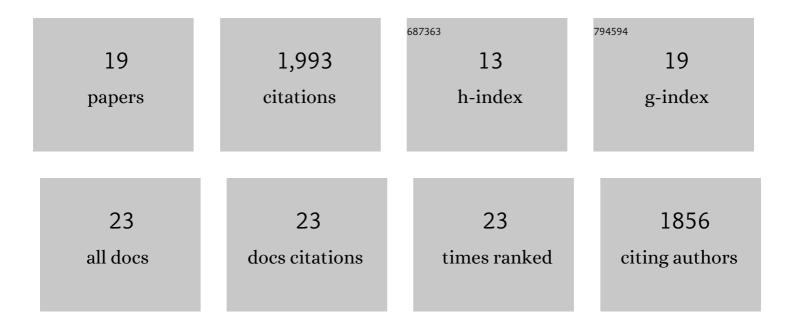
Clara Granell

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8691822/publications.pdf Version: 2024-02-01



CLADA CDANELL

#	Article	IF	CITATIONS
1	Dynamical Interplay between Awareness and Epidemic Spreading in Multiplex Networks. Physical Review Letters, 2013, 111, 128701.	7.8	715
2	The physics of spreading processes in multilayerÂnetworks. Nature Physics, 2016, 12, 901-906.	16.7	430
3	Competing spreading processes on multiplex networks: Awareness and epidemics. Physical Review E, 2014, 90, 012808.	2.1	280
4	Modeling the Spatiotemporal Epidemic Spreading of COVID-19 and the Impact of Mobility and Social Distancing Interventions. Physical Review X, 2020, 10, .	8.9	85
5	Emergence of Assortative Mixing between Clusters of Cultured Neurons. PLoS Computational Biology, 2014, 10, e1003796.	3.2	61
6	Benchmark model to assess community structure in evolving networks. Physical Review E, 2015, 92, 012805.	2.1	60
7	Detection of timescales in evolving complex systems. Scientific Reports, 2016, 6, 39713.	3.3	37
8	Epidemic spreading in localized environments with recurrent mobility patterns. Physical Review E, 2018, 97, 052302.	2.1	36
9	HIERARCHICAL MULTIRESOLUTION METHOD TO OVERCOME THE RESOLUTION LIMIT IN COMPLEX NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250171.	1.7	27
10	Virus spread versus contact tracing: Two competing contagion processes. Physical Review Research, 2021, 3, .	3.6	23
11	Mesoscopic analysis of networks: Applications to exploratory analysis and data clustering. Chaos, 2011, 21, 016102.	2.5	21
12	Pulsating campaigns of human prophylaxis driven by risk perception palliate oscillations of direct contact transmitted diseases. Physical Review Research, 2020, 2, .	3.6	17
13	Spontaneous Functional Recovery after Focal Damage in Neuronal Cultures. ENeuro, 2020, 7, ENEURO.0254-19.2019.	1.9	13
14	Behavioural response to heterogeneous severity of COVID-19 explains temporal variation of cases among different age groups. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210119.	3.4	10
15	Information transfer in community structured multiplex networks. Frontiers in Physics, 2015, 3, .	2.1	7
16	UNSUPERVISED CLUSTERING ANALYSIS: A MULTISCALE COMPLEX NETWORKS APPROACH. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1230023.	1.7	6
17	Structural Patterns in Complex Systems Using Multidendrograms. Entropy, 2013, 15, 5464-5474.	2.2	6
18	Functional strengthening through synaptic scaling upon connectivity disruption in neuronal cultures. Network Neuroscience, 2020, 4, 1160-1180.	2.6	5

#	Article	IF	CITATIONS
19	Epidemic spreading: Tailored models for COVID-19. Europhysics News, 2020, 51, 38-40.	0.3	0