

Xuzhen Zhu

List of Publications by Year in descending order

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55
papers

924
citations

758635

12
h-index

476904

29
g-index

57
all docs

57
docs citations

57
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	A new user similarity model to improve the accuracy of collaborative filtering. Knowledge-Based Systems, 2014, 56, 156-166.	4.0	492
2	Predicting missing links via significant paths. Europhysics Letters, 2014, 106, 18008.	0.7	30
3	Traffic-Aware Relay Vehicle Selection in Millimeter-Wave Vehicle-to-Vehicle Communication. IEEE Wireless Communications Letters, 2019, 8, 400-403.	3.2	26
4	Heterogeneous behavioral adoption in multiplex networks. New Journal of Physics, 2018, 20, 125002.	1.2	25
5	Personalized recommendation with corrected similarity. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P07004.	0.9	23
6	Predicting missing links via effective paths. Physica A: Statistical Mechanics and Its Applications, 2014, 413, 515-522.	1.2	20
7	Personalized recommendation based on unbiased consistence. Europhysics Letters, 2015, 111, 48007.	0.7	20
8	Link prediction via significant influence. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1523-1530.	1.2	18
9	Personalized recommendation based on preferential bidirectional mass diffusion. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 397-404.	1.2	17
10	Dynamics of social contagions with local trend imitation. Scientific Reports, 2018, 8, 7335.	1.6	16
11	Information propagation influenced by individual fashion-passion trend on multi-layer weighted network. Chaos, Solitons and Fractals, 2022, 160, 112200.	2.5	15
12	Information Spreading on Weighted Multiplex Social Network. Complexity, 2019, 2019, 1-15.	0.9	14
13	Optimal imitation capacity and crossover phenomenon in the dynamics of social contagions. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 063405.	0.9	13
14	Hybrid influence of degree and H-index in the link prediction of complex networks. Europhysics Letters, 2018, 122, 68003.	0.7	12
15	Optimization Matrix Factorization Recommendation Algorithm Based on Rating Centrality. Lecture Notes in Computer Science, 2018, , 114-125.	1.0	12
16	Contagion of Information on Two-Layered Weighted Complex Network. IEEE Access, 2019, 7, 155064-155074.	2.6	12
17	Cascading failures on interdependent networks with multiple dependency links and cliques. Physica A: Statistical Mechanics and Its Applications, 2019, 526, 120907.	1.2	10
18	Information Spreading on Two-Layered Multiplex Networks With Limited Contact. IEEE Access, 2020, 8, 104316-104325.	2.6	10

#	ARTICLE	IF	CITATIONS
19	The influence of heterogeneity of adoption thresholds on limited information spreading. Applied Mathematics and Computation, 2021, 411, 126448.	1.4	8
20	Roles of degree, H-index and coreness in link prediction of complex networks. International Journal of Modern Physics B, 2018, 32, 1850197.	1.0	7
21	Symmetrical information filtering via punishing superfluous diffusion. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 1-9.	1.2	7
22	Cascading failures on interdependent networks with star dependent links. Physica A: Statistical Mechanics and Its Applications, 2019, 535, 122222.	1.2	7
23	Link prediction based on combined influence and effective path. International Journal of Modern Physics B, 2019, 33, 1950249.	1.0	7
24	Symmetrical and overloaded effect of diffusion in information filtering. Physica A: Statistical Mechanics and Its Applications, 2017, 483, 9-15.	1.2	6
25	Information filtering based on eliminating redundant diffusion and compensating balance. International Journal of Modern Physics B, 2019, 33, 1950129.	1.0	6
26	Information spreading on complex networks with general group distribution. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 671-676.	1.2	6
27	Effects of group size distribution on cascading failure in partially interdependent networks. Physica A: Statistical Mechanics and Its Applications, 2019, 534, 120703.	1.2	6
28	Propagation characteristic of adoption thresholds heterogeneity in double-layer networks with edge weight distribution. Physica A: Statistical Mechanics and Its Applications, 2022, 591, 126768.	1.2	6
29	Personalized Recommendation Based on Unbalanced Symmetrical Mass Diffusion. , 2017, , .		5
30	Information filtering based on corrected redundancy-eliminating mass diffusion. PLoS ONE, 2017, 12, e0181402.	1.1	5
31	Link prediction based on weighted synthetical influence of degree and H-index on complex networks. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121184.	1.2	5
32	Identifying localized influential spreaders of information spreading. Physica A: Statistical Mechanics and Its Applications, 2019, 519, 92-97.	1.2	5
33	Double-edged sword effect of edge overlap on asymmetrically interacting spreading dynamics. Physica A: Statistical Mechanics and Its Applications, 2019, 515, 617-624.	1.2	5
34	Link prediction based on hybrid influence of neighbors. International Journal of Modern Physics B, 2020, 34, 2050018.	1.0	5
35	Personalized Recommendation via Suppressing Excessive Diffusion. Mathematical Problems in Engineering, 2017, 2017, 1-10.	0.6	4
36	Social contagions on multiplex networks with heterogeneous population. Physica A: Statistical Mechanics and Its Applications, 2019, 516, 105-113.	1.2	4

