

Xin-Jian Xu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

1,490
citations

22
h-index

37
g-index

73
ext. papers

1,648
ext. citations

2.4
avg, IF

4.42
L-index

#	Paper	IF	Citations
72	Evolutionary prisoner's dilemma game with dynamic preferential selection. <i>Physical Review E</i> , 2006 , 74, 021107	2.4	162
71	The impact of awareness on epidemic spreading in networks. <i>Chaos</i> , 2012 , 22, 013101	3.3	154
70	Spatial prisoner's dilemma game with volunteering in Newman-Watts small-world networks. <i>Physical Review E</i> , 2005 , 71, 037103	2.4	148
69	Evolutionary prisoner's dilemma game on Barabási-Albert scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 379, 672-680	3.3	90
68	PPIM: A Protein-Protein Interaction Database for Maize. <i>Plant Physiology</i> , 2016 , 170, 618-26	6.6	62
67	Promotion of cooperation induced by nonlinear attractive effect in spatial Prisoner's Dilemma game. <i>Europhysics Letters</i> , 2006 , 76, 1214-1220	1.6	60
66	Transcriptome sequencing uncovers a three-long noncoding RNA signature in predicting breast cancer survival. <i>Scientific Reports</i> , 2016 , 6, 27931	4.9	57
65	Prisoner's Dilemma Game with Heterogeneous Influential Effect on Regular Small-World Networks. <i>Chinese Physics Letters</i> , 2006 , 23, 531-534	1.8	49
64	Epidemic spreading with time delay in complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 367, 525-530	3.3	46
63	Vaccination intervention on epidemic dynamics in networks. <i>Physical Review E</i> , 2013 , 87, 022813	2.4	45
62	Epidemic spreading on contact networks with adaptive weights. <i>Journal of Theoretical Biology</i> , 2013 , 317, 133-9	2.3	38
61	Melanoma long non-coding RNA signature predicts prognostic survival and directs clinical risk-specific treatments. <i>Journal of Dermatological Science</i> , 2017 , 85, 226-234	4.3	29
60	Impacts of preference and geography on epidemic spreading. <i>Physical Review E</i> , 2007 , 76, 056109	2.4	29
59	Excitable Greenberg-Hastings cellular automaton model on scale-free networks. <i>Physical Review E</i> , 2007 , 75, 032901	2.4	28
58	Walks on Weighted Networks. <i>Chinese Physics Letters</i> , 2007 , 24, 577-580	1.8	27
57	Walks on Apollonian networks. <i>European Physical Journal B</i> , 2006 , 51, 549-553	1.2	27
56	Adaptive synchronization and pinning control of colored networks. <i>Chaos</i> , 2012 , 22, 043137	3.3	25

55	Promote cooperation by localised small-world communication. <i>Europhysics Letters</i> , 2008 , 81, 28001	1.6	24
54	Projective-anticipating, projective, and projective-lag synchronization of time-delayed chaotic systems on random networks. <i>Chaos</i> , 2008 , 18, 023117	3.3	23
53	Prevention of infectious diseases by public vaccination and individual protection. <i>Journal of Mathematical Biology</i> , 2016 , 73, 1561-1594	2	23
52	Generalized matrix projective synchronization of general colored networks with different-dimensional node dynamics. <i>Journal of the Franklin Institute</i> , 2014 , 351, 4584-4595	4	22
51	Epidemic spreading in lattice-embedded scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 377, 125-130	3.3	22
50	A Five-Gene Signature Predicts Prognosis in Patients with Kidney Renal Clear Cell Carcinoma. <i>Computational and Mathematical Methods in Medicine</i> , 2015 , 2015, 842784	2.8	19
49	GEOGRAPHICAL EFFECTS ON EPIDEMIC SPREADING IN SCALE-FREE NETWORKS. <i>International Journal of Modern Physics C</i> , 2006 , 17, 1815-1822	1.1	18
48	Contagion on complex networks with persuasion. <i>Scientific Reports</i> , 2016 , 6, 23766	4.9	17
47	De novo assembly and characterization of <i>Sophora japonica</i> transcriptome using RNA-seq. <i>BioMed Research International</i> , 2014 , 2014, 750961	3	15
46	Generating structured networks based on a weight-dependent deactivation mechanism. <i>Physical Review E</i> , 2005 , 71, 066124	2.4	15
45	THE SIS MODEL WITH TIME DELAY ON COMPLEX NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009 , 19, 623-628	2	14
44	Influence of synaptic interaction on firing synchronization and spike death in excitatory neuronal networks. <i>Physical Review E</i> , 2008 , 78, 061906	2.4	14
43	Effects of degree distribution in mutual synchronization of neural networks. <i>Physical Review E</i> , 2006 , 74, 041915	2.4	14
42	Response of degree-correlated scale-free networks to stimuli. <i>Physical Review E</i> , 2007 , 75, 046113	2.4	14
41	Synchronization of coupled logistic maps on random community networks. <i>Chinese Physics B</i> , 2008 , 17, 1951-1956	1.2	13
40	Identification of Gene and MicroRNA Signatures for Oral Cancer Developed from Oral Leukoplakia. <i>BioMed Research International</i> , 2015 , 2015, 841956	3	12
39	Growing community networks with local events. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 1273-1278	3.3	12
38	Coevolutionary dynamics of networks and games under birth-death and birth mechanisms. <i>European Physical Journal B</i> , 2007 , 58, 493-498	1.2	11

