Guodong Long

List of Publications by Year
in descending order

65 papers	7,096 citations	430874 18 h-index	345221 36 g-index
68 all docs	68 docs citations	68 times ranked	4315 citing authors

#	Article	IF	Citations
1	A Comprehensive Survey on Graph Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4-24.	11.3	3,922
2	Graph WaveNet for Deep Spatial-Temporal Graph Modeling. , 2019, , .		765
3	Adversarially Regularized Graph Autoencoder for Graph Embedding. , 2018, , .		407
4	Attributed Graph Clustering: A Deep Attentional Embedding Approach. , 2019, , .		213
5	MGAE. , 2017, , .		202
6	Learning Graph Embedding With Adversarial Training Methods. IEEE Transactions on Cybernetics, 2020, 50, 2475-2487.	9.5	172
7	Suicidal Ideation Detection: A Review of Machine Learning Methods and Applications. IEEE Transactions on Computational Social Systems, 2021, 8, 214-226.	4.4	100
8	Supervised Learning for Suicidal Ideation Detection in Online User Content. Complexity, 2018, 2018, 1-10.	1.6	92
9	Optimal Cloud Resource Auto-Scaling for Web Applications. , 2013, , .		81
10	Scaling-Up Item-Based Collaborative Filtering Recommendation Algorithm Based on Hadoop. , 2011, , .		73
11	Diagnosis Code Assignment Using Sparsity-Based Disease Correlation Embedding. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 3191-3202.	5.7	68
12	Federated Learning for Open Banking. Lecture Notes in Computer Science, 2020, , 240-254.	1.3	65
13	Reinforced Self-Attention Network: a Hybrid of Hard and Soft Attention for Sequence Modeling. , 2018, , .		62
14	Learning Private Neural Language Modeling with Attentive Aggregation. , 2019, , .		60
15	Task Sensitive Feature Exploration and Learning for Multitask Graph Classification. IEEE Transactions on Cybernetics, 2017, 47, 744-758.	9.5	55
16	Salient Subsequence Learning for Time Series Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2193-2207.	13.9	55
17	Multi-center federated learning: clients clustering for better personalization. World Wide Web, 2023, 26, 481-500.	4.0	40
18	Online Learning from Trapezoidal Data Streams. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2709-2723.	5.7	38

#	Article	IF	Citations
19	Attribute Propagation Network for Graph Zero-Shot Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4868-4875.	4.9	34
20	Prototype Propagation Networks (PPN) for Weakly-supervised Few-shot Learning on Category Graph. , 2019, , .		34
21	NeuRec: On Nonlinear Transformation for Personalized Ranking. , 2018, , .		33
22	Finding the best not the most: regularized loss minimization subgraph selection for graph classification. Pattern Recognition, 2015, 48, 3783-3796.	8.1	32
23	Deep neighbor-aware embedding for node clustering in attributed graphs. Pattern Recognition, 2022, 122, 108230.	8.1	30
24	Learning Multiple Diagnosis Codes for ICU Patients with Local Disease Correlation Mining. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-21.	3.5	29
25	DAGCN: Dual Attention Graph Convolutional Networks. , 2019, , .		27
26	Multiple graph unsupervised feature selection. Signal Processing, 2016, 120, 754-760.	3.7	25
27	Dynamic Illness Severity Prediction via Multi-task RNNs for Intensive Care Unit. , 2018, , .		24
28	Distributionally Robust Semi-Supervised Learning for People-Centric Sensing. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 3321-3328.	4.9	24
29	Multi-modality Sensor Data Classification with Selective Attention. , 2018, , .		24
30	Federated Learning for Privacy-Preserving Open Innovation Future on Digital Health. , 2022, , 113-133.		24
31	Decentralized Knowledge Acquisition for Mobile Internet Applications. World Wide Web, 2020, 23, 2653-2669.	4.0	22
32	AMRNN: attended multi-task recurrent neural networks for dynamic illness severity prediction. World Wide Web, 2020, 23, 2753-2770.	4.0	19
33	Clustering social audiences in business information networks. Pattern Recognition, 2020, 100, 107126.	8.1	18
34	Temporal Self-Attention Network for Medical Concept Embedding. , 2019, , .		15
35	Measuring Time-Sensitive and Topic-Specific Influence in Social Networks With LSTM and Self-Attention. IEEE Access, 2020, 8, 82481-82492.	4.2	15
36	Global and Local Influence-based Social Recommendation. , 2016, , .		14