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37	Cooperate epidemic spreading on multiplex networks with heterogeneous population. International Journal of Modern Physics C, 2020, 31, 2050132.	0.8	4
38	Effect of leaders' implicit followership prototypes on employees' internal and external marketability. Social Behavior and Personality, 2019, 47, 1-12.	0.3	4
39	Explainable Matrix Factorization with Constraints on Neighborhood in the Latent Space. Lecture Notes in Computer Science, 2018, , 102-113.	1.0	3
40	Link prediction based on the tie connection strength of common neighbor. International Journal of Modern Physics C, 2019, 30, 1950089.	0.8	3
41	Effect of weak ties on degree and H-index in link prediction of complex network. Modern Physics Letters B, 2021, 35, 2150301.	1.0	3
42	Self-Adaptive Optimized Link Prediction Based on Weak Ties Theory in Unweighted Network. , 2013, , .		2
43	Link prediction based on nonequilibrium cooperation effect. International Journal of Modern Physics B, 2018, 32, 1850128.	1.0	2
44	Predicting potential links via combined hybrid influence of endpoints and connectivity of quasi-local paths. Physica A: Statistical Mechanics and Its Applications, 2020, 548, 123850.	1.2	2
45	Link prediction based on the powerful combination of endpoints and neighbors. International Journal of Modern Physics B, 2020, 34, 2050269.	1.0	2
46	Complex Social Contagions on Weighted Networks Considering Adoption Threshold Heterogeneity. IEEE Access, 2020, 8, 61905-61914.	2.6	2
47	Weighted synthetical influence of degree and H-index in link prediction of complex networks. International Journal of Modern Physics B, 2020, 34, 2050307.	1.0	2
48	Link Prediction in Complex Network via Penalizing Noncontribution Relations of Endpoints. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	1
49	Punishing the redundant influence improves the accuracy of link prediction. International Journal of Modern Physics B, 2018, 32, 1850179.	1.0	1
50	Collective Behavior Analysis and Graph Mining in Social Networks 2021. Complexity, 2022, 2022, 1-2.	0.9	1
51	A Community-Structure Based Adaptively Optimized Link Prediction Algorithm. , 2014, , .		0
52	An Enhanced Collaborative Filtering with Flexible Item Popularity Control for Recommender Systems. , 2014, , .		0
53	A Contract-Based Mobile Charging Scheme for Wireless-Powered Sensors in Industrial Internet of Things Networks. , 2018, , .		0
54	Evolutionary Cooperation in Networked Public Goods Game with Dependency Groups. Complexity, 2019, 2019, 1-8.	0.9	0

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55	Exploiting Incidence Relation Between Subgroups for Improving Clustering-Based Recommendation Model. Lecture Notes in Computer Science, 2019, , 543-555.	1.0	0