Bo Xu

List of Publications by Year in Descending Order

59 papers	1,125 citations	12 h-index	33 g-index
67 ext. papers	1,703 ext. citations	3.8 avg, IF	4.7 L-index

#	Paper	IF	Citations
59	Dual constraints and adversarial learning for fair recommenders. *Knowledge-Based Systems*, **2022**, 239, 108058	7.3	1
58	Spider Taylor-ChOA: Optimized Deep Learning Based Sentiment Classification for Review Rating Prediction. *Applied Sciences (Switzerland)*, **2022**, 12, 3211	2.6	0
57	Taylor-ChOA: Taylor-Chimp Optimized Random Multimodal Deep Learning-Based Sentiment Classification Model for Course Recommendation. *Mathematics*, **2022**, 10, 1354	2.3	1
56	Perceived individual fairness with a molecular representation for medicine recommendations. *Knowledge-Based Systems*, **2022**, 108755	7.3	
55	Learning to capture contrast in sarcasm with contextual dual-view attention network. *International Journal of Machine Learning and Cybernetics*, **2021**, 12, 2607-2615	3.8	1
54	Depression Detection on Reddit With an Emotion-Based Attention Network: Algorithm Development and Validation. *JMIR Medical Informatics*, **2021**, 9, e28754	3.6	2
53	ABML: attention-based multi-task learning for jointly humor recognition and pun detection. *Soft Computing*, **2021**, 25, 14109	3.5	0
52	A network representation approach for COVID-19 drug recommendation. *Methods*, **2021**, 198, 3-3	4.6	3
51	Two-stage supervised ranking for emotion cause extraction. *Knowledge-Based Systems*, **2021**, 228, 107225	7.3	1
50	SC-Political ResNet: Hashtag Recommendation from Tweets Using Hybrid Optimization-Based Deep Residual Network. *Information (Switzerland)*, **2021**, 12, 389	2.6	0
49	Adversarial neural network with sentiment-aware attention for detecting adverse drug reactions. *Journal of Biomedical Informatics*, **2021**, 123, 103896	10.2	0
48	Knowledge-enhanced recommendation using item embedding and path attention. *Knowledge-Based Systems*, **2021**, 233, 107484	7.3	1
47	Detection of Suicide Ideation in Social Media Forums Using Deep Learning. *Algorithms*, **2020**, 13, 7	1.8	34
46	Sarcasm Detection with Sentiment Semantics Enhanced Multi-level Memory Network. *Neurocomputing*, **2020**, 401, 320-326	5.4	15
45	Multi-Element Hierarchical Attention Capsule