Huijia Li

List of Publications by Year
in descending order

84 papers	2,366 citations	236612 25 h-index	214527 47 g-index
85 all docs	85 docs citations	85 times ranked	1371 citing authors

#	Article	IF	Citations
1	Fast Markov Clustering Algorithm Based on Belief Dynamics. IEEE Transactions on Cybernetics, 2023, 53, 3716-3725.	6.2	21
2	A Fast Community Detection Algorithm Based on Reconstructing Signed Networks. IEEE Systems Journal, 2022, 16, 614-625.	2.9	10
3	Traffic Dynamics on Multilayer Networks With Different Speeds. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1697-1701.	2.2	9
4	Measuring the Network Vulnerability Based on Markov Criticality. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-24.	2.5	18
5	An analysis of the global fuel-trading market based on the visibility graph approach. Chaos, Solitons and Fractals, 2022, 154, 111613.	2.5	17
6	CRISPR-Cas9-mediated mutagenesis of the SlSRM1-like gene leads to abnormal leaf development in tomatoes. BMC Plant Biology, 2022, 22, 13.	1.6	6
7	Impact of resource-based conditional interaction on cooperation in spatial social dilemmas. Physica A: Statistical Mechanics and Its Applications, 2022, 594, 127055.	1.2	12
8	Fast Community Detection based on Graph Autoencoder Reconstruction. , 2022, , .		4
9	Research on historical phase division of terrorism: An analysis method by time series complex network. Neurocomputing, 2021, 420, 246-265.	3.5	11
10	An effective and scalable overlapping community detection approach: Integrating social identity model and game theory. Applied Mathematics and Computation, 2021, 390, 125601.	1.4	18
11	Extract the network communities based on fuzzy clustering theory. Modern Physics Letters B, 2021, 35, 2150311.	1.0	1
12	Investigation of stock price network based on time series analysis and complex network. International Journal of Modern Physics B, 2021, 35, 2150171.	1.0	12
13	Editorial: Mathematical Modelling of the Pandemic of 2019 Novel Coronavirus (COVID-19): Patterns, Dynamics, Prediction, and Control. Frontiers in Physics, 2021, 9, .	1.0	3
14	The dynamics of epidemic spreading on signed networks. Chaos, Solitons and Fractals, 2021, 151, 111294.	2.5	66
15	Complex networks from time series data allow an efficient historical stage division of urban air quality information. Applied Mathematics and Computation, 2021, 410, 126435.	1.4	4
16	Optimal Control of a Cell-to-Cell Fractional-Order Model with Periodic Immune Response for HCV. Symmetry, 2021, 13, 2121.	1.1	6
17	Difference and Cluster Analysis on the Carbon Dioxide Emissions in China During COVID-19 Lockdown via a Complex Network Model. Frontiers in Psychology, 2021, 12, 795142.	1.1	14
18	Notice of Retraction: â€œExtract the network communities based on fuzzy clustering theoryâ€. Modern Physics Letters B, 2021, 35, .	1.0	0

