

# Clara Granell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8691822/publications.pdf>

Version: 2024-02-01

19  
papers

1,993  
citations

687363

13  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1856  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Virus spread versus contact tracing: Two competing contagion processes. Physical Review Research, 2021, 3, .	3.6	23
3	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
4	Pulsating campaigns of human prophylaxis driven by risk perception palliate oscillations of direct contact transmitted diseases. Physical Review Research, 2020, 2, .	3.6	17
5	Functional strengthening through synaptic scaling upon connectivity disruption in neuronal cultures. Network Neuroscience, 2020, 4, 1160-1180.	2.6	5
6	Spontaneous Functional Recovery after Focal Damage in Neuronal Cultures. ENeuro, 2020, 7, ENEURO.0254-19.2019.	1.9	13
7	Epidemic spreading: Tailored models for COVID-19. Europhysics News, 2020, 51, 38-40.	0.3	0
8	Epidemic spreading in localized environments with recurrent mobility patterns. Physical Review E, 2018, 97, 052302.	2.1	36
9	Detection of timescales in evolving complex systems. Scientific Reports, 2016, 6, 39713.	3.3	37
10	The physics of spreading processes in multilayer networks. Nature Physics, 2016, 12, 901-906.	16.7	430
11	Benchmark model to assess community structure in evolving networks. Physical Review E, 2015, 92, 012805.	2.1	60
12	Information transfer in community structured multiplex networks. Frontiers in Physics, 2015, 3, .	2.1	7
13	Emergence of Assortative Mixing between Clusters of Cultured Neurons. PLoS Computational Biology, 2014, 10, e1003796.	3.2	61
14	Competing spreading processes on multiplex networks: Awareness and epidemics. Physical Review E, 2014, 90, 012808.	2.1	280
15	Structural Patterns in Complex Systems Using Multidendrograms. Entropy, 2013, 15, 5464-5474.	2.2	6
16	Dynamical Interplay between Awareness and Epidemic Spreading in Multiplex Networks. Physical Review Letters, 2013, 111, 128701.	7.8	715
17	HIERARCHICAL MULTIREOLUTION 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
18	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

#	ARTICLE	IF	CITATIONS
19	Mesoscopic analysis of networks: Applications to exploratory analysis and data clustering. Chaos, 2011, 21, 016102.	2.5	21