

Bhakti SS Onggo

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,077
citations

567281
15
h-index

552781
26
g-index

45
all docs

45
docs citations

45
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Eliciting agents'™ behaviour using scenario-based questionnaire in agent-based dairy supply chain simulation. Journal of Simulation, 2022, 16, 58-72.	1.5	7
2	Small Island Developing States (SIDS) COVID-19 post-pandemic tourism recovery: A system dynamics approach. Current Issues in Tourism, 2022, 25, 1481-1508.	7.2	43
3	A multi-fidelity modelling approach for airline disruption management using simulation. Journal of the Operational Research Society, 2022, 73, 2228-2241.	3.4	4
4	Capturing the Impact of COVID-19 on Construction Projects in Developing Countries: A Case Study of Iraq. Journal of Management in Engineering - ASCE, 2022, 38, .	4.8	36
5	Eliciting agents'™ behaviour and model validation using role playing game in agent-based dairy supply chain model. Journal of the Operational Research Society, 2022, 73, 2670-2693.	3.4	5
6	Comparison of Outcomes of In-Centre Haemodialysis Patients between the 1st and 2nd COVID-19 Outbreak in England, Wales, and Northern Ireland: A UK Renal Registry Analysis. Nephron, 2022, 146, 469-480.	1.8	9
7	Food supply chain management in disaster events: A systematic literature review. International Journal of Disaster Risk Reduction, 2022, 79, 103183.	3.9	17
8	Combining symbiotic simulation systems with enterprise data storage systems for real-time decision-making. Enterprise Information Systems, 2021, 15, 230-247.	4.7	16
9	What Can System Dynamics Do for You?. Impact, 2021, 2021, 20-23.	0.2	0
10	The Role of Simulation and Serious Games in Teaching Concepts on Circular Economy and Sustainable Energy. Energies, 2021, 14, 1138.	3.1	34
11	Simulation, Optimization, and Machine Learning in Sustainable Transportation Systems: Models and Applications. Sustainability, 2021, 13, 1551.	3.2	41
12	Simulation Optimization for a Digital Twin Using a Multi-Fidelity Framework. , 2021, , .		4
13	Agent-Based Modeling and Simulation For Business and Management: A Review and Tutorial. , 2021, , .		1
14	Symbiotic simulation for the operational management of inpatient beds: model development and validation using P ² -method. Health Care Management Science, 2020, 23, 153-169.	2.6	12
15	How simulation modelling can help reduce the impact of COVID-19. Journal of Simulation, 2020, 14, 83-97.	1.5	261
16	Hybrid Modelling and Simulation (M&S): Driving Innovation in the Theory and Practice of M&S. , 2020, , .		15
17	On the Scarcity of Observations when Modelling Random Inputs and the Quality of Solutions to Stochastic Optimisation Problems. , 2020, , .		0
18	Agri-food supply chains with stochastic demands: A multi-period inventory routing problem with perishable products. Simulation Modelling Practice and Theory, 2019, 97, 101970.	3.8	69

#	ARTICLE	IF	CITATIONS
19	Symbiotic Simulation System (S3) for Industry 4.0. Springer Series in Advanced Manufacturing, 2019, , 153-165.	0.5	9
20	Optimising the barrier coverage of a wireless sensor network with hub-and-spoke topology using mathematical and simulation models. Computers and Operations Research, 2019, 106, 36-48.	4.0	19
21	Credible Agent-Based Simulation “An Illusion or Only A Step Away?”. , 2019, , .		7
22	An Inventory-Routing Problem with Stochastic Demand and Stock-Out: A Solution and Risk Analysis Using Simheuristics. , 2019, , .		1
23	Strengthening the reporting of empirical simulation studies: Introducing the STRESS guidelines. Journal of Simulation, 2019, 13, 55-67.	1.5	112
24	A BPMN extension to support discrete-event simulation for healthcare applications: an explicit representation of queues, attributes and data-driven decision points. Journal of the Operational Research Society, 2018, 69, 788-802.	3.4	28
25	Applications of agent-based modelling and simulation in the agri-food supply chains. European Journal of Operational Research, 2018, 269, 794-805.	5.7	94
26	SYMBIOTIC SIMULATION SYSTEM: HYBRID SYSTEMS MODEL MEETS BIG DATA ANALYTICS. , 2018, , .		33
27	AGENT-BASED SIMHEURISTICS: EXTENDING SIMULATION-OPTIMIZATION ALGORITHMS VIA DISTRIBUTED AND PARALLEL COMPUTING. , 2018, , .		2
28	MULTI-FIDELITY SIMULATION OPTIMISATION FOR AIRLINE DISRUPTION MANAGEMENT. , 2018, , .		5
29	APPLYING THE STRESS GUIDELINES FOR REPRODUCIBILITY IN MODELING & SIMULATION: APPLICATION TO A DISEASE MODELING CASE STUDY. , 2018, , .		3
30	Towards fully-facilitated discrete event simulation modelling: Addressing the model coding stage. European Journal of Operational Research, 2017, 263, 583-595.	5.7	28
31	Social Amplification of Risk Framework: An Agent-Based Approach. Advances in Intelligent Systems and Computing, 2017, , 335-339.	0.6	1
32	Hybrid Simulation: Historical lessons, present challenges and futures. , 2016, , .		32
33	Validating an integer non-linear program optimization model of a wireless sensor network using agent-based simulation. , 2016, , .		5
34	Test-driven simulation modelling: A case study using agent-based maritime search-operation simulation. European Journal of Operational Research, 2016, 254, 517-531.	5.7	30
35	Agent-based model of maritime search operations: A validation using test-driven simulation modelling. , 2015, , .		3
36	Using agent-based simulation to analyse the effect of broadcast and narrowcast on public perception: A case in social risk amplification. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
37	Elements of a hybrid simulation model: A case study of the blood supply chain in low- and middle-income countries. , 2014, , .		8
38	Data identification and data collection methods in simulation: a case study at ORH Ltd. Journal of Simulation, 2014, 8, 195-205.	1.5	17
39	Adult Social Care Workforce Analysis in England. International Journal of System Dynamics Applications, 2012, 1, 1-20.	0.3	19
40	Simulation of Career Development in the European Commission. Interfaces, 2010, 40, 184-195.	1.5	3
41	Towards a unified conceptual model representation: a case study in healthcare. Journal of Simulation, 2009, 3, 40-49.	1.5	26
42	Parallel discrete-event simulation of population dynamics. , 2008, , .		6
43	A Dynamic Business Model for Component-Based Simulation Software. , 2006, , .		2
44	A Framework for Formalization and Strictness Analysis of Simulation Event Orderings. Simulation, 2005, 81, 325-335.	1.8	1
45	GAM on! Six ways to explore social complexity by combining games and agent-based models. International Journal of Social Research Methodology: Theory and Practice, 0, , 1-15.	4.4	4