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19	Graph K-means Based on Leader Identification, Dynamic Game, and Opinion Dynamics. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1348-1361.	4.0	111
20	Exploring the trust management mechanism in self-organizing complex network based on game theory. Physica A: Statistical Mechanics and Its Applications, 2020, 542, 123514.	1.2	65
21	Dynamical Clustering in Electronic Commerce Systems via Optimization and Leadership Expansion. IEEE Transactions on Industrial Informatics, 2020, 16, 5327-5334.	7.2	124
22	Optimal estimation of low-rank factors via feature level data fusion of multiplex signal systems. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	4.0	41
23	An efficient power load forecasting model based on the optimized combination. Modern Physics Letters B, 2020, 34, 2050114.	1.0	5
24	Properties and structural analyses of USA's regional electricity market: A visibility graph network approach. Applied Mathematics and Computation, 2020, 385, 125434.	1.4	30
25	Complex network routing strategy based on segmented transportation distance limit. Modern Physics Letters B, 2020, 34, 2050291.	1.0	4
26	Optimization of identifiability for efficient community detection. New Journal of Physics, 2020, 22, 063035.	1.2	103
27	Identifying Desirable Function Perturbations in Signaling Pathways Through Stochastic Analysis. IEEE Access, 2020, 8, 15448-15458.	2.6	1
28	Comparative transcriptome analysis reveals the response mechanism of Cf-16-mediated resistance to Cladosporium fulvum infection in tomato. BMC Plant Biology, 2020, 20, 33.	1.6	19
29	Dynamic Cluster Formation Game for Attributed Graph Clustering. IEEE Transactions on Cybernetics, 2019, 49, 328-341.	6.2	87
30	Analysis of the Terrorist Organization Alliance Network Based on Complex Network Theory. IEEE Access, 2019, 7, 103854-103862.	2.6	18
31	A new propagation model coupling the offline and online social networks. Nonlinear Dynamics, 2019, 98, 2171-2183.	2.7	13
32	An Effective Algorithm for Optimizing Surprise in Network Community Detection. IEEE Access, 2019, 7, 148814-148827.	2.6	7
33	Link prediction in temporal networks: Integrating survival analysis and game theory. Information Sciences, 2019, 498, 41-61.	4.0	65
34	Detecting Prosumer-Community Groups in Smart Grids From the Multiagent Perspective. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1652-1664.	5.9	134
35	Defectors for high degree with adaptive interactions. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121132.	1.2	3
36	Hierarchical structure in the world's largest high-speed rail network. PLoS ONE, 2019, 14, e0211052.	1.1	14

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37	Multi-scale asynchronous belief percolation model on multiplex networks. New Journal of Physics, 2019, 21, 015005.	1.2	63
38	Identifying multi-scale communities in networks by asymptotic surprise. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 033403.	0.9	16
39	Understanding the network optimization based on the Physarum-inspired model. Physics of Life Reviews, 2019, 29, 29-31.	1.5	1
40	Punishment diminishes the benefits of network reciprocity in social dilemma experiments. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 30-35.	3.3	213
41	Evolving the attribute flow for dynamical clustering in signed networks. Chaos, Solitons and Fractals, 2018, 110, 20-27.	2.5	44
42	Vocational Status, Hukou and Housing Migrants in the New Century: Evidence from a Multi-city Study of Housing Inequality. Social Indicators Research, 2018, 139, 309-325.	1.4	7
43	GLEAM: a graph clustering framework based on potential game optimization for large-scale social networks. Knowledge and Information Systems, 2018, 55, 741-770.	2.1	48
44	A generalized game theoretic framework for mining communities in complex networks. Expert Systems With Applications, 2018, 96, 450-461.	4.4	11
45	Critical analysis of (Quasi-)Surprise for community detection in complex networks. Scientific Reports, 2018, 8, 14459.	1.6	7
46	Predicting disease-related genes by path structure and community structure in protein–protein networks. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 100001.	0.9	21
47	Global vs local modularity for network community detection. PLoS ONE, 2018, 13, e0205284.	1.1	15
48	Enhance the Performance of Network Computation by a Tunable Weighting Strategy. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 214-223.	3.4	83
49	CAMAS: A cluster-aware multiagent system for attributed graph clustering. Information Fusion, 2017, 37, 10-21.	11.7	45
50	Refinement of the community detection performance by weighted relationship coupling. Pramana - Journal of Physics, 2017, 88, 1.	0.9	1
51	Explore of the fuzzy community structure integrating the directed line graph andÂlikelihood optimization. Journal of Intelligent and Fuzzy Systems, 2017, 32, 4503-4511.	0.8	7
52	Community detection based on significance optimization in complex networks. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 053213.	0.9	11
53	Comparing local modularity optimization for detecting communities in networks. International Journal of Modern Physics C, 2017, 28, 1750084.	0.8	9
54	Uncovering the effective interval of resolution parameter across multiple community optimization measures. International Journal of Modern Physics B, 2017, 31, 1750041.	1.0	0

