

Tao Zhou

List of Publications by Year in descending order

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247
papers

21,325
citations

14655

66
h-index

10445

139
g-index

248
all docs

248
docs citations

248
times ranked

9666
citing authors

#	ARTICLE	IF	CITATIONS
1	Link prediction in complex networks: A survey. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 1150-1170.	2.6	2,047
2	Predicting missing links via local information. <i>European Physical Journal B</i> , 2009, 71, 623-630.	1.5	1,277
3	Vital nodes identification in complex networks. <i>Physics Reports</i> , 2016, 650, 1-63.	25.6	895
4	Identifying influential nodes in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 1777-1787.	2.6	890
5	Bipartite network projection and personal recommendation. <i>Physical Review E</i> , 2007, 76, 046115.	2.1	830
6	Recommender systems. <i>Physics Reports</i> , 2012, 519, 1-49.	25.6	814
7	Solving the apparent diversity-accuracy dilemma of recommender systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4511-4515.	7.1	788
8	Efficient routing on complex networks. <i>Physical Review E</i> , 2006, 73, 046108.	2.1	546
9	Leaders in Social Networks, the Delicious Case. <i>PLoS ONE</i> , 2011, 6, e21202.	2.5	545
10	Similarity index based on local paths for link prediction of complex networks. <i>Physical Review E</i> , 2009, 80, 046122.	2.1	470
11	The H-index of a network node and its relation to degree and coreness. <i>Nature Communications</i> , 2016, 7, 10168.	12.8	447
12	Traffic dynamics based on local routing protocol on a scale-free network. <i>Physical Review E</i> , 2006, 73, 026111.	2.1	343
13	Toward link predictability of complex networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2325-2330.	7.1	315
14	Preliminary prediction of the basic reproduction number of the Wuhan novel coronavirus 2019â€nCoV. <i>Journal of Evidence-Based Medicine</i> , 2020, 13, 3-7.	1.8	296
15	Behaviors of susceptible-infected epidemics on scale-free networks with identical infectivity. <i>Physical Review E</i> , 2006, 74, 056109.	2.1	250
16	Link prediction in weighted networks: The role of weak ties. <i>Europhysics Letters</i> , 2010, 89, 18001.	2.0	242
17	Identifying Influential Nodes in Large-Scale Directed Networks: The Role of Clustering. <i>PLoS ONE</i> , 2013, 8, e77455.	2.5	242
18	Maximal planar networks with large clustering coefficient and power-law degree distribution. <i>Physical Review E</i> , 2005, 71, 046141.	2.1	215

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19	Effect of initial configuration on network-based recommendation. Europhysics Letters, 2008, 81, 58004.	2.0	210
20	Personalized recommendation via integrated diffusion on user-item-tag tripartite graphs. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 179-186.	2.6	204
21	Identifying influential spreaders by weighted LeaderRank. Physica A: Statistical Mechanics and Its Applications, 2014, 404, 47-55.	2.6	203
22	Epidemic spreading on heterogeneous networks with identical infectivity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 189-193.	2.1	196
23	Link prediction in complex networks: A local naïve Bayes model. Europhysics Letters, 2011, 96, 48007.	2.0	183
24	The small world yields the most effective information spreading. New Journal of Physics, 2011, 13, 123005.	2.9	180
25	Coevolution spreading in complex networks. Physics Reports, 2019, 820, 1-51.	25.6	180
26	Power-law strength-degree correlation from resource-allocation dynamics on weighted networks. Physical Review E, 2007, 75, 021102.	2.1	168
27	Solving the cold-start problem in recommender systems with social tags. Europhysics Letters, 2010, 92, 28002.	2.0	148
28	Role of activity in human dynamics. Europhysics Letters, 2008, 82, 28002.	2.0	147
29	Tag-Aware Recommender Systems: A State-of-the-Art Survey. Journal of Computer Science and Technology, 2011, 26, 767-777.	1.5	136
30	Global analysis of an SIS model with an infective vector on complex networks. Nonlinear Analysis: Real World Applications, 2012, 13, 543-557.	1.7	133
31	Core-like groups result in invalidation of identifying super-spreader by k-shell decomposition. Scientific Reports, 2015, 5, 9602.	3.3	132
32	Diversity of individual mobility patterns and emergence of aggregated scaling laws. Scientific Reports, 2013, 3, 2678.	3.3	121
33	Empirical analysis of web-based user-object bipartite networks. Europhysics Letters, 2010, 90, 48006.	2.0	112
34	Identify influential spreaders in complex networks, the role of neighborhood. Physica A: Statistical Mechanics and Its Applications, 2016, 452, 289-298.	2.6	112
35	Model and empirical study on some collaboration networks. Physica A: Statistical Mechanics and Its Applications, 2006, 360, 599-616.	2.6	111
36	Efficient routing on scale-free networks based on local information. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 351, 220-224.	2.1	109

