

# Zheng Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7368279/publications.pdf>

Version: 2024-02-01

30  
papers

283  
citations

840585

11  
h-index

996849

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	A geometric graph model for coauthorship networks. <i>Journal of Informetrics</i> , 2016, 10, 299-311.	1.4	28
2	Predicting link directions using local directed path. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 419, 260-267.	1.2	20
3	Modeling the Citation Network by Network Cosmology. <i>PLoS ONE</i> , 2015, 10, e0120687.	1.1	20
4	Potential links by neighbor communities. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 406, 244-252.	1.2	19
5	Modelling transition phenomena of scientific coauthorship networks. <i>Journal of the Association for Information Science and Technology</i> , 2018, 69, 305-317.	1.5	17
6	A geometric graph model for citation networks of exponentially growing scientific papers. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 456, 167-175.	1.2	16
7	Modelling the dropout patterns of MOOC learners. <i>Tsinghua Science and Technology</i> , 2020, 25, 313-324.	4.1	16
8	Further results on the expected hitting time, the cover cost and the related invariants of graphs. <i>Discrete Mathematics</i> , 2019, 342, 78-95.	0.4	15
9	Feature analysis of multidisciplinary scientific collaboration patterns based on PNAS. <i>EPJ Data Science</i> , 2018, 7, .	1.5	14
10	Predicting the number of coauthors for researchers: A learning model. <i>Journal of Informetrics</i> , 2020, 14, 101036.	1.4	14
11	Modeling the coevolution between citations and coauthorship of scientific papers. <i>Scientometrics</i> , 2017, 112, 483-507.	1.6	13
12	Degree-corrected stochastic block models and reliability in networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 393, 553-559.	1.2	11
13	Scale-invariant geometric random graphs. <i>Physical Review E</i> , 2016, 93, 032310.	0.8	9
14	Bridging MOOC Education and Information Sciences: Empirical Studies. <i>IEEE Access</i> , 2019, 7, 74206-74216.	2.6	9
15	Predicting publication productivity for researchers: A piecewise Poisson model. <i>Journal of Informetrics</i> , 2020, 14, 101065.	1.4	9
16	A cooperative game model for the multimodality of coauthorship networks. <i>Scientometrics</i> , 2019, 121, 503-519.	1.6	8
17	Quantitative Analysis of the Interdisciplinarity of Applied Mathematics. <i>PLoS ONE</i> , 2015, 10, e0137424.	1.1	7
18	Link Prediction via Convex Nonnegative Matrix Factorization on Multiscale Blocks. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-9.	0.4	6

#	ARTICLE	IF	CITATIONS
19	A random geometric graph built on a time-varying Riemannian manifold. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 436, 492-498.	1.2	6
20	Exploring Cooperative Game Mechanisms of Scientific Coauthorship Networks. <i>Complexity</i> , 2018, 2018, 1-11.	0.9	4
21	Assessing and predicting the quality of research master's theses: an application of scientometrics. <i>Scientometrics</i> , 2020, 124, 953-972.	1.6	4
22	A distributed hypergraph model for simulating the evolution of large coauthorship networks. <i>Scientometrics</i> , 2021, 126, 4609-4638.	1.6	4
23	A multi-view method of scientific paper classification via heterogeneous graph embeddings. <i>Scientometrics</i> , 2022, 127, 4847-4872.	1.6	4
24	Assessing the Attractions of MOOCs From the Perspective of Scientometrics. <i>IEEE Access</i> , 2019, 7, 136409-136418.	2.6	3
25	A Prediction Method of Publication Productivity for Researchers. <i>IEEE Transactions on Computational Social Systems</i> , 2021, 8, 423-433.	3.2	3
26	Exploring the influence of social activity on scientific career. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 500, 189-198.	1.2	2
27	A Bayesian model on the merging errors of coauthorship data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 527, 121140.	1.2	1
28	Predicting publication productivity for authors: Shallow or deep architecture?. <i>Scientometrics</i> , 0, , .	1.6	1
29	Exploring the Significant Predictors to the Quality of Master's Dissertations. <i>IEEE Access</i> , 2020, 8, 21152-21158.	2.6	0
30	Graphs that minimizing max-min rodeg index. <i>Journal of Applied Mathematics and Computing</i> , 2021, 67, 495-505.	1.2	0