

# Maosong Sun

## List of Publications by Year in descending order

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53  
papers

3,500  
citations

949033

11  
h-index

511568

30  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1805  
citing authors

#	ARTICLE	IF	CITATIONS
1	COSINE: Compressive Network Embedding on Large-Scale Information Networks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3655-3668.	4.0	3
2	Data augmentation for low-resource languages NMT guided by constrained sampling. International Journal of Intelligent Systems, 2022, 37, 30-51.	3.3	5
3	Dynamic Multi-Branch Layers for On-Device Neural Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 958-967.	4.0	2
4	A deep-learning system bridging molecule structure and biomedical text with comprehension comparable to human professionals. Nature Communications, 2022, 13, 862.	5.8	23
5	CED: Credible Early Detection of Social Media Rumors. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3035-3047.	4.0	55
6	Country Image in COVID-19 Pandemic: A Case Study of China. IEEE Transactions on Big Data, 2021, 7, 81-92.	4.4	22
7	CokeBERT: Contextual knowledge selection and embedding towards enhanced pre-trained language models. AI Open, 2021, 2, 127-134.	9.1	13
8	Neural Machine Translation With Explicit Phrase Alignment. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1001-1010.	4.0	8
9	CSS-LM: A Contrastive Framework for Semi-Supervised Fine-Tuning of Pre-Trained Language Models. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2930-2941.	4.0	4
10	Knowledge Transfer via Pre-training for Recommendation: A Review and Prospect. Frontiers in Big Data, 2021, 4, 602071.	1.8	15
11	Sememe knowledge computation: a review of recent advances in application and expansion of sememe knowledge bases. Frontiers of Computer Science, 2021, 15, 1.	1.6	6
12	Improving Data Augmentation for Low-Resource NMT Guided by POS-Tagging and Paraphrase Embedding. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-21.	1.3	4
13	Learning to Generate Explainable Plots for Neural Story Generation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 585-593.	4.0	3
14	Topic-sensitive neural headline generation. Science China Information Sciences, 2020, 63, 1.	2.7	4
15	Reinforced Zero-Shot Cross-Lingual Neural Headline Generation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2572-2584.	4.0	3
16	Graph neural networks: A review of methods and applications. AI Open, 2020, 1, 57-81.	9.1	1,973
17	A Unified Framework for Community Detection and Network Representation Learning. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1051-1065.	4.0	78
18	Neural Diffusion Model for Microscopic Cascade Study. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	24

#	ARTICLE	IF	CITATIONS
19	Multi-Round Transfer Learning for Low-Resource NMT Using Multiple High-Resource Languages. ACM Transactions on Asian and Low-Resource Language Information Processing, 2019, 18, 1-26.	1.3	11
20	Bootstrapping Knowledge Graphs From Images and Text. Frontiers in Neurorobotics, 2019, 13, 93.	1.6	4
21	ERNIE: Enhanced Language Representation with Informative Entities. , 2019, , .		610
22	Multi-scale Information Diffusion Prediction with Reinforced Recurrent Networks. , 2019, , .		53
23	Joint POS Tagging and Dependence Parsing With Transition-Based Neural Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1352-1358.	4.0	17
24	Chinese Poetry Generation with a Working Memory Model. , 2018, , .		21
25	Improving Word Representations with Document Labels. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 863-870.	4.0	11
26	Visualizing and Understanding Neural Machine Translation. , 2017, , .		86
27	TransNet: Translation-Based Network Representation Learning for Social Relation Extraction. , 2017, , .		50
28	Image-embodied Knowledge Representation Learning. , 2017, , .		90
29	Joint Training for Pivot-based Neural Machine Translation. , 2017, , .		17
30	Iterative Entity Alignment via Joint Knowledge Embeddings. , 2017, , .		208
31	Listwise Ranking Functions for Statistical Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1464-1472.	4.0	7
32	Estimating translation probabilities for social tag suggestion. Expert Systems With Applications, 2015, 42, 1950-1959.	4.4	6
33	Incorporating Linguistic Knowledge for Learning Distributed Word Representations. PLoS ONE, 2015, 10, e0118437.	1.1	10
34	Quantifying Chinese Happiness via Large-Scale Microblogging Data. , 2014, , .		1
35	Discriminating gender on Chinese microblog: A study of online behaviour, writing style and preferred vocabulary. , 2014, , .		6
36	HMeanMax: Placing HMAX and HoG into a unified framework. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	Portraying user life status from microblogging posts. Tsinghua Science and Technology, 2013, 18, 182-195.	4.1	9
38	Can prior knowledge help graph-based methods for keyword extraction?. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2012, 7, 242.	0.6	0
39	NExT: NUS-Tsinghua Center for Extreme Search of User-Generated Content. IEEE MultiMedia, 2012, 19, 81-87.	1.5	17
40	Particle Mixed Membership Stochastic Block Model. , 2012, , .		0
41	A comparison study of candidate generation for Chinese word segmentation. , 2011, , .		2
42	A computational model of concept generalization in cross-modal reference. Tsinghua Science and Technology, 2011, 16, 113-120.	4.1	0
43	User Behaviors in Related Word Retrieval and New Word Detection. ACM Transactions on Asian Language Information Processing, 2011, 10, 1-26.	0.8	2
44	Tag Allocation Model: Model Noisy Social Annotations by Reason Finding. , 2010, , .		1
45	Modeling Social Annotations via Latent Reason Identification. IEEE Intelligent Systems, 2010, 25, 42-49.	4.0	3
46	Non-Independent term selection for Chinese text categorization. Tsinghua Science and Technology, 2009, 14, 113-120.	4.1	2
47	A statistical method for Uygur tokenization. , 2009, , .		2
48	Multi-modal Multi-label Semantic Indexing of Images Using Unlabeled Data. , 2008, , .		2
49	Full-reference quality diagnosis for video summary. , 2008, , .		0
50	Text Classification Based on Transfer Learning and Self-Training. , 2008, , .		2
51	A New Transductive Support Vector Machine Approach to Text Categorization. , 0, , .		4
52	Automatic Content Based Title Extraction for Chinese Documents Using Support Vector Machine. , 0, , .		1
53	Sentence Difficulty Evaluation for a Learner's Dictionary. , 0, , .		0