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37	Predicting missing links and identifying spurious links via likelihood analysis. Scientific Reports, 2016, 6, 22955.	3.3	109
38	Accurate and diverse recommendations via eliminating redundant correlations. New Journal of Physics, 2009, 11, 123008.	2.9	108
39	Information filtering via biased heat conduction. Physical Review E, 2011, 84, 037101.	2.1	108
40	Community Detection based on Distance Dynamics. , 2015, , .		108
41	Locating influential nodes via dynamics-sensitive centrality. Scientific Reports, 2016, 6, 21380.	3.3	105
42	Evolution of the Internet and its cores. New Journal of Physics, 2008, 10, 123027.	2.9	104
43	Improving the accuracy of the k-shell method by removing redundant links: From a perspective of spreading dynamics. Scientific Reports, 2015, 5, 13172.	3.3	103
44	Zero-Determinant Strategies in Iterated Public Goods Game. Scientific Reports, 2015, 5, 13096.	3.3	99
45	Identifying influential spreaders by gravity model. Scientific Reports, 2019, 9, 8387.	3.3	99
46	Quantifying China's regional economic complexity. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1591-1603.	2.6	97
47	Enhanced synchronizability by structural perturbations. Physical Review E, 2005, 72, 057102.	2.1	94
48	Potential Theory for Directed Networks. PLoS ONE, 2013, 8, e55437.	2.5	91
49	Scale-free networks without growth. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 1683-1688.	2.6	89
50	Link prediction via matrix completion. Europhysics Letters, 2017, 117, 38002.	2.0	89
51	Zipf's Law Leads to Heaps' Law: Analyzing Their Relation in Finite-Size Systems. PLoS ONE, 2010, 5, e14139.	2.5	88
52	Computational socioeconomics. Physics Reports, 2019, 817, 1-104.	25.6	87
53	Relations between average distance, heterogeneity and network synchronizability. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 773-780.	2.6	82
54	Collaborative filtering with diffusion-based similarity on tripartite graphs. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1259-1264.	2.6	80

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55	Diversity of timescale promotes the maintenance of extortioners in a spatial prisoner's dilemma game. <i>New Journal of Physics</i> , 2015, 17, 033032.	2.9	80
56	Modeling human dynamics with adaptive interest. <i>New Journal of Physics</i> , 2008, 10, 073010.	2.9	79
57	Prediction of Links and Weights in Networks by Reliable Routes. <i>Scientific Reports</i> , 2015, 5, 12261.	3.3	79
58	Bridgeness: a local index on edge significance in maintaining global connectivity. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P10011.	2.3	76
59	Evaluating network models: A likelihood analysis. <i>Europhysics Letters</i> , 2012, 98, 28004.	2.0	76
60	Braess's Paradox in Epidemic Game: Better Condition Results in Less Payoff. <i>Scientific Reports</i> , 2013, 3, 3292.	3.3	76
61	Collective behavior coordination with predictive mechanisms. <i>IEEE Circuits and Systems Magazine</i> , 2008, 8, 67-85.	2.3	74
62	Epidemic spreading in weighted networks: An edge-based mean-field solution. <i>Physical Review E</i> , 2012, 85, 056106.	2.1	73
63	Hierarchical Connectome Modes and Critical State Jointly Maximize Human Brain Functional Diversity. <i>Physical Review Letters</i> , 2019, 123, 038301.	7.8	73
64	Origin of the scaling law in human mobility: Hierarchy of traffic systems. <i>Physical Review E</i> , 2011, 83, 036117.	2.1	72
65	Phase synchronization on scale-free networks with community structure. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 368, 431-434.	2.1	71
66	Emergence of scaling in human-interest dynamics. <i>Scientific Reports</i> , 2013, 3, 3472.	3.3	71
67	Adaptive model for recommendation of news. <i>Europhysics Letters</i> , 2009, 88, 38005.	2.0	68
68	Personal recommendation via modified collaborative filtering. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 462-468.	2.6	68
69	A robust ranking algorithm to spamming. <i>Europhysics Letters</i> , 2011, 94, 48002.	2.0	68
70	A limited resource model of fault-tolerant capability against cascading failure of complex network. <i>European Physical Journal B</i> , 2008, 62, 101-104.	1.5	66
71	Onset of cooperation between layered networks. <i>Physical Review E</i> , 2011, 84, 026101.	2.1	66
72	Link prediction via linear optimization. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 528, 121319.	2.6	66

