

# Jinshan Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6946/publications.pdf>

Version: 2024-02-01

41  
papers

892  
citations

516215

16  
h-index

476904

29  
g-index

43  
all docs

43  
docs citations

43  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	The science of science: From the perspective of complex systems. <i>Physics Reports</i> , 2017, 714-715, 1-73.	10.3	234
2	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.	1.2	78
3	Evolving model of weighted networks inspired by scientific collaboration networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 375, 355-364.	1.2	58
4	Accuracy and precision of methods for community identification in weighted networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 377, 363-372.	1.2	45
5	NETWORK OF ECONOPHYSICISTS: A WEIGHTED NETWORK TO INVESTIGATE THE DEVELOPMENT OF ECONOPHYSICS. <i>International Journal of Modern Physics B</i> , 2004, 18, 2505-2511.	1.0	38
6	The effect of weight on community structure of networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 378, 583-590.	1.2	37
7	The spread of infectious disease on complex networks with household-structure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 341, 273-280.	1.2	35
8	Vulnerability analysis of an urban gas pipeline network considering pipeline-road dependency. <i>International Journal of Critical Infrastructure Protection</i> , 2018, 23, 79-89.	2.9	31
9	Do scientists trace hot topics?. <i>Scientific Reports</i> , 2013, 3, 2207.	1.6	29
10	The analysis and dissimilarity comparison of community structure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 367, 577-585.	1.2	23
11	The correlation between editorial delay and the ratio of highly cited papers in <i>Nature</i> , <i>Science</i> and <i>Physical Review Letters</i> . <i>Scientometrics</i> , 2016, 107, 1457-1464.	1.6	22
12	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.	1.3	21
13	A Comprehensive Risk Analysis of Transportation Networks Affected by Rainfall-Induced Multihazards. <i>Risk Analysis</i> , 2018, 38, 1618-1633.	1.5	20
14	Heat transport in quantum spin chains: Relevance of integrability. <i>Physical Review B</i> , 2011, 83, .	1.1	19
15	Infrastructure of Scientometrics: The Big and Network Picture. <i>Journal of Data and Information Science</i> , 2019, 4, 1-12.	0.5	19
16	Interrelations among scientific fields and their relative influences revealed by an input-output analysis. <i>Journal of Informetrics</i> , 2016, 10, 82-97.	1.4	18
17	Node2vec Representation for Clustering Journals and as A Possible Measure of Diversity. <i>Journal of Data and Information Science</i> , 2019, 4, 79-92.	0.5	16
18	Emergence of global preferential attachment from local interaction. <i>New Journal of Physics</i> , 2010, 12, 043029.	1.2	15

#	ARTICLE	IF	CITATIONS
19	From sparse to dense and from assortative to disassortative in online social networks. Scientific Reports, 2014, 4, 4861.	1.6	15
20	Small-world effect induced by weight randomization on regular networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 488-493.	0.9	13
21	Modelling weighted networks using connection count. New Journal of Physics, 2006, 8, 72-72.	1.2	12
22	Efficient Learning Strategy of Chinese Characters Based on Network Approach. PLoS ONE, 2013, 8, e69745.	1.1	10
23	Non-equilibrium stationary states from the equation of motion of open systems. New Journal of Physics, 2010, 12, 083042.	1.2	9
24	Kubo formula for open finite-size systems. Europhysics Letters, 2010, 92, 30003.	0.7	8
25	Enhancing synchronizability by weight randomization on regular networks. European Physical Journal B, 2007, 57, 423-428.	0.6	7
26	Stability of Mixed-Strategy-Based Iterative Logit Quantal Response Dynamics in Game Theory. PLoS ONE, 2014, 9, e105391.	1.1	7
27	Lognormal distribution of citation counts is the reason for the relation between Impact Factors and Citation Success Index. Journal of Informetrics, 2018, 12, 153-157.	1.4	7
28	Enhance the efficiency of heuristic algorithms for maximizing the modularity Q. Europhysics Letters, 2009, 85, 18009.	0.7	6
29	Allometric scaling in scientific fields. Scientometrics, 2017, 112, 583-594.	1.6	6
30	Division of labor as the result of phase transition. Physica A: Statistical Mechanics and Its Applications, 2003, 323, 663-676.	1.2	5
31	Rényi information flow in the Ising model with single-spin dynamics. Physical Review E, 2014, 90, 063308.	0.8	5
32	Money creation process in a random redistribution model. Physica A: Statistical Mechanics and Its Applications, 2014, 394, 217-225.	1.2	5
33	Do mathematicians, economists and biomedical scientists trace large topics more strongly than physicists?. Journal of Informetrics, 2017, 11, 598-607.	1.4	5
34	PHASE TRANSITIONS IN ISING MODEL INDUCED BY WEIGHT REDISTRIBUTION ON WEIGHTED REGULAR NETWORKS. International Journal of Modern Physics B, 2013, 27, 1350146.	1.0	3
35	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". Scientometrics, 2018, 115, 621-625.	1.6	3
36	Large enough sample size to rank two groups of data reliably according to their means. Scientometrics, 2019, 118, 653-671.	1.6	2

#	ARTICLE	IF	CITATIONS
37	Are Contributions from Chinese Physicists Undercited?. Journal of Data and Information Science, 2019, 4, 84-95.	0.5	1
38	Games on graphs: A minor modification of payoff scheme makes a big difference. Europhysics Letters, 2014, 107, 10002.	0.7	0
39	Logical Gaps in the Approximate Solutions of the Social Learning Game and an Exact Solution. PLoS ONE, 2014, 9, e115706.	1.1	0
40	Minimum Representative Size in Comparing Research Performance of Universities: the Case of Medicine Faculties in Romania. Journal of Data and Information Science, 2018, 3, 32-42.	0.5	0
41	Econophysicists Collaboration Networks: Empirical Studies and Evolutionary Model. , 2007, , 173-182.		0