

Charo I Del Genio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2374424/publications.pdf>

Version: 2024-02-01

24
papers

3,312
citations

623734

14
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure and dynamics of multilayer networks. <i>Physics Reports</i> , 2014, 544, 1-122.	25.6	2,469
2	All Scale-Free Networks Are Sparse. <i>Physical Review Letters</i> , 2011, 107, 178701.	7.8	116
3	Efficient and Exact Sampling of Simple Graphs with Given Arbitrary Degree Sequence. <i>PLoS ONE</i> , 2010, 5, e10012.	2.5	115
4	Synchronization in networks with multiple interaction layers. <i>Science Advances</i> , 2016, 2, e1601679.	10.3	93
5	Constructing and sampling directed graphs with given degree sequences. <i>New Journal of Physics</i> , 2012, 14, 023012.	2.9	52
6	Degree Correlations in Directed Scale-Free Networks. <i>PLoS ONE</i> , 2014, 9, e110121.	2.5	50
7	Exact sampling of graphs with prescribed degree correlations. <i>New Journal of Physics</i> , 2015, 17, 083052.	2.9	31
8	Evolutionary Conserved Cysteines Function as cis-Acting Regulators of Arabidopsis PIN-FORMED 2 Distribution. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2274.	4.1	28
9	A transposon surveillance mechanism that safeguards plant male fertility during stress. <i>Nature Plants</i> , 2021, 7, 34-41.	9.3	25
10	Tomographic docking suggests the mechanism of auxin receptor TIR1 selectivity. <i>Open Biology</i> , 2016, 6, 160139.	3.6	24
11	Fast and accurate determination of modularity and its effect size. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P02003.	2.3	22
12	Finding network communities using modularity density. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016, 2016, 123402.	2.3	21
13	Analysis of the communities of an urban mobile phone network. <i>PLoS ONE</i> , 2017, 12, e0174198.	2.5	19
14	Synchronization in dynamical networks with unconstrained structure switching. <i>Physical Review E</i> , 2015, 92, 062819.	2.1	16
15	Data Mining a Medieval Medical Text Reveals Patterns in Ingredient Choice That Reflect Biological Activity against Infectious Agents. <i>MBio</i> , 2020, 11, .	4.1	15
16	Endemic infections are always possible on regular networks. <i>Physical Review E</i> , 2013, 88, 040801.	2.1	14
17	The Tetrazole Analogue of the Auxin Indole-3-acetic Acid Binds Preferentially to TIR1 and Not AFB5. <i>ACS Chemical Biology</i> , 2018, 13, 2585-2594.	3.4	13
18	Structure-based modeling and dynamics of MurM, a <i>Streptococcus pneumoniae</i> penicillin resistance determinant present at the cytoplasmic membrane. <i>Structure</i> , 2021, 29, 731-742.e6.	3.3	7

