Zheng Xie

List of Publications by Year
in descending order

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 multi-view method of scientific paper classification via heterogeneous graph embeddings. Scientometrics, 2022, 127, 4847-4872.	1.6	4
2	Graphs that minimizing max–min rodeg index. Journal of Applied Mathematics and Computing, 2021, 67, 495-505.	1.2	0
3	A distributed hypergraph model for simulating the evolution of large coauthorship networks. Scientometrics, 2021, 126, 4609-4638.	1.6	4
4	A Prediction Method of Publication Productivity for Researchers. IEEE Transactions on Computational Social Systems, 2021, 8, 423-433.	3.2	3
5	Modelling the dropout patterns of MOOC learners. Tsinghua Science and Technology, 2020, 25, 313-324.	4.1	16
6	Assessing and predicting the quality of research master's theses: an application of scientometrics. Scientometrics, 2020, 124, 953-972.	1.6	4
7	Predicting publication productivity for researchers: A piecewise Poisson model. Journal of Informetrics, 2020, 14, 101065.	1.4	9
8	Exploring the Significant Predictors to the Quality of Master's Dissertations. IEEE Access, 2020, 8, 21152-21158.	2.6	0
9	Predicting the number of coauthors for researchers: A learning model. Journal of Informetrics, 2020, 14, 101036.	1.4	14
10	A cooperative game model for the multimodality of coauthorship networks. Scientometrics, 2019, 121, 503-519.	1.6	8
11	Bridging MOOC Education and Information Sciences: Empirical Studies. IEEE Access, 2019, 7, 74206-74216.	2.6	9
12	Assessing the Attractions of MOOCs From the Perspective of Scientometrics. IEEE Access, 2019, 7, 136409-136418.	2.6	3
13	A Bayesian model on the merging errors of coauthorship data. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121140.	1.2	1
14	Further results on the expected hitting time, the cover cost and the related invariants of graphs. Discrete Mathematics, 2019, 342, 78-95.	0.4	15
15	Feature analysis of multidisciplinary scientific collaboration patterns based on PNAS. EPJ Data Science, 2018, 7, .	1.5	14
16	Exploring the influence of social activity on scientific career. Physica A: Statistical Mechanics and Its Applications, 2018, 500, 189-198.	1.2	2
17	Modelling transition phenomena of scientific coauthorship networks. Journal of the Association for Information Science and Technology, 2018, 69, 305-317.	1.5	17
18	Exploring Cooperative Game Mechanisms of Scientific Coauthorship Networks. Complexity, 2018, 2018, 1-11.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Modeling the coevolution between citations and coauthorship of scientific papers. Scientometrics, 2017, 112, 483-507.	1.6	13
20	A geometric graph model for citation networks of exponentially growing scientific papers. Physica A: Statistical Mechanics and Its Applications, 2016, 456, 167-175.	1.2	16
21	Scale-invariant geometric random graphs. Physical Review E, 2016, 93, 032310.	0.8	9
22	A geometric graph model for coauthorship networks. Journal of Informetrics, 2016, 10, 299-311.	1.4	28
23	Quantitative Analysis of the Interdisciplinarity of Applied Mathematics. PLoS ONE, 2015, 10, e0137424.	1.1	7
24	A random geometric graph built on a time-varying Riemannian manifold. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 492-498.	1.2	6
25	Predicting link directions using local directed path. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 260-267.	1.2	20
26	Modeling the Citation Network by Network Cosmology. PLoS ONE, 2015, 10, e0120687.	1.1	20
27	Link Prediction via Convex Nonnegative Matrix Factorization on Multiscale Blocks. Journal of Applied Mathematics, 2014, 2014, 1-9.	0.4	6
28	Potential links by neighbor communities. Physica A: Statistical Mechanics and Its Applications, 2014, 406, 244-252.	1.2	19
29	Degree-corrected stochastic block models and reliability in networks. Physica A: Statistical Mechanics and Its Applications, 2014, 393, 553-559.	1.2	11
30	Predicting publication productivity for authors: Shallow or deep architecture?. Scientometrics, 0, , .	1.6	1