Chathika Gunaratne

List of Publications by Year
in descending order

15 papers	96 citations	1477746 6 h-index	1473754 9 g-index
16 all docs	16 docs citations	16 times ranked	66 citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary model discovery of causal factors behind the socio-agricultural behavior of the Ancestral Pueblo. PLoS ONE, 2020, 15, e0239922.	1.1	15
2	The effects of information overload on online conversation dynamics. Computational and Mathematical Organization Theory, 2020, 26, 255-276.	1.5	14
3	Alternate social theory discovery using genetic programming. , 2017, , .		8
4	Initializing Agent-Based Models with Clustering Archetypes. Lecture Notes in Computer Science, 2018, , 233-239.	1.0	8
5	Inferring mechanisms of response prioritization on social media under information overload. Scientific Reports, 2021, 11, 1346.	1.6	8
6	Evaluating efficacy of indoor non-pharmaceutical interventions against COVID-19 outbreaks with a coupled spatial-SIR agent-based simulation framework. Scientific Reports, 2022, 12, 6202.	1.6	8
7	On Countering Disinformation with Caution: Effective Inoculation Strategies and Others that Backfire into Community Hyper-Polarization. Lecture Notes in Computer Science, 2020, , 130-139.	1.0	7
8	NL4Py: Agent-based modeling in Python with parallelizable NetLogo workspaces. SoftwareX, 2021, 16, 100801.	1.2	6
9	Influence Cascades: Entropy-Based Characterization of Behavioral Influence Patterns in Social Media. Entropy, 2021, 23, 160.	1.1	6
10	Deep Agent: Studying the Dynamics of Information Spread and Evolution in Social Networks. Springer Proceedings in Complexity, 2021, , 153-169.	0.2	3
11	Towards a Comprehensive Simulator for Public Speaking Anxiety Treatment. Advances in Intelligent Systems and Computing, 2017, , 195-205.	0.5	3
12	Evolutionary Model Discovery of Factors for Farm Selection by the Artificial Anasazi. , 2017, , .		2
13	Simulating Gait and Structural Effects of Aging for Improved Diversity in Virtual Crowds. , 2013, , .		1
14	Role of entrepreneurial support for networking in innovation ecosystems: An agent based approach. , 2015, , .		1
15	Negative Influence Gradients Lead to Lowered Information Processing Capacity on Social Networks. Springer Proceedings in Complexity, 2021, , 265-275.	0.2	0