Wenwu Zhu

List of Publications by Year
in descending order

61 papers	4,766 citations	567247 15 h-index	477281 29 g-index
64 all docs	64 docs citations	64 times ranked	3645 citing authors

#	Article	IF	Citations
1	Structural Deep Network Embedding. , 2016, , .		1,725
2	A Survey on Network Embedding. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 833-852.	5.7	741
3	Deep Learning on Graphs: A Survey. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 249-270.	5.7	552
4	Depression Detection via Harvesting Social Media: A Multimodal Dictionary Learning Solution. , 2017, , .		185
5	Robust Graph Convolutional Networks Against Adversarial Attacks. , 2019, , .		172
6	Arbitrary-Order Proximity Preserved Network Embedding. , 2018, , .		125
7	Understanding Performance of Edge Content Caching for Mobile Video Streaming. IEEE Journal on Selected Areas in Communications, 2017, 35, 1076-1089.	14.0	124
8	Deep Recursive Network Embedding with Regular Equivalence. , 2018, , .		119
9	Social Recommendation with Cross-Domain Transferable Knowledge. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3084-3097.	5.7	100
10	Weakly Semi-Supervised Deep Learning for Multi-Label Image Annotation. IEEE Transactions on Big Data, 2015, 1, 109-122.	6.1	93
11	Deep Variational Network Embedding in Wasserstein Space. , 2018, , .		81
12	Learning Compact Hash Codes for Multimodal Representations Using Orthogonal Deep Structure. IEEE Transactions on Multimedia, 2015, 17, 1404-1416.	7.2	80
13	High-order Proximity Preserved Embedding For Dynamic Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, , 1-1.	5.7	74
14	Video Summarization by Learning Deep Side Semantic Embedding. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 226-237.	8.3	58
15	Billion-Scale Network Embedding with Iterative Random Projection. , 2018, , .		49
16	Comparing apples to oranges. , 2013, , .		46
17	Multimedia Intelligence: When Multimedia Meets Artificial Intelligence. IEEE Transactions on Multimedia, 2020, 22, 1823-1835.	7.2	45
18	Joint online transcoding and geo-distributed delivery for dynamic adaptive streaming. , 2014, , .		39

#	Article	IF	Citations
19	On Energy-Efficient Offloading in Mobile Cloud for Real-Time Video Applications. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 170-181.	8.3	35
20	Hierarchical Taxonomy Aware Network Embedding. , 2018, , .		29
21	AutoNE. , 2019, , .		23
22	Intention-Aware Sequential Recommendation With Structured Intent Transition. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5403-5414.	5.7	22
23	Non-transitive Hashing with Latent Similarity Components. , 2015, , .		21
24	Hierarchical Contextual Attention Recurrent Neural Network for Map Query Suggestion. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1888-1901.	5.7	20
25	Multi-Modal Deep Analysis for Multimedia. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3740-3764.	8.3	20
26	Come-and-Go Patterns of Group Evolution. , 2016, , .		16
27	On Power Law Growth of Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1727-1740.	5.7	16
28	Toward High Mobile GPU Performance Through Collaborative Workload Offloading. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 435-449.	5.6	15
29	Bandwidth Efficient and Rate-Adaptive Video Delivery in TV White Space. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1605-1619.	8.3	13
30	Long Short Memory Process. , 2017, , .		13
31	A Multiscale Survival Process for Modeling Human Activity Patterns. PLoS ONE, 2016, 11, e0151473.	2.5	11
32	Emotionally Representative Image Discovery for Social Events. , 2014, , .		10
33	Understanding Gaming Experience in Mobile Multiplayer Online Battle Arena Games. , 2018, , .		10
34	Eigen-GNN: a Graph Structure Preserving Plug-in for GNNs. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	10
35	Virtual mixer: Real-time audio mixing across clients and the cloud for multiparty conferencing. , 2012, , .		8
36	Find you from your friends: Graph-based residence location prediction for users in social media. , 2014, , .		8

#	Article	IF	Citations
37	ButterFly: Mobile collaborative rendering over GPU workload migration. , 2017, , .		6
38	Measurement-based construction of locality-aware overlay networks. , 2004, , .		5
39	A Survey on Temporal Sentence Grounding in Videos. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-33.	4.3	5
40	A metric of stereoscopic image retargeting quality assessment. , 2015, , .		4
41	Dynamical Origins of Distribution Functions. , 2019, , .		4
42	Sparse representation of texture patches for low bit-rate image compression. , 2012, , .		3
43	User Mapping Strategies in Multi-Cloud Streaming: A Data-Driven Approach. , 2016, , .		3
44	Fates of Microscopic Social Ecosystems. , 2019, , .		3
45	Exploring the collective human behavior in cascading systems: a comprehensive framework. Knowledge and Information Systems, 2020, 62, 4599-4623.	3.2	3
46	Disparity-preserved Deep Cross-platform Association for Cross-platform Video Recommendation. , 2019, , .		3
47	Adversarial Attack Framework on Graph Embedding Models with Limited Knowledge. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	3
48	Thinking like psychologist: Learning to predict personality by using features from portrait and social media. , 2016, , .		2
49	Guest Editorial Multimedia Economics for Future Networks: Theory, Methods, and Applications. IEEE Journal on Selected Areas in Communications, 2019, 37, 1473-1477.	14.0	2
50	Uncovering Pattern Formation of Information Flow. , 2019, , .		2
51	Profit Maximization for Sponsored Data in Wireless Video Transmission Systems. IEEE Transactions on Mobile Computing, 2019, , 1-1.	5.8	2
52	Rethinking Embedded Unsupervised Feature Selection: A Simple Joint Approach. IEEE Transactions on Big Data, 2023, 9, 380-387.	6.1	2
53	DeepLogic: Joint Learning of Neural Perception and Logical Reasoning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-14.	13.9	2
54	Cloud Computing and Dynamic Resource Allocation for Multimedia Applications. International Journal of Digital Multimedia Broadcasting, 2012, 2012, 1-2.	0.6	1

#	Article	IF	Citations
55	Aspect Learning for Multimedia Summarization via Nonparametric Bayesian. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1931-1942.	8.3	1
56	Permutation-equivariant and Proximity-aware Graph Neural Networks with Stochastic Message Passing. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	1
57	Uncovering the Transformation from Non-Follower Retweetors to Followers. , 2018, , .		0
58	Kernel Clustering On Symmetric Positive Definite Manifolds Via Double Approximated Low Rank Representation. , 2020, , .		0
59	Automated Machine Learning for Multimedia. , 2021, , 97-177.		0
60	Meta-Learning. , 2021, , 71-94.		0
61	CFCR: A Convolution and Fusion Model for Cross-platform Recommendation. , 2021, , .		0