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37	Detecting Suicidal Ideation with Data Protection in Online Communities. Lecture Notes in Computer Science, 2019, , 225-229.	1.3	14
38	Cost-Sensitive Parallel Learning Framework for Insurance Intelligence Operation. IEEE Transactions on Industrial Electronics, 2019, 66, 9713-9723.	7.9	14
39	Exploring BCI Control in Smart Environments. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-20.	3.5	13
40	Sequential Diagnosis Prediction with Transformer and Ontological Representation. , 2021, , .		13
41	Towards Mining Trapezoidal Data Streams. , 2015, , .		12
42	Dual influence embedded social recommendation. World Wide Web, 2018, 21, 849-874.	4.0	12
43	Cross-Domain Deep Learning Approach For Multiple Financial Market Prediction. , 2018, , .		9
44	Attentive Dual Embedding for Understanding Medical Concepts in Electronic Health Records. , 2019, , .		9
45	Many-Class Few-Shot Learning on Multi-Granularity Class Hierarchy. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2293-2305.	5.7	9
46	Episodic memory governs choices: An RNN-based reinforcement learning model for decision-making task. Neural Networks, 2021, 134, 1-10.	5.9	8
47	Towards Anomalous Diffusion Sources Detection in a Large Network. ACM Transactions on Internet Technology, 2016, 16, 1-24.	4.4	7
48	Boosting for graph classification with universum. Knowledge and Information Systems, 2017, 50, 53-77.	3.2	7
49	Collective Protection: Preventing Sensitive Inferences via Integrative Transformation. , 2019, , .		7
50	Self-attention Enhanced Patient Journey Understanding in Healthcare System. Lecture Notes in Computer Science, 2021, , 719-735.	1.3	6
51	TraverseNet: Unifying Space and Time in Message Passing for Traffic Forecasting. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 2003-2013.	11.3	6
52	Inferring Latent Network from Cascade Data for Dynamic Social Recommendation. , 2016, , .		5
53	Graph Ladder Networks for Network Classification. , 2017, , .		5
54	Compact representation for large-scale unconstrained video analysis. World Wide Web, 2016, 19, 231-246.	4.0	4

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55	Universal network representation for heterogeneous information networks. , 2017, , .		4
56	Cost-sensitive Hybrid Neural Networks for Heterogeneous and Imbalanced Data. , 2018, , .		3
57	Attentional Gated Res2net for Multivariate Time Series Classification. , 2022, , .		3
58	Evolutionary lazy learning for Naive Bayes classification. , 2016, , .		2
59	Co-clustering enterprise social networks. , 2016, , .		2
60	MHieR-encoder: Modelling the high-frequency changes across stocks. Knowledge-Based Systems, 2021, 224, 107092.	7.1	2
61	Beyond Low-Pass Filtering: Graph Convolutional Networks With Automatic Filtering. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-12.	5.7	2
62	Exploring Heterogeneous Product Networks for Discovering Collective Marketing Hyping Behavior. Lecture Notes in Computer Science, 2016, , 40-51.	1.3	1
63	Graph Based Feature Augmentation for Short and Sparse Text Classification. Lecture Notes in Computer Science, 2013, , 456-467.	1.3	1
64	Cross-Graph: Robust and Unsupervised Embedding for Attributed Graphs with Corrupted Structure. , 2020, , .		1
65	Collective Hyping Detection System for Identifying Online Spam Activities. IEEE Intelligent Systems, 2017, , 1-1.	4.0	0