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73	Information filtering via self-consistent refinement. Europhysics Letters, 2008, 82, 58007.	2.0	64
74	Orderliness predicts academic performance: behavioural analysis on campus lifestyle. Journal of the Royal Society Interface, 2018, 15, 20180210.	3.4	64
75	Mutual selection model for weighted networks. Physical Review E, 2005, 72, 046140.	2.1	63
76	Efficient routing strategies in scale-free networks with limited bandwidth. Physical Review E, 2011, 84, 026116.	2.1	63
77	Scalable Content-Aware Collaborative Filtering for Location Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1122-1135.	5.7	62
78	Information filtering based on transferring similarity. Physical Review E, 2009, 80, 017101.	2.1	61
79	Geography and Similarity of Regional Cuisines in China. PLoS ONE, 2013, 8, e79161.	2.5	60
80	Measuring multiple evolution mechanisms of complex networks. Scientific Reports, 2015, 5, 10350.	3.3	59
81	Evolving model of weighted networks inspired by scientific collaboration networks. Physica A: Statistical Mechanics and Its Applications, 2007, 375, 355-364.	2.6	58
82	Extortion provides alternative routes to the evolution of cooperation in structured populations. Physical Review E, 2017, 95, 052302.	2.1	57
83	Progresses and challenges in link prediction. IScience, 2021, 24, 103217.	4.1	57
84	Optimal contact process on complex networks. Physical Review E, 2008, 78, 066109.	2.1	56
85	Content-Aware Collaborative Filtering for Location Recommendation Based on Human Mobility Data. , 2015, , .		56
86	Emergence of Scale-Free Leadership Structure in Social Recommender Systems. PLoS ONE, 2011, 6, e20648.	2.5	55
87	Effects of social diversity on the emergence of global consensus in opinion dynamics. Physical Review E, 2009, 80, 046108.	2.1	53
88	Effects of high-order correlations on personalized recommendations for bipartite networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 881-886.	2.6	51
89	Immunization of susceptibleâ€infectd model on scale-free networks. Physica A: Statistical Mechanics and Its Applications, 2007, 384, 656-662.	2.6	50
90	Empirical Analysis on the Human Dynamics of a Large-Scale Short Message Communication System. Chinese Physics Letters, 2011, 28, 068901.	3.3	49

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91	Empirical analysis of dependence between stations in Chinese railway network. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 2949-2955.	2.6	47
92	Deviation of Zipf's and Heaps' Laws in Human Languages with Limited Dictionary Sizes. Scientific Reports, 2013, 3, 1082.	3.3	46
93	Evaluating user reputation in online rating systems via an iterative group-based ranking method. Physica A: Statistical Mechanics and Its Applications, 2017, 473, 546-560.	2.6	46
94	An item-oriented recommendation algorithm on cold-start problem. Europhysics Letters, 2011, 95, 58003.	2.0	45
95	Group-based ranking method for online rating systems with spamming attacks. Europhysics Letters, 2015, 110, 28003.	2.0	45
96	Predicting Academic Performance for College Students. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-21.	4.5	45
97	Empirical analysis on temporal statistics of human correspondence patterns. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 6391-6394.	2.6	44
98	Optimal view angle in collective dynamics of self-propelled agents. Physical Review E, 2009, 79, 052102.	2.1	44
99	Relevance is more significant than correlation: Information filtering on sparse data. Europhysics Letters, 2009, 88, 68008.	2.0	44
100	Uncovering missing links with cold ends. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 5769-5778.	2.6	44
101	Extortion under uncertainty: Zero-determinant strategies in noisy games. Physical Review E, 2015, 91, 052803.	2.1	44
102	Hierarchical clustering supported by reciprocal nearest neighbors. Information Sciences, 2020, 527, 279-292.	6.9	44
103	Effective mechanism for social recommendation of news. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2117-2126.	2.6	41
104	Exponential structure of income inequality: evidence from 67 countries. Journal of Economic Interaction and Coordination, 2019, 14, 345-376.	0.7	41
105	Ultrafast consensus via predictive mechanisms. Europhysics Letters, 2008, 83, 40003.	2.0	39
106	Stability of similarity measurements for bipartite networks. Scientific Reports, 2016, 6, 18653.	3.3	39
107	Better synchronizability predicted by crossed double cycle. Physical Review E, 2006, 73, 037101.	2.1	38
108	EFFECTS OF USER'S TASTES ON PERSONALIZED RECOMMENDATION. International Journal of Modern Physics C, 2009, 20, 1925-1932.	1.7	37

