5, 329-336.	2.8	9
45	Discovery of Value Streams for Lean Healthcare. , 2008, , .		1
46	A survey of success factors in New Product Development in the medical devices industry. , 2008, , .		12
47	Evaluating "Connecting for Health" Policy implications of a UK mega-programme. International Federation for Information Processing, 2008, , 357-362.	0.4	1
48	Time to rethink health care and ICT?. Communications of the ACM, 2007, 50, 69-74.	4.5	92
49	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
50	Towards a framework for healthcare simulation. , 2007, , .		13
51	Simulation modelling in healthcare: reviewing legacies and investigating futures. Journal of the Operational Research Society, 2007, 58, 262-270.	3.4	132
52	Investing in new medical technologies: A decision framework. Journal of Commercial Biotechnology, 2007, 13, 263-271.	0.4	66
53	Evaluating healthcare information systems through an "enterprise" perspective. Information and Management, 2007, 44, 433-440.	6.5	58
54	An Agenda for Healthcare and Information Simulation. Health Care Management Science, 2005, 8, 189-196.	2.6	35

#	ARTICLE	IF	CITATIONS
55	Using industrial processes to improve patient care. BMJ: British Medical Journal, 2004, 328, 162-164.	2.3	205
56	Finite element modeling of a polarization independent optical amplifier. Journal of Lightwave Technology, 1992, 10, 626-633.	4.6	4
57	Design of an InGaAlAs/InP $\lambda/4$ wavelength division demultiplexer employing a novel mode transformer. Electronics Letters, 1990, 26, 336.	1.0	6
58	A highly dispersive wavelength division demultiplexer in InGaAlAs-InP for 1.5 $\mu$ m operation. IEEE Photonics Technology Letters, 1990, 2, 734-737.	2.5	5
59	Hybrid finite element/boundary element method for analysis of discontinuities in planar dielectric waveguides. Electronics Letters, 1990, 26, 47-48.	1.0	9
60	Wavelength demultiplexer integrated on AlGaInAs/InP for 1.5 $\mu$ m operation. Electronics Letters, 1989, 25, 1488.	1.0	14