Hua-Wei Shen

List of Publications by Year
in descending order

70	2,767	393982	253896
papers	citations	19	43
		h-index	g-index

70	70	70	2134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detect overlapping and hierarchical community structure in networks. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 1706-1712.	1.2	626
2	Collective credit allocation in science. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12325-12330.	3.3	155
3	DeepHawkes. , 2017, , .		139
4	Fast density clustering strategies based on the k-means algorithm. Pattern Recognition, 2017, 71, 375-386.	5.1	132
5	StaticGreedy. , 2013, , .		116
6	Popularity prediction in microblogging network. , 2013, , .		99
7	Quantifying and identifying the overlapping community structure in networks. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P07042.	0.9	88
8	Bridgeness: a local index on edge significance in maintaining global connectivity. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P10011.	0.9	76
9	Temporal Knowledge Graph Reasoning Based on Evolutional Representation Learning. , 2021, , .		76
10	IMRank. , 2014, , .		75
11	Spectral methods for the detection of network community structure: a comparative analysis. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P10020.	0.9	70
12	Modeling and Predicting Popularity Dynamics of Microblogs using Self-Excited Hawkes Processes. , 2015, , .		65
13	Cascade Dynamics Modeling with Attention-based Recurrent Neural Network. , 2017, , .		60
14	Exploring social influence via posterior effect of word-of-mouth recommendations. , 2012, , .		59
15	Exploring the structural regularities in networks. Physical Review E, 2011, 84, 056111.	0.8	55
16	Aspect-level opinion mining of online customer reviews. China Communications, 2013, 10, 25-41.	2.0	53
17	Towards early identification of online rumors based on long short-term memory networks. Information Processing and Management, 2019, 56, 1457-1467.	5.4	53
18	Graph Convolutional Networks using Heat Kernel for Semi-supervised Learning. , 2019, , .		53

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19	Cumulative Effect in Information Diffusion: Empirical Study on a Microblogging Network. PLoS ONE, 2013, 8, e76027.	1.1	50
20	Covariance, correlation matrix, and the multiscale community structure of networks. Physical Review E, 2010, 82, 016114.	0.8	46
21	A Non-negative Symmetric Encoder-Decoder Approach for Community Detection. , 2017, , .		46
22	Uncovering the community structure associated with the diffusion dynamics on networks. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P04024.	0.9	42
23	Phase transitions in supercritical explosive percolation. Physical Review E, 2013, 87, 052130.	0.8	37
24	Modeling the clustering in citation networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 3533-3539.	1.2	33
25	A structured approach to query recommendation with social annotation data. , 2010, , .		32
26	Combating emerging financial risks in the big data era: A perspective review. Fundamental Research, 2021, 1, 595-606.	1.6	31
27	Trading Network Predicts Stock Price. Scientific Reports, 2014, 4, 3711.	1.6	29
28	Distinguishing manipulated stocks via trading network analysis. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 3427-3434.	1.2	27
29	Learning sequential features for cascade outbreak prediction. Knowledge and Information Systems, 2018, 57, 721-739.	2.1	26
30	Community Structure of Complex Networks. Springer Theses, 2013, , .	0.0	25
31	Modeling and Predicting Retweeting Dynamics via a Mixture Process. , 2016, , .		23
32	Relative influence maximization in competitive social networks. Science China Information Sciences, 2017, 60, 1.	2.7	22
33	Dynamic node immunization for restraint of harmful information diffusion in social networks. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 640-649.	1.2	18
34	Time Series Anomaly Detection With Adversarial Reconstruction Networks. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4293-4306.	4.0	18
35	Self-learning and embedding based entity alignment. Knowledge and Information Systems, 2019, 59, 361-386.	2.1	14
36	Detecting anomalous traders using multi-slice network analysis. Physica A: Statistical Mechanics and Its Applications, 2017, 473, 1-9.	1.2	13

