

Chathika Gunaratne

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3596945/chathika-gunaratne-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

45
citations

4
h-index

6
g-index

16
ext. papers

70
ext. citations

2.1
avg, IF

2.76
L-index

#	Paper	IF	Citations
15	Evaluating efficacy of indoor non-pharmaceutical interventions against COVID-19 outbreaks with a coupled spatial-SIR agent-based simulation framework.. <i>Scientific Reports</i> , 2022 , 12, 6202	4.9	1
14	Negative Influence Gradients Lead to Lowered Information Processing Capacity on Social Networks. <i>Springer Proceedings in Complexity</i> , 2021 , 265-275	0.3	
13	Deep Agent: Studying the Dynamics of Information Spread and Evolution in Social Networks. <i>Springer Proceedings in Complexity</i> , 2021 , 153-169	0.3	2
12	NL4Py: Agent-based modeling in Python with parallelizable NetLogo workspaces. <i>SoftwareX</i> , 2021 , 16, 100801	2.7	1
11	Influence Cascades: Entropy-Based Characterization of Behavioral Influence Patterns in Social Media. <i>Entropy</i> , 2021 , 23,	2.8	3
10	Inferring mechanisms of response prioritization on social media under information overload. <i>Scientific Reports</i> , 2021 , 11, 1346	4.9	4
9	Evolutionary model discovery of causal factors behind the socio-agricultural behavior of the Ancestral Pueblo. <i>PLoS ONE</i> , 2020 , 15, e0239922	3.7	6
8	On Countering Disinformation with Caution: Effective Inoculation Strategies and Others that Backfire into Community Hyper-Polarization. <i>Lecture Notes in Computer Science</i> , 2020 , 130-139	0.9	5
7	The effects of information overload on online conversation dynamics. <i>Computational and Mathematical Organization Theory</i> , 2020 , 26, 255-276	2.1	7
6	The Agent-Based Model Canvas: A Modeling Lingua Franca for Computational Social Science 2019 , 521-544		3
5	Initializing Agent-Based Models with Clustering Archetypes. <i>Lecture Notes in Computer Science</i> , 2018 , 233-239	0.9	3
4	Alternate social theory discovery using genetic programming 2017 ,		6
3	Evolutionary Model Discovery of Factors for Farm Selection by the Artificial Anasazi 2017 ,		2
2	Towards a Comprehensive Simulator for Public Speaking Anxiety Treatment. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 195-205	0.4	1
1	Simulating Gait and Structural Effects of Aging for Improved Diversity in Virtual Crowds 2013 ,		1