

Stewart Robinson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5274964/publications.pdf>

Version: 2024-02-01

99
papers

3,268
citations

270111

25
h-index

206121

51
g-index

110
all docs

110
docs citations

110
times ranked

2568
citing authors

#	ARTICLE	IF	CITATIONS
1	Aiding the development of the conceptual model for hybrid simulation: Representing the modelling frame. <i>Journal of the Operational Research Society</i> , 2022, 73, 2775-2793.	2.1	2
2	Cost and health impacts of adherence to the National Institute for Health and Care Excellence schizophrenia guideline recommendations. <i>British Journal of Psychiatry</i> , 2021, 218, 224-229.	1.7	11
3	Overview and Use of Tools for Selecting Modelling Techniques in Health Economic Studies. <i>Pharmacoeconomics</i> , 2021, 39, 757-770.	1.7	3
4	Conceptual modelling for simulation: Progress and grand challenges. <i>Journal of Simulation</i> , 2020, 14, 1-20.	1.0	28
5	Creating a typology of analytics Master's degrees in UK universities: Implications for employers and educators. <i>Journal of the Operational Research Society</i> , 2020, 71, 1327-1346.	2.1	2
6	Can we learn from simplified simulation models? An experimental study on user learning. <i>Journal of Simulation</i> , 2020, 14, 130-144.	1.0	11
7	Systematic review of the methods of health economic models assessing antipsychotic medication for schizophrenia. <i>PLoS ONE</i> , 2020, 15, e0234996.	1.1	5
8	Evaluation of the Cost-effectiveness of Services for Schizophrenia in the UK Across the Entire Care Pathway in a Single Whole-Disease Model. <i>JAMA Network Open</i> , 2020, 3, e205888.	2.8	17
9	Healthcare workers' perspectives on participatory system dynamics modelling and simulation: designing safe and efficient hospital pharmacy dispensing systems together. <i>Ergonomics</i> , 2020, 63, 1044-1056.	1.1	7
10	A Systematic Review of Economic Models Across the Entire Schizophrenia Pathway. <i>Pharmacoeconomics</i> , 2020, 38, 537-555.	1.7	6
11	Evaluating Community-Based Integrated Health and Social Care Services: The Simtegr8 Approach. , 2019, , .		4
12	Strengthening the reporting of empirical simulation studies: Introducing the STRESS guidelines. <i>Journal of Simulation</i> , 2019, 13, 55-67.	1.0	112
13	The application of system dynamics modelling to system safety improvement: Present use and future potential. <i>Safety Science</i> , 2018, 106, 104-120.	2.6	40
14	METHODOLOGY FOR THE MANAGEMENT OF DISCRETE EVENT SIMULATION PROJECTS BASED ON PMBOK®: ACTION RESEARCH IN A HIGH-TECH COMPANY. , 2018, , .		3
15	APPLYING THE STRESS GUIDELINES FOR REPRODUCIBILITY IN MODELING & SIMULATION: APPLICATION TO A DISEASE MODELING CASE STUDY. , 2018, , .		3
16	PANEL: EDUCATION ON SIMULATION MODEL SIMPLIFICATION " BEYOND RULES OF THUMB. , 2018, , .		2
17	A System Dynamics Approach to Workload Management of Hospital Pharmacy Staff: Modeling the Tradeoff between Dispensing Backlog and Dispensing Errors. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2018, 6, 209-224.	0.5	4
18	Using LIWC to choose simulation approaches: A feasibility study. <i>Decision Support Systems</i> , 2018, 111, 1-12.	3.5	25

