Hua-Wei Shen

List of Publications by Year in Descending Order

70 papers	1,834 citations	23 h-index	42 g-index
70 ext. papers	2,293 ext. citations	3.4 avg, IF	5.11 L-index

#	Paper	IF	Citations
70	Time Series Anomaly Detection with Adversarial Reconstruction Networks. *IEEE Transactions on Knowledge and Data Engineering*, **2022**, 1-1	4.2	1
69	On the Cybernetics of Crowdsourcing Innovation: A Process Model. *IEEE Access*, **2022**, 10, 27255-27269	3.5	1
68	The prediction of fluctuation in the order-driven financial market. *PLoS ONE*, **2021**, 16, e0259598	3.7	1
67	Temporal Knowledge Graph Reasoning Based on Evolutional Representation Learning **2021**,		10
66	EagleMine: Vision-guided Micro-clusters recognition and collective anomaly detection. *Future Generation Computer Systems*, **2021**, 115, 236-250	7.5	2
65	SpecGreedy: Unified Dense Subgraph Detection. *Lecture Notes in Computer Science*, **2021**, 181-197	0.9	1
64	MiSTR: A Multiview Structural-Temporal Learning Framework for Rumor Detection. *IEEE Transactions on Big Data*, **2021**, 1-1	3.2	
63	(h_u)-index: a unified index to quantify individuals across disciplines. *Scientometrics*, **2021**, 126, 3209-3226	3	0
62	Learning diffusion model-free and efficient influence function for influence maximization from information cascades. *Knowledge and Information Systems*, **2021**, 63, 1173-1196	2.4	0
61	Combating Emerging Financial Risks in the Big Data Era: A Perspective Review. *Fundamental Research*, **2021**, 1, 595-595		7
60	The Propagation Background in Social Networks: Simulating and Modeling. *International Journal of Automation and Computing*, **2020**, 17, 353-363	3.5	3
59	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	3.3	
58	Anomaly detection in Bitcoin market via price return analysis. *PLoS ONE*, **2019**, 14, e0218341	3.7	3
57	Self-learning and embedding based entity alignment. *Knowledge and Information Systems*, **2019**, 59, 361-386	2.4	8
56	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	3	1
55	Graph Convolutional Networks using Heat Kernel for Semi-supervised Learning **2019**,		18
54	CT LIS. *ACM Transactions on Knowledge Discovery From Data*, **2019**, 13, 1-21	4	1

53	Detect colluded stock manipulation via clique in trading network. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 513, 565-571	3.3	7
52	Towards early identification of online rumors based on long short-term memory networks. *Information Processing and Management*, **2019**, 56, 1457-1467	6.3	32
51	Learning representations for quality estimation of crowdsourced submissions. *Information Processing and Management*, **2019**, 56, 1484-1493	6.3	5
50	Learning sequential features for cascade outbreak prediction. *Knowledge and Information Systems*, **2018**, 57, 721-739	2.4	13
49	Dynamic node immunization for restraint of harmful information diffusion in social networks. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 503, 640-649	3.3	9
48	Modeling the reemergence of information diffusion in social network. *Physica A: Statistical Mechanics and Its Applications*, **2018**, 490, 1493-1500	3.3	11
47	Mention effect in information diffusion on a micro-blogging network. *PLoS ONE*, **2018**, 13, e0194192	3.7	2
46	Marked Temporal Dynamics Modeling Based on Recurrent Neural Network. *Lecture Notes in Computer Science*, **2017**, 786-798	0.9	5
45	Detecting anomalous traders using multi-slice network analysis. *Physica A: Statistical Mechanics and Its Applications*, **2017**, 473, 1-9	3.3	8
44	Relative influence maximization in competitive social networks. *Science China Information Sciences*, **2017**, 60, 1	3.4	18
43	A Non-negative Symmetric Encoder-Decoder Approach for Community Detection **2017**,		21
42	DeepHawkes **2017**,		64
41	Fast density clustering strategies based on the k-means algorithm. *Pattern Recognition*, **2017**, 71, 375-386	7.7	79
40	Learning Concise Representations of Users' Influences through Online Behaviors **2017**,		4
39	Cascade Dynamics Modeling with Attention-based Recurrent Neural Network **2017**,		32
38	An Optimization Model for Clustering Categorical Data Streams with Drifting Concepts. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 2871-2883	4.2	11
37	Market Confidence Predicts Stock Price: Beyond Supply and Demand. *PLoS ONE*, **2016**, 11, e0158742	3.7	4
36	Scientific credit diffusion: Researcher level or paper level?. *Scientometrics*, **2016**, 109, 827-837	3	6