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55	Detecting fuzzy network communities basedÂon semi-supervised label propagation. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2887-2893.	0.8	6
56	Statistical significance across multiple optimization models for community partition. Modern Physics Letters B, 2016, 30, 1650187.	1.0	2
57	Fast and Accurate Mining the Community Structure: Integrating Center Locating and Membership Optimization. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2349-2362.	4.0	152
58	Game theory based emotional evolution analysis for chinese online reviews. Knowledge-Based Systems, 2016, 103, 60-72.	4.0	33
59	Understanding spatial spread of emerging infectious diseases in contemporary populations. Physics of Life Reviews, 2016, 19, 95-97.	1.5	3
60	Scalably revealing the dynamics of soft community structure in complex networks. Journal of Systems Science and Complexity, 2016, 29, 1071-1088.	1.6	7
61	The comparison of significance of fuzzy community partition across optimization methods. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2707-2715.	0.8	2
62	Social significance of community structure: Statistical view. Physical Review E, 2015, 91, 012801.	0.8	109
63	First report of races 2.5 and 2.4.5 of Cladosporium fulvum (syn. Passalora fulva), causal fungus of tomato leaf mold disease in China. Journal of General Plant Pathology, 2015, 81, 162-165.	0.6	14
64	Improved efficient static weighted routing strategy on two-layer complex networks. International Journal of Modern Physics C, 2015, 26, 1550001.	0.8	27
65	Situation analysis of relationship in social networks based on link entropy. Modern Physics Letters B, 2015, 29, 1550061.	1.0	1
66	A novel dynamics combination model reveals the hidden information of community structure. International Journal of Modern Physics C, 2015, 26, 1550043.	0.8	9
67	Semi-supervised community detection using label propagation. International Journal of Modern Physics B, 2014, 28, 1450208.	1.0	34
68	Review on the Applications and the Handling Techniques of Big Data in Chinese Realty Enterprises. Annals of Data Science, 2014, 1, 339-357.	1.7	3
69	Measuring robustness of community structure in complex networks. Europhysics Letters, 2014, 108, 68009.	0.7	59
70	Integrating attributes of nodes solves the community structure partition effectively. Modern Physics Letters B, 2014, 28, 1450037.	1.0	3
71	Method to enhance traffic capacity for two-layer complex networks. Canadian Journal of Physics, 2014, 92, 1599-1605.	0.4	26
72	Predicting the growth of new links by new preferential attachment similarity indices. Pramana - Journal of Physics, 2014, 82, 571-583.	0.9	1

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73	Analysis of stability of community structure across multiple hierarchical levels. Europhysics Letters, 2013, 103, 58002.	0.7	28
74	QUEUE RESOURCE REALLOCATION STRATEGY FOR TRAFFIC SYSTEMS IN SCALE-FREE NETWORK. International Journal of Modern Physics C, 2013, 24, 1350013.	0.8	22
75	A study of inflammation immunization strategy in weighted complex network. , 2013, , .		0
76	Identification of overlapping communities in protein interaction networks using multi-scale local information expansion. , 2012, , .		1
77	FAST ACCURATE COMMUNITY DETECTION BASED ON DYNAMICS PROCESS AND STABILITY OPTIMIZATION. International Journal of Modern Physics B, 2012, 26, 1250189.	1.0	2
78	Potts model based on a Markov process computation solves the community structure problem effectively. Physical Review E, 2012, 86, 016109.	0.8	50
79	UNFOLD SYNCHRONIZATION COMMUNITY STRUCTURE USING MARKOV AND SPECTRAL SIGNATURE. International Journal of Modern Physics B, 2012, 26, 1250171.	1.0	1
80	Community structure detection based on Potts model and network's spectral characterization. Europhysics Letters, 2012, 97, 48005.	0.7	47
81	Identifying overlapping communities in social networks using multi-scale local information expansion. European Physical Journal B, 2012, 85, 1.	0.6	21
82	Weighted tunable clustering in local-world networks with increment behavior. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P11009.	0.9	4
83	Strength distribution of novel local-world networks. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4669-4677.	1.2	9
84	Segregation dynamics driven by network leaders. New Journal of Physics, 0, , .	1.2	3