#	ARTICLE	IF	CITATIONS
19	Addressing the sample size problem in behavioural operational research: simulating the newsvendor problem. <i>Journal of the Operational Research Society</i> , 2017, 68, 253-268.	2.1	3
20	Key performance indicators for successful simulation projects. <i>Journal of the Operational Research Society</i> , 2017, 68, 747-765.	2.1	30
21	A tutorial on simulation conceptual modeling. , 2017, , .		9
22	An experimental investigation into the role of simulation models in generating insights. <i>European Journal of Operational Research</i> , 2016, 249, 931-944.	3.5	13
23	Can involving clients in simulation studies help them solve their future problems? A transfer of learning experiment. <i>European Journal of Operational Research</i> , 2016, 249, 919-930.	3.5	33
24	Conceptual modeling: Definition, purpose and benefits. , 2015, , .		44
25	A tutorial on conceptual modeling for simulation. , 2015, , .		17
26	How do competition and collaboration affect supply chain performance? An agent based modeling approach. , 2015, , .		5
27	Is simulation in health different?. <i>Journal of the Operational Research Society</i> , 2015, 66, 602-614.	2.1	37
28	Modelling without queues: adapting discrete-event simulation for service operations. <i>Journal of Simulation</i> , 2015, 9, 195-205.	1.0	13
29	Operational research from Taylorism to Terabytes: A research agenda for the analytics age. <i>European Journal of Operational Research</i> , 2015, 241, 583-595.	3.5	178
30	Using the structured analysis and design technique (SADT) in simulation conceptual modeling. , 2014, , .		9
31	A preliminary study on the role of simulation models in generating insights. , 2014, , .		3
32	Facilitated modelling with discrete-event simulation: Reality or myth?. <i>European Journal of Operational Research</i> , 2014, 234, 231-240.	3.5	72
33	Learning from discrete-event simulation: Exploring the high involvement hypothesis. <i>European Journal of Operational Research</i> , 2014, 235, 195-205.	3.5	23
34	Modelling and simulation in business and industry: insights into the processes and practices of expert modellers. <i>Journal of the Operational Research Society</i> , 2014, 65, 660-672.	2.1	5
35	Defining Simulation: What, Why and When?. , 2014, , 1-20.		0
36	Data Collection and Analysis. , 2014, , 119-153.		0

#	ARTICLE	IF	CITATIONS
37	Software for Simulation. , 2014, , 48-63.		0
38	Simulation Studies: An Overview. , 2014, , 64-76.		0
39	Model Coding. , 2014, , 154-165.		0
40	Verification, Validation and Confidence. , 2014, , 251-270.		0
41	The Practice of Simulation. , 2014, , 271-282.		1
42	Conceptual modeling for simulation. , 2013, , .		32
43	Panel: Are we effectively preparing our students to be certified analytics professionals?. , 2013, , .		0
44	Tutorial: Choosing what to model — Conceptual modeling for simulation. , 2012, , .		11
45	Reflections on JOS: 5 years on. Journal of Simulation, 2012, 6, 1-1.	1.0	1
46	Response to comments on Robinson and Davies (2010). Journal of the Operational Research Society, 2012, 63, 565-566.	2.1	0
47	Tutorial: Teaching an advanced simulation topic. , 2012, , .		0
48	Conceptual modeling for simulation-based serious gaming. Decision Support Systems, 2012, 54, 33-45.	3.5	35
49	The application of discrete event simulation and system dynamics in the logistics and supply chain context. Decision Support Systems, 2012, 52, 802-815.	3.5	293
50	SimLean: Utilising simulation in the implementation of lean in healthcare. European Journal of Operational Research, 2012, 219, 188-197.	3.5	191
51	Simulation based knowledge elicitation: Effect of visual representation and model parameters. Expert Systems With Applications, 2012, 39, 8479-8489.	4.4	8
52	Implementing MSER-5 in commercial simulation software and its wider implications. , 2011, , .		5
53	Choosing the right model: Conceptual modeling for simulation. , 2011, , .		19
54	AutoSimOA: a framework for automated analysis of simulation output. Journal of Simulation, 2011, 5, 9-24.	1.0	15

#	ARTICLE	IF	CITATIONS
55	Automated selection of the number of replications for a discrete-event simulation. Journal of the Operational Research Society, 2010, 61, 1632-1644.	2.1	31
56	The problem of the initial transient (again), or why MSER works. Journal of Simulation, 2010, 4, 268-272.	1.0	17
57	Automating warm-up length estimation. Journal of the Operational Research Society, 2010, 61, 1389-1403.	2.1	40
58	An investigation of the effect of educational background on performance in simulation studies. Journal of the Operational Research Society, 2010, 61, 1685-1693.	2.1	10
59	Model development in discrete-event simulation and system dynamics: An empirical study of expert modellers. European Journal of Operational Research, 2010, 207, 784-794.	3.5	71
60	Independent Verification and Validation of an Industrial Simulation Model. Simulation, 2010, 86, 405-416.	1.1	21
61	PhD training in simulation: NATCOR. , 2010, , .		1
62	Conceptual Modeling for Simulation. , 2010, , 3-30.		5
63	Comparing model development in Discrete Event Simulation and System Dynamics. , 2009, , .		18
64	The impact of human decision makers' individualities on the wholesale price contract's efficiency: Simulating the newsvendor problem. , 2009, , .		2
65	Model reuse versus model development: Effects on credibility and learning. , 2009, , .		7
66	Simulation software: evolution or revolution?. Journal of Simulation, 2009, 3, 1-2.	1.0	3
67	Conceptual modelling for simulation Part II: a framework for conceptual modelling. Journal of the Operational Research Society, 2008, 59, 291-304.	2.1	133
68	Conceptual modelling: Knowledge acquisition and model abstraction. , 2008, , .		31
69	Conceptual modelling for simulation Part I: definition and requirements. Journal of the Operational Research Society, 2008, 59, 278-290.	2.1	319
70	Automating warm-up length estimation. , 2008, , .		15
71	Software process simulation modelling: A survey of practice. Journal of Simulation, 2008, 2, 91-102.	1.0	19
72	Celebrating 50 years of simulation software. Journal of Simulation, 2008, 2, 127-127.	1.0	2