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109	CAN DISSIMILAR USERS CONTRIBUTE TO ACCURACY AND DIVERSITY OF PERSONALIZED RECOMMENDATION?. International Journal of Modern Physics C, 2010, 21, 1217-1227.	1.7	37
110	Optimization of network structure to random failures. Physica A: Statistical Mechanics and Its Applications, 2006, 368, 607-614.	2.6	36
111	MODELLING COLLABORATION NETWORKS BASED ON NONLINEAR PREFERENTIAL ATTACHMENT. International Journal of Modern Physics C, 2007, 18, 297-314.	1.7	35
112	Consensus of self-driven agents with avoidance of collisions. Physical Review E, 2009, 79, 026113.	2.1	35
113	Empirical analysis of online human dynamics. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 3308-3315.	2.6	35
114	Proper aspiration level promotes generous behavior in the spatial prisoner's dilemma game. European Physical Journal B, 2016, 89, 1.	1.5	35
115	Explosive spreading on complex networks: The role of synergy. Physical Review E, 2017, 95, 042320.	2.1	35
116	A vertex similarity index for better personalized recommendation. Physica A: Statistical Mechanics and Its Applications, 2017, 466, 607-615.	2.6	34
117	Experimental analyses on 2-hop-based and 3-hop-based link prediction algorithms. Physica A: Statistical Mechanics and Its Applications, 2021, 564, 125532.	2.6	34
118	Characterizing cycle structure in complex networks. Communications Physics, 2021, 4, .	5.3	34
119	Singularities and symmetry breaking in swarms. Physical Review E, 2008, 77, 021920.	2.1	33
120	Negative ratings play a positive role in information filtering. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4486-4493.	2.6	33
121	Relative clock verifies endogenous bursts of human dynamics. Europhysics Letters, 2012, 97, 18006.	2.0	33
122	Self-organized Boolean game on networks. Physical Review E, 2005, 72, 046139.	2.1	32
123	Topological properties of integer networks. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 613-618.	2.6	32
124	Local preferential attachment model for hierarchical networks. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1713-1720.	2.6	32
125	Anchoring bias in online voting. Europhysics Letters, 2012, 100, 68002.	2.0	32
126	Uncovering the information core in recommender systems. Scientific Reports, 2014, 4, 6140.	3.3	32

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127	Unfolding large-scale online collaborative human dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14627-14632.	7.1	32
128	Impact of heterogeneous human activities on epidemic spreading. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4543-4548.	2.6	31
129	Promotion and resignation in employee networks. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 442-447.	2.6	31
130	Mobility in China, 2020: a tale of four phases. National Science Review, 2021, 8, nwab148.	9.5	31
131	Continuous extremal optimization for Lennard-Jones clusters. Physical Review E, 2005, 72, 016702.	2.1	30
132	Diffusion entropy analysis on the scaling behavior of financial markets. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 337-344.	2.6	30
133	Geographical networks evolving with an optimal policy. Physical Review E, 2007, 75, 036106.	2.1	30
134	Predicting missing links via significant paths. Europhysics Letters, 2014, 106, 18008.	2.0	30
135	Relationship between the in-degree and out-degree of WWW. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 861-869.	2.6	28
136	Mixing navigation on networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3025-3032.	2.6	28
137	Empirical analysis on a keyword-based semantic system. European Physical Journal B, 2008, 66, 557-561.	1.5	28
138	Accelerating consensus of self-driven swarm via adaptive speed. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1237-1242.	2.6	28
139	Bootstrap percolation on spatial networks. Scientific Reports, 2015, 5, 14662.	3.3	28
140	Destination choice game: A spatial interaction theory on human mobility. Scientific Reports, 2019, 9, 9466.	3.3	28
141	Information filtering via balanced diffusion on bipartite networks. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 44-53.	2.6	27
142	Optimal interlayer structure for promoting spreading of the susceptible-infected-susceptible model in two-layer networks. Physical Review E, 2019, 100, 022316.	2.1	27
143	Influence of Reciprocal Links in Social Networks. PLoS ONE, 2014, 9, e103007.	2.5	27
144	Playing the role of weak clique property in link prediction: A friend recommendation model. Scientific Reports, 2016, 6, 30098.	3.3	26