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37	Modeling the reemergence of information diffusion in social network. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1493-1500.	1.2	13
38	Degree-Strength Correlation Reveals Anomalous Trading Behavior. PLoS ONE, 2012, 7, e45598.	1.1	13
39	An Optimization Model for Clustering Categorical Data Streams with Drifting Concepts. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2871-2883.	4.0	12
40	Anomaly detection in Bitcoin market via price return analysis. PLoS ONE, 2019, 14, e0218341.	1.1	11
41	Temporal scaling in information propagation. Scientific Reports, 2014, 4, 5334.	1.6	10
42	Scientific credit diffusion: Researcher level or paper level?. Scientometrics, 2016, 109, 827-837.	1.6	10
43	A Dimensionality Reduction Framework for Detection of Multiscale Structure in Heterogeneous Networks. Journal of Computer Science and Technology, 2012, 27, 341-357.	0.9	9
44	Detect colluded stock manipulation via clique in trading network. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 565-571.	1.2	9
45	Learning representations for quality estimation of crowdsourced submissions. Information Processing and Management, 2019, 56, 1484-1493.	5.4	8
46	Market Confidence Predicts Stock Price: Beyond Supply and Demand. PLoS ONE, 2016, 11, e0158742.	1.1	8
47	Statistical properties of trading activity in Chinese stock market. Physics Procedia, 2010, 3, 1699-1706.	1.2	7
48	An improvement of the fast uncovering community algorithm. Chinese Physics B, 2013, 22, 108903.	0.7	7
49	Marked Temporal Dynamics Modeling Based on Recurrent Neural Network. Lecture Notes in Computer Science, 2017, , 786-798.	1.0	7
50	Detecting the Overlapping and Hierarchical Community Structure in Networks. Springer Theses, 2013, , 19-44.	0.0	6
51	Response to Comment on â€œQuantifying long-term scientific impactâ€. Science, 2014, 345, 149-149.	6.0	6
52	Detecting overlapping communities in massive networks. Europhysics Letters, 2014, 108, 68001.	0.7	5
53	CT LIS. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-21.	2.5	5
54	The Propagation Background in Social Networks: Simulating and Modeling. International Journal of Automation and Computing, 2020, 17, 353-363.	4.5	5

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55	EagleMine: Vision-guided Micro-clusters recognition and collective anomaly detection. Future Generation Computer Systems, 2021, 115, 236-250.	4.9	4
56	MiSTR: A Multiview Structural-Temporal Learning Framework for Rumor Detection. IEEE Transactions on Big Data, 2022, 8, 1007-1019.	4.4	4
57	h_u-index: a unified index to quantify individuals across disciplines. Scientometrics, 2021, 126, 3209-3226.	1.6	4
58	Learning Concise Representations of Users' Influences through Online Behaviors. , 2017, , .		4
59	Learning diffusion model-free and efficient influence function for influence maximization from information cascades. Knowledge and Information Systems, 2021, 63, 1173-1196.	2.1	3
60	Mention effect in information diffusion on a micro-blogging network. PLoS ONE, 2018, 13, e0194192.	1.1	3
61	An empirical analysis on the behavioral differentia of the "Elite-Civilian" users in Sina microblog. Physica A: Statistical Mechanics and Its Applications, 2020, 539, 122974.	1.2	2
62	SpecGreedy: Unified Dense Subgraph Detection. Lecture Notes in Computer Science, 2021, , 181-197.	1.0	2
63	Community Structure: An Introduction. Springer Theses, 2013, , 1-17.	0.0	2
64	Improve Network Clustering via Diversified Ranking. Lecture Notes in Computer Science, 2015, , 104-115.	1.0	1
65	User Profiling for CSDN: Keyphrase Extraction, User Tagging and User Growth Value Prediction: First-place Entry for User Profiling Technology Evaluation Campaign in SMP Cup 2017. Data Intelligence, 2019, 1, 137-159.	0.8	1
66	Exploratory Analysis of the Structural Regularities in Networks. Springer Theses, 2013, , 93-117.	0.0	1
67	Multiscale Community Detection in Networks with Heterogeneous Degree Distributions. Springer Theses, 2013, , 45-71.	0.0	1
68	The prediction of fluctuation in the order-driven financial market. PLoS ONE, 2021, 16, e0259598.	1.1	1
69	On the Cybernetics of Crowdsourcing Innovation: A Process Model. IEEE Access, 2022, 10, 27255-27269.	2.6	1
70	Community Structure and Diffusion Dynamics on Networks. Springer Theses, 2013, , 73-92.	0.0	0