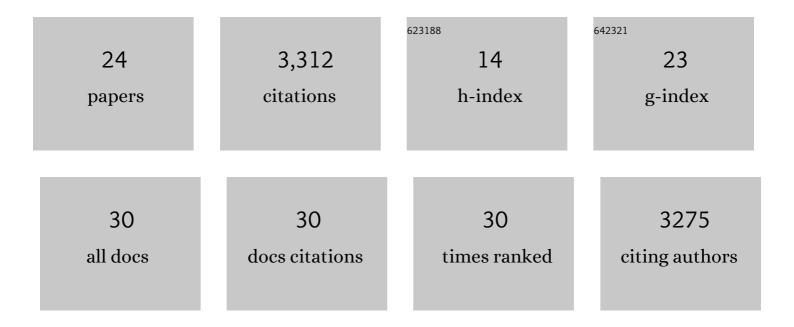
Charo I Del Genio

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2374424/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The structure and dynamics of multilayer networks. Physics Reports, 2014, 544, 1-122.	10.3	2,469
2	All Scale-Free Networks Are Sparse. Physical Review Letters, 2011, 107, 178701.	2.9	116
3	Efficient and Exact Sampling of Simple Graphs with Given Arbitrary Degree Sequence. PLoS ONE, 2010, 5, e10012.	1.1	115
4	Synchronization in networks with multiple interaction layers. Science Advances, 2016, 2, e1601679.	4.7	93
5	Constructing and sampling directed graphs with given degree sequences. New Journal of Physics, 2012, 14, 023012.	1.2	52
6	Degree Correlations in Directed Scale-Free Networks. PLoS ONE, 2014, 9, e110121.	1.1	50
7	Exact sampling of graphs with prescribed degree correlations. New Journal of Physics, 2015, 17, 083052.	1.2	31
8	Evolutionary Conserved Cysteines Function as cis-Acting Regulators of Arabidopsis PIN-FORMED 2 Distribution. International Journal of Molecular Sciences, 2017, 18, 2274.	1.8	28
9	A transposon surveillance mechanism that safeguards plant male fertility during stress. Nature Plants, 2021, 7, 34-41.	4.7	25
10	Tomographic docking suggests the mechanism of auxin receptor TIR1 selectivity. Open Biology, 2016, 6, 160139.	1.5	24
11	Fast and accurate determination of modularity and its effect size. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P02003.	0.9	22
12	Finding network communities using modularity density. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 123402.	0.9	21
13	Analysis of the communities of an urban mobile phone network. PLoS ONE, 2017, 12, e0174198.	1.1	19
14	Synchronization in dynamical networks with unconstrained structure switching. Physical Review E, 2015, 92, 062819.	0.8	16
15	Data Mining a Medieval Medical Text Reveals Patterns in Ingredient Choice That Reflect Biological Activity against Infectious Agents. MBio, 2020, 11, .	1.8	15
16	Endemic infections are always possible on regular networks. Physical Review E, 2013, 88, 040801.	0.8	14
17	The Tetrazole Analogue of the Auxin Indole-3-acetic Acid Binds Preferentially to TIR1 and Not AFB5. ACS Chemical Biology, 2018, 13, 2585-2594.	1.6	13
18	Structure-based modeling and dynamics of MurM, a Streptococcus pneumoniae penicillin resistance determinant present at the cytoplasmic membrane. Structure, 2021, 29, 731-742.e6.	1.6	7

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#	Article	IF	CITATIONS
19	Emergent bipartiteness in a society of knights and knaves. New Journal of Physics, 2011, 13, 103038.	1.2	5
20	Depth-dependent ordering, two-length-scale phenomena, and crossover behavior in a crystal featuring a skin layer with defects. Physical Review B, 2010, 81, .	1.1	4
21	Mean-field nature of synchronization stability in networks with multiple interaction layers. Communications Physics, 2022, 5, .	2.0	3
22	Depth-dependent critical behavior in <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:msub><mml:mtext>V</mml:mtext><mml:mn>2</mml:mn></mml:msub><r Physical Review B, 2009, 79, .</r </mml:mrow></mml:math>	mm i:m text	z>H 2 /mml:mte
23	Phase diagram for a two-dimensional, two-temperature, diffusiveXYmodel. Physical Review E, 2010, 82, 040102.	0.8	2

Anomalous ordering in inhomogeneously strained materials. Physical Review E, 2010, 82, 031115. 0.8 0