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145	Scaling behavior of online human activity. <i>Europhysics Letters</i> , 2012, 100, 48004.	2.0	25
146	On predictability of time series. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 523, 345-351.	2.6	25
147	Spillovers across industries and regions in China's regional economic diversification. <i>Regional Studies</i> , 2021, 55, 1311-1326.	4.4	24
148	Predictive protocol of flocks with small-world connection pattern. <i>Physical Review E</i> , 2009, 79, 016113.	2.1	23
149	Route-dependent switch between hierarchical and egalitarian strategies in pigeon flocks. <i>Scientific Reports</i> , 2014, 4, 5805.	3.3	23
150	Empirical study on clique-degree distribution of networks. <i>Physical Review E</i> , 2007, 76, 037102.	2.1	22
151	Zero-determinant strategy: An underway revolution in game theory. <i>Chinese Physics B</i> , 2014, 23, 078905.	1.4	22
152	Switching hierarchical leadership mechanism in homing flight of pigeon flocks. <i>Europhysics Letters</i> , 2016, 114, 60008.	2.0	22
153	Correlation between social proximity and mobility similarity. <i>Scientific Reports</i> , 2017, 7, 11975.	3.3	22
154	Interactive social contagions and co-infections on complex networks. <i>Chaos</i> , 2018, 28, 013120.	2.5	22
155	Phase diagrams of interacting spreading dynamics in complex networks. <i>Physical Review Research</i> , 2020, 2, .	3.6	22
156	Collaborative filtering based on multi-channel diffusion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 4867-4871.	2.6	21
157	DEGREE CORRELATION OF BIPARTITE NETWORK ON PERSONALIZED RECOMMENDATION. <i>International Journal of Modern Physics C</i> , 2010, 21, 137-147.	1.7	21
158	Scale invariance of human electroencephalogram signals in sleep. <i>Physical Review E</i> , 2007, 76, 061903.	2.1	20
159	Promoting Cold-Start Items in Recommender Systems. <i>PLoS ONE</i> , 2014, 9, e113457.	2.5	20
160	Personalized recommendation based on unbiased consistence. <i>Europhysics Letters</i> , 2015, 111, 48007.	2.0	20
161	Indigenization of urban mobility. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 469, 232-243.	2.6	20
162	Environmental Homogenization or Heterogenization? The Effects of Globalization on Carbon Dioxide Emissions, 1970-2014. <i>Sustainability</i> , 2019, 11, 2752.	3.2	20

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163	Aggregation Pattern Transitions by Slightly Varying the Attractive/Repulsive Function. PLoS ONE, 2011, 6, e22123.	2.5	20
164	MODELING STOCK MARKET BASED ON GENETIC CELLULAR AUTOMATA. International Journal of Modern Physics B, 2004, 18, 2697-2702.	2.0	19
165	GEOGRAPHICAL EFFECTS ON EPIDEMIC SPREADING IN SCALE-FREE NETWORKS. International Journal of Modern Physics C, 2006, 17, 1815-1822.	1.7	19
166	An analysis of transmission dynamics of drug-resistant disease on scale-free networks. Applied Mathematics and Computation, 2013, 222, 177-189.	2.2	19
167	Enhanced synchronizability via age-based coupling. Physical Review E, 2007, 76, 057103.	2.1	18
168	Critical size of ego communication networks. Europhysics Letters, 2016, 114, 58004.	2.0	18
169	Anisotropic interaction rules in circular motions of pigeon flocks: An empirical study based on sparse Bayesian learning. Physical Review E, 2017, 96, 022411.	2.1	18
170	Impacts of opinion leaders on social contagions. Chaos, 2018, 28, 053103.	2.5	18
171	Exact Solution of the Gyration Radius of an Individual's Trajectory for a Simplified Human Regular Mobility Model. Chinese Physics Letters, 2011, 28, 120506.	3.3	17
172	Enhancing topology adaptation in information-sharing social networks. Physical Review E, 2012, 85, 046108.	2.1	17
173	Lower bound of assortativity coefficient in scale-free networks. Chaos, 2017, 27, 033113.	2.5	17
174	The COVID-19 outbreak in Sichuan, China: Epidemiology and impact of interventions. PLoS Computational Biology, 2020, 16, e1008467.	3.2	17
175	Scaling behavior of an artificial traffic model on scale-free networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 366, 14-19.	2.1	16
176	Global optimization of minority game by intelligent agents. European Physical Journal B, 2005, 47, 587-593.	1.5	15
177	Power law distribution of wealth in population based on a modified Equiluz-Zimmermann model. Physical Review E, 2005, 71, 046135.	2.1	15
178	Predicting link directions via a recursive subgraph-based ranking. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 3402-3408.	2.6	15
179	Modeling correlated human dynamics with temporal preference. Physica A: Statistical Mechanics and Its Applications, 2014, 398, 145-151.	2.6	15
180	Promoting collective motion of self-propelled agents by distance-based influence. Physical Review E, 2014, 89, 032813.	2.1	15