37	Network evolution by nonlinear preferential rewiring of edges. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011 , 390, 2429-2434	3.3	10
36	Temporal prediction of epidemic patterns in community networks. <i>New Journal of Physics</i> , 2013 , 15, 113033	3.3	9
35	Opinion formation on multiplex scale-free networks. <i>Europhysics Letters</i> , 2018 , 121, 26002	1.6	8
34	Improving consensual performance of multi-agent systems in weighted scale-free networks. <i>Chinese Physics B</i> , 2009 , 18, 4217-4221	1.2	8
33	Phase Locking Phenomena and Electroencephalogram-Like Activities in Dynamic Neuronal Systems. <i>Chinese Physics Letters</i> , 2005 , 22, 507-509	1.8	7
32	STEADY STATES OF EPIDEMIC SPREADING IN SMALL-WORLD NETWORKS. <i>International Journal of Modern Physics C</i> , 2004 , 15, 1471-1477	1.1	6
31	Comment on "Maximal planar networks with large clustering coefficient and power-law degree distribution". <i>Physical Review E</i> , 2006 , 73, 058101; author reply 058102	2.4	5
30	PROPERTIES OF WEIGHTED COMPLEX NETWORKS. <i>International Journal of Modern Physics C</i> , 2006 , 17, 521-529	1.1	5
29	Properties of weighted structured scale-free networks. <i>European Physical Journal B</i> , 2005 , 45, 385-390	1.2	5
28	MUTUAL SELECTION IN NETWORK EVOLUTION: THE ROLE OF THE INTRINSIC FITNESS. <i>International Journal of Modern Physics C</i> , 2010 , 21, 129-135	1.1	4
27	Rank-dependent deactivation in network evolution. <i>Physical Review E</i> , 2009 , 80, 066105	2.4	4
26	An Integrating Immune-Related Signature to Improve Prognosis of Hepatocellular Carcinoma. <i>Computational and Mathematical Methods in Medicine</i> , 2020 , 2020, 8872329	2.8	4
25	Universal behavior of the linear threshold model on weighted networks. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 123, 223-229	4.4	4
24	Sparse connection density underlies the maximal functional difference between random and scale-free networks. <i>European Physical Journal B</i> , 2013 , 86, 1	1.2	3
23	Simple reaction-diffusion population model on scale-free networks. <i>Physical Review E</i> , 2008 , 78, 047101	2.4	3
22	Synchronization of Coupled Oscillators on Newman-Watts Small-World Networks. <i>Chinese Physics Letters</i> , 2006 , 23, 1410-1413	1.8	3
21	An eight-mRNA signature predicts the prognosis of patients with bladder urothelial carcinoma. <i>PeerJ</i> , 2019 , 7, e7836	3.1	3
20	Dynamics of the threshold model on hypergraphs.. <i>Chaos</i> , 2022 , 32, 023125	3.3	3

19	Prognostic Value of a Three-DNA Methylation Biomarker in Patients with Soft Tissue Sarcoma. <i>Journal of Oncology</i> , 2020 , 2020, 8106212	4.5	2
18	Modeling nonuniversal citation distributions: the role of scientific journals. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P04029	1.9	2
17	MODELING CITATION NETWORKS BASED ON VIGOROUSNESS AND DORMANCY. <i>Modern Physics Letters B</i> , 2013 , 27, 1350155	1.6	2
16	Risk Estimate of Diseases in Scale-Free Networks. <i>Chinese Physics Letters</i> , 2008 , 25, 2311-2314	1.8	2
15	Evolution of Weighted Networks with Exponential Aging of Sites. <i>Chinese Physics Letters</i> , 2005 , 22, 1548-1551	1.5	2
14	Dynamics of opinion formation under majority rules on complex social networks. <i>Scientific Reports</i> , 2020 , 10, 456	4.9	1
13	Impact of directionality and correlation on contagion. <i>Scientific Reports</i> , 2018 , 8, 4814	4.9	1
12	Quantum transport with long-range steps on Watts-Strogatz networks. <i>International Journal of Modern Physics C</i> , 2016 , 27, 1650015	1.1	1
11	Rank-based deactivation model for networks with age. <i>Chinese Physics B</i> , 2013 , 22, 018903	1.2	1
10	Fitness-driven deactivation in network evolution. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010 , 2010, P12020	1.9	1
9	Effect of fitness on mutual selection in network evolution. <i>Physics Procedia</i> , 2010 , 3, 1795-1799		1
8	Local effects in synchronization on an extended network model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 371, 790-794	3.3	1
7	Heuristic Strategies for Persuader Selection in Contagions on Complex Networks. <i>PLoS ONE</i> , 2017 , 12, e0169771	3.7	1
6	A comparative study of online communities and popularity of BBS in four Chinese universities. <i>PLoS ONE</i> , 2020 , 15, e0234469	3.7	
5	EXACT SOLUTION OF POPULATION REDISTRIBUTIONS IN A MIGRATION MODEL. <i>International Journal of Modern Physics C</i> , 2013 , 24, 1350067	1.1	
4	Statistics of Leaders in Index-Driven Networks. <i>Chinese Physics Letters</i> , 2013 , 30, 058901	1.8	
3	Mobile agents affect worm spreading in wireless ad hoc networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P09005	1.9	
2	COUPLING PARAMETER IN SYNCHRONIZATION OF SMALL-WORLD NEURAL NETWORKS. <i>International Journal of Modern Physics C</i> , 2005 , 16, 1841-1848	1.1	

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0.2