#	ARTICLE	IF	CITATIONS
73	The Journal of Simulation is one year old!. Journal of Simulation, 2008, 2, 1-2.	1.0	0
74	Comparing the use of Discrete-Event Simulation and System Dynamics models. , 2007, , .		5
75	Automating des output analysis: How many replications to run. , 2007, , .		17
76	PSMs: looking in from the outside. Journal of the Operational Research Society, 2007, 58, 689-691.	2.1	7
77	The future's bright the future's safe Conceptual modelling for simulation!. Journal of Simulation, 2007, 1, 149-152.	1.0	15
78	Organising insights into simulation practice. , 2007, , .		8
79	A statistical process control approach to selecting a warm-up period for a discrete-event simulation. European Journal of Operational Research, 2007, 176, 332-346.	3.5	47
80	The Simulation Project Life-Cycle: Models and Realities. , 2006, , .		11
81	Conceptual Modeling for Simulation: Issues and Research Requirements. , 2006, , .		63
82	Knowledge-based improvement: simulation and artificial intelligence for identifying and improving human decision-making in an operations system. Journal of the Operational Research Society, 2005, 56, 912-921.	2.1	27
83	Distributed Simulation and Simulation Practice. Simulation, 2005, 81, 5-13.	1.1	18
84	Discrete-event simulation: from the pioneers to the present, what next?. Journal of the Operational Research Society, 2005, 56, 619-629.	2.1	154
85	Simulation model reuse: definitions, benefits and obstacles. Simulation Modelling Practice and Theory, 2004, 12, 479-494.	2.2	106
86	Teaching OR/MS to MBAs at Warwick Business School: A Turnaround Story. Interfaces, 2003, 33, 67-76.	1.6	64
87	Linking the Witness Simulation Software to an Expert System to Represent a Decision Making Process. Journal of Computing and Information Technology, 2003, 11, 123.	0.2	8
88	Detecting shifts in the mean of a simulation output process. Journal of the Operational Research Society, 2002, 53, 559-573.	2.1	4
89	Modes of simulation practice: approaches to business and military simulation. Simulation Modelling Practice and Theory, 2002, 10, 513-523.	2.2	48
90	General concepts of quality for discrete-event simulation. European Journal of Operational Research, 2002, 138, 103-117.	3.5	56

#	ARTICLE	IF	CITATIONS
91	Soft with a hard centre: discrete-event simulation in facilitation. Journal of the Operational Research Society, 2001, 52, 905-915.	2.1	81
92	Progress in simulation research: an editorial introduction and overview. Journal of the Operational Research Society, 2000, 51, 383-383.	2.1	0
93	Three sources of simulation inaccuracy (and how to overcome them). , 1999, , .		14
94	Measuring service quality: current thinking and future requirements. Marketing Intelligence and Planning, 1999, 17, 21-32.	2.1	150
95	Measuring Service Quality in the Process of Delivering a Simulation Study: The Customer's Perspective. International Transactions in Operational Research, 1998, 5, 357-374.	1.8	10
96	Provider and customer expectations of successful simulation projects. Journal of the Operational Research Society, 1998, 49, 200-209.	2.1	86
97	Computer simulation for quality and reliability engineering. Quality and Reliability Engineering International, 1995, 11, 371-377.	1.4	4
98	An introduction to visual interactive simulation in business. International Journal of Information Management, 1994, 14, 13-23.	10.5	4
99	The Application of Computer Simulation in Manufacturing. Journal of Manufacturing Technology Management, 1993, 4, 18-23.	0.5	19