Huijuan Wang

List of Publications by Year
in descending order

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39	1,194	516561	377752
papers	citations	16 h-index	34 g-index

39	39	39	1019
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitigate SIR epidemic spreading via contact blocking in temporal networks. Applied Network Science, 2022, 7, 2.	0.8	4
2	Temporal Network Prediction and Interpretation. IEEE Transactions on Network Science and Engineering, 2022, 9, 1215-1224.	4.1	6
3	Influence of clustering coefficient on network embedding in link prediction. Applied Network Science, 2022, 7, .	0.8	3
4	Modeling airport congestion contagion by heterogeneous SIS epidemic spreading on airline networks. PLoS ONE, 2021, 16, e0245043.	1.1	6
5	Suppressing Epidemic Spreading via Contact Blocking in Temporal Networks. Studies in Computational Intelligence, 2021, , 444-454.	0.7	1
6	Modeling Airport Congestion ContagionÂby SIS Epidemic SpreadingÂonÂAirlineÂNetworks. Studies in Computational Intelligence, 2020, , 385-398.	0.7	1
7	Susceptible-infected-spreading-based network embedding in static and temporal networks. EPJ Data Science, 2020, 9, .	1.5	21
8	Suppressing Information Diffusion via Link Blocking in Temporal Networks. Studies in Computational Intelligence, 2020, , 448-458.	0.7	5
9	Self-avoiding pruning random walk on signed network. New Journal of Physics, 2019, 21, 035001.	1.2	10
10	Impact of structural balance on Self-Avoiding Pruning Walk. Physica A: Statistical Mechanics and Its Applications, 2019, 524, 362-374.	1.2	3
11	Information diffusion backbones in temporal networks. Scientific Reports, 2019, 9, 6798.	1.6	27
12	Characterizing Temporal Bipartite Networks - Sequential- Versus Cross-Tasking. Studies in Computational Intelligence, 2019, , 28-39.	0.7	2
13	Information Diffusion Backbone. Computational Social Sciences, 2019, , 199-217.	0.4	1
14	Modelling of information diffusion on social networks with applications to WeChat. Physica A: Statistical Mechanics and Its Applications, 2018, 496, 318-329.	1.2	33
15	SIS epidemic spreading with correlated heterogeneous infection rates. Physica A: Statistical Mechanics and Its Applications, 2017, 472, 13-24.	1.2	19
16	Ranking of Nodal Infection Probability in Susceptible-Infected-Susceptible Epidemic. Scientific Reports, 2017, 7, 9233.	1.6	12
17	SIS Epidemic Spreading with Heterogeneous Infection Rates. IEEE Transactions on Network Science and Engineering, 2017, 4, 177-186.	4.1	37
18	Epidemic mitigation via awareness propagation in communication networks: the role of time scales. New Journal of Physics, 2017, 19, 073039.	1.2	15

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19	Resilience of epidemics for SIS model on networks. Chaos, 2017, 27, 083105.	1.0	10
20	The Accuracy of Mean-Field Approximation for Susceptible-Infected-Susceptible Epidemic Spreading with Heterogeneous Infection Rates. Studies in Computational Intelligence, 2017, , 499-510.	0.7	7
21	Epidemics in Interconnected Small-World Networks. PLoS ONE, 2015, 10, e0120701.	1.1	32
22	Correlation between centrality metrics and their application to the opinion model. European Physical Journal B, 2015, 88, 1.	0.6	87
23	Decentralized Protection Strategies Against SIS Epidemics in Networks. IEEE Transactions on Control of Network Systems, 2015, 2, 406-419.	2.4	49
24	New Lower Bounds for the Fundamental Weight of the Principal Eigenvector in Complex Networks. , 2014, , .		0
25	Complete game-theoretic characterization of SIS epidemics protection strategies. , 2014, , .		22
26	Nonconsensus opinion model on directed networks. Physical Review E, 2014, 90, 052811.	0.8	14
27	Epidemics on interconnected lattices. Europhysics Letters, 2014, 105, 68004.	0.7	29
28	Design of robust dependent networks against flow-based cascading failures. , 2014, , .		0
29	Non-consensus Opinion Models on Complex Networks. Journal of Statistical Physics, 2013, 151, 92-112.	0.5	46
30	The robustness of interdependent clustered networks. Europhysics Letters, 2013, 101, 18002.	0.7	97
31	Epidemic threshold in directed networks. Physical Review E, 2013, 88, 062802.	0.8	37
32	Effect of the interconnected network structure on the epidemic threshold. Physical Review E, 2013, 88, 022801.	0.8	148
33	Bounds for the spectral radius of a graph when nodes are removed. Linear Algebra and Its Applications, 2012, 437, 319-323.	0.4	18
34	Assortativity of complementary graphs. European Physical Journal B, 2011, 83, 203-214.	0.6	18
35	Decreasing the spectral radius of a graph by link removals. Physical Review E, 2011, 84, 016101.	0.8	128
36	Influence of assortativity and degree-preserving rewiring on the spectra of networks. European Physical Journal B, 2010, 76, 643-652.	0.6	108

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37	Graphs with given diameter maximizing the algebraic connectivity. Linear Algebra and Its Applications, 2010, 433, 1889-1908.	0.4	12
38	The Observable Part of a Network. IEEE/ACM Transactions on Networking, 2009, 17, 93-105.	2.6	15
39	Betweenness centrality in a weighted network. Physical Review E, 2008, 77, 046105.	0.8	111