35	Modeling and Predicting Retweeting Dynamics via a Mixture Process **2016**,		16
34	Modeling and Predicting Popularity Dynamics of Microblogs using Self-Excited Hawkes Processes **2015**,		43
33	Improve Network Clustering via Diversified Ranking. *Lecture Notes in Computer Science*, **2015**, 104-115	0.9	0
32	Temporal scaling in information propagation. *Scientific Reports*, **2014**, 4, 5334	4.9	8
31	Trading network predicts stock price. *Scientific Reports*, **2014**, 4, 3711	4.9	24
30	Collective credit allocation in science. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 12325-30	11.5	113
29	IMRank **2014**,		47
28	Science communication. Response to Comment on "Quantifying long-term scientific impact". *Science*, **2014**, 345, 149	33.3	3
27	Detecting overlapping communities in massive networks. *Europhysics Letters*, **2014**, 108, 68001	1.6	5
26	Community Structure of Complex Networks. *Springer Theses*, **2013**,	0.1	14
25	Aspect-level opinion mining of online customer reviews. *China Communications*, **2013**, 10, 25-41	3	35
24	StaticGreedy **2013**,		72
23	Detecting the Overlapping and Hierarchical Community Structure in Networks. *Springer Theses*, **2013**, 19-44	0.1	4
22	An improvement of the fast uncovering community algorithm. *Chinese Physics B*, **2013**, 22, 108903	1.2	5
21	Phase transitions in supercritical explosive percolation. *Physical Review E*, **2013**, 87, 052130	2.4	33
20	Popularity prediction in microblogging network **2013**,		65
19	Cumulative effect in information diffusion: empirical study on a microblogging network. *PLoS ONE*, **2013**, 8, e76027	3.7	42
18	Community Structure: An Introduction. *Springer Theses*, **2013**, 1-17	0.1	2

17	Exploratory Analysis of the Structural Regularities in Networks. *Springer Theses*, **2013**, 93-117	0.1	1
16	Community Structure and Diffusion Dynamics on Networks. *Springer Theses*, **2013**, 73-92	0.1	
15	Multiscale Community Detection in Networks with Heterogeneous Degree Distributions. *Springer Theses*, **2013**, 45-71	0.1	
14	Modeling the clustering in citation networks. *Physica A: Statistical Mechanics and Its Applications*, **2012**, 391, 3533-3539	3.3	29
13	A Dimensionality Reduction Framework for Detection of Multiscale Structure in Heterogeneous Networks. *Journal of Computer Science and Technology*, **2012**, 27, 341-357	1.7	7
12	Exploring social influence via posterior effect of word-of-mouth recommendations **2012**,		44
11	Degree-strength correlation reveals anomalous trading behavior. *PLoS ONE*, **2012**, 7, e45598	3.7	13
10	Distinguishing manipulated stocks via trading network analysis. *Physica A: Statistical Mechanics and Its Applications*, **2011**, 390, 3427-3434	3.3	18
9	Exploring the structural regularities in networks. *Physical Review E*, **2011**, 84, 056111	2.4	44
8	A structured approach to query recommendation with social annotation data **2010**,		28
7	Bridgeness: a local index on edge significance in maintaining global connectivity. *Journal of Statistical Mechanics: Theory and Experiment*, **2010**, 2010, P10011	1.9	57
6	Uncovering the community structure associated with the diffusion dynamics on networks. *Journal of Statistical Mechanics: Theory and Experiment*, **2010**, 2010, P04024	1.9	34
5	Covariance, correlation matrix, and the multiscale community structure of networks. *Physical Review E*, **2010**, 82, 016114	2.4	43
4	Spectral methods for the detection of network community structure: a comparative analysis. *Journal of Statistical Mechanics: Theory and Experiment*, **2010**, 2010, P10020	1.9	57
3	Statistical properties of trading activity in Chinese stock market. *Physics Procedia*, **2010**, 3, 1699-1706		6
2	Quantifying and identifying the overlapping community structure in networks. *Journal of Statistical Mechanics: Theory and Experiment*, **2009**, 2009, P07042	1.9	68
1	Detect overlapping and hierarchical community structure in networks. *Physica A: Statistical Mechanics and Its Applications*, **2009**, 388, 1706-1712	3.3	466