

Jinshan Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

648
citations

14
h-index

24
g-index

43
ext. papers

782
ext. citations

3.4
avg, IF

4.08
L-index

#	Paper	IF	Citations
42	The science of science: From the perspective of complex systems. <i>Physics Reports</i> , 2017 , 714-715, 1-73	27.7	147
41	Weighted networks of scientific communication: the measurement and topological role of weight. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 350, 643-656	3.3	66
40	Evolving model of weighted networks inspired by scientific collaboration networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 375, 355-364	3.3	49
39	NETWORK OF ECONOPHYSICISTS: A WEIGHTED NETWORK TO INVESTIGATE THE DEVELOPMENT OF ECONOPHYSICS. <i>International Journal of Modern Physics B</i> , 2004 , 18, 2505-2511	1.1	38
38	Accuracy and precision of methods for community identification in weighted networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 377, 363-372	3.3	37
37	The spread of infectious disease on complex networks with household-structure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 341, 273-280	3.3	26
36	The effect of weight on community structure of networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 378, 583-590	3.3	25
35	Infrastructure of Scientometrics: The Big and Network Picture. <i>Journal of Data and Information Science</i> , 2019 , 4, 1-12	1.2	19
34	Heat transport in quantum spin chains: Relevance of integrability. <i>Physical Review B</i> , 2011 , 83,	3.3	18
33	The analysis and dissimilarity comparison of community structure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 367, 577-585	3.3	18
32	Interrelations among scientific fields and their relative influences revealed by an input-output analysis. <i>Journal of Informetrics</i> , 2016 , 10, 82-97	3.1	17
31	Do scientists trace hot topics?. <i>Scientific Reports</i> , 2013 , 3, 2207	4.9	17
30	Vulnerability analysis of an urban gas pipeline network considering pipeline-road dependency. <i>International Journal of Critical Infrastructure Protection</i> , 2018 , 23, 79-89	4.1	16
29	The correlation between editorial delay and the ratio of highly cited papers in Nature, Science and Physical Review Letters. <i>Scientometrics</i> , 2016 , 107, 1457-1464	3	14
28	A Comprehensive Risk Analysis of Transportation Networks Affected by Rainfall-Induced Multihazards. <i>Risk Analysis</i> , 2018 , 38, 1618-1633	3.9	13
27	Emergence of global preferential attachment from local interaction. <i>New Journal of Physics</i> , 2010 , 12, 043029	2.9	13
26	Small-world effect induced by weight randomization on regular networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 364, 488-493	2.3	11

25	Modelling weighted networks using connection count. <i>New Journal of Physics</i> , 2006 , 8, 72-72	2.9	11
24	Efficient learning strategy of Chinese characters based on network approach. <i>PLoS ONE</i> , 2013 , 8, e69745	3.7	9
23	From sparse to dense and from assortative to disassortative in online social networks. <i>Scientific Reports</i> , 2014 , 4, 4861	4.9	8
22	Kubo formula for open finite-size systems. <i>Europhysics Letters</i> , 2010 , 92, 30003	1.6	8
21	Non-equilibrium stationary states from the equation of motion of open systems. <i>New Journal of Physics</i> , 2010 , 12, 083042	2.9	8
20	Enhancing synchronizability by weight randomization on regular networks. <i>European Physical Journal B</i> , 2007 , 57, 423-428	1.2	7
19	Stability of mixed-strategy-based iterative logit quantal response dynamics in game theory. <i>PLoS ONE</i> , 2014 , 9, e105391	3.7	6
18	Node2vec Representation for Clustering Journals and as A Possible Measure of Diversity. <i>Journal of Data and Information Science</i> , 2019 , 4, 79-92	1.2	6
17	Serial Interval and Generation Interval for Imported and Local Infectors, Respectively, Estimated Using Reported Contact-Tracing Data of COVID-19 in China. <i>Frontiers in Public Health</i> , 2020 , 8, 577431	6	6
16	Money creation process in a random redistribution model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 394, 217-225	3.3	5
15	Enhance the efficiency of heuristic algorithms for maximizing the modularity Q. <i>Europhysics Letters</i> , 2009 , 85, 18009	1.6	5
14	Rényi information flow in the Ising model with single-spin dynamics. <i>Physical Review E</i> , 2014 , 90, 063308	2.4	4
13	Division of labor as the result of phase transition. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003 , 323, 663-676	3.3	4
12	Serial interval and generation interval for respectively the imported and local infectors estimated using reported contact-tracing data of COVID-19 in China		4
11	PHASE TRANSITIONS IN ISING MODEL INDUCED BY WEIGHT REDISTRIBUTION ON WEIGHTED REGULAR NETWORKS. <i>International Journal of Modern Physics B</i> , 2013 , 27, 1350146	1.1	3
10	Allometric scaling in scientific fields. <i>Scientometrics</i> , 2017 , 112, 583-594	3	2
9	Do mathematicians, economists and biomedical scientists trace large topics more strongly than physicists?. <i>Journal of Informetrics</i> , 2017 , 11, 598-607	3.1	2
8	Is there an intrinsic logical error in null hypothesis significance tests? Commentary on: Null hypothesis significance tests. A mix-up of two different theories: the basis for widespread confusion and numerous misinterpretations. <i>Scientometrics</i> , 2018 , 115, 621-625	3	2

7	Lognormal distribution of citation counts is the reason for the relation between Impact Factors and Citation Success Index. <i>Journal of Informetrics</i> , 2018 , 12, 153-157	3.1	2
6	Large enough sample size to rank two groups of data reliably according to their means. <i>Scientometrics</i> , 2019 , 118, 653-671	3	1
5	Are Contributions from Chinese Physicists Undercited?. <i>Journal of Data and Information Science</i> , 2019 , 4, 84-95	1.2	1
4	Games on graphs: A minor modification of payoff scheme makes a big difference. <i>Europhysics Letters</i> , 2014 , 107, 10002	1.6	
3	Econophysicists Collaboration Networks: Empirical Studies and Evolutionary Model 2007 , 173-182		
2	Minimum Representative Size in Comparing Research Performance of Universities: the Case of Medicine Faculties in Romania. <i>Journal of Data and Information Science</i> , 2018 , 3, 32-42	1.2	
1	Logical gaps in the approximate solutions of the social learning game and an exact solution. <i>PLoS ONE</i> , 2014 , 9, e115706	3.7	