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181	Online social activity reflects economic status. Physica A: Statistical Mechanics and Its Applications, 2016, 457, 581-589.	2.6	15
182	Diffusion entropy analysis on the stride interval fluctuation of human gait. Physica A: Statistical Mechanics and Its Applications, 2007, 375, 687-692.	2.6	14
183	Structure and external factors of chinese city airline network. Physics Procedia, 2010, 3, 1781-1789.	1.2	14
184	Manipulating directed networks for better synchronization. New Journal of Physics, 2012, 14, 083006.	2.9	14
185	Enhancing the network synchronizability. Frontiers of Physics in China, 2007, 2, 460-468.	1.0	13
186	Synchronization on effective networks. New Journal of Physics, 2010, 12, 043030.	2.9	13
187	Dynamic patterns of academic forum activities. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 117-124.	2.6	13
188	Close and ordinary social contacts: How important are they in promoting large-scale contagion?. Physical Review E, 2018, 98, .	2.1	13
189	Kuramoto dilemma alleviated by optimizing connectivity and rationality. Physical Review E, 2018, 98, 022201.	2.1	13
190	Improving personalized link prediction by hybrid diffusion. Physica A: Statistical Mechanics and Its Applications, 2016, 447, 199-207.	2.6	12
191	Understanding the urban mobility community by taxi travel trajectory. Communications in Nonlinear Science and Numerical Simulation, 2021, 101, 105863.	3.3	12
192	AVALANCHE DYNAMICS OF THE FINANCIAL MARKET. New Mathematics and Natural Computation, 2005, 01, 275-283.	0.7	11
193	INTERPLAY BETWEEN HIV/AIDS EPIDEMICS AND DEMOGRAPHIC STRUCTURES BASED ON SEXUAL CONTACT NETWORKS. International Journal of Modern Physics C, 2007, 18, 1025-1045.	1.7	11
194	Optimal transport on supply-demand networks. Physical Review E, 2010, 81, 066105.	2.1	11
195	Electric Power Grids and Blackouts in Perspective of Complex Networks. , 2006, , .		10
196	Stamp out fake peer review. Nature, 2017, 546, 33-33.	27.8	10
197	Bounds of memory strength for power-law series. Physical Review E, 2017, 95, 052314.	2.1	10
198	Segregation in religion networks. EPJ Data Science, 2019, 8, .	2.8	10

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199	Identifying significant edges via neighborhood information. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 548, 123877.	2.6	10
200	Phase synchronization of non-Abelian oscillators on small-world networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 362, 115-119.	2.1	9
201	Fast asynchronous updating algorithms for k-shell indices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 524-531.	2.6	9
202	Controlling epidemic outbreak based on local dynamic infectiousness on complex networks. <i>Chaos</i> , 2018, 28, 123105.	2.5	9
203	Regional economic status inference from information flow and talent mobility. <i>Europhysics Letters</i> , 2019, 125, 68002.	2.0	9
204	Evaluating the effect of Chinese control measures on COVID-19 via temporal reproduction number estimation. <i>PLoS ONE</i> , 2021, 16, e0246715.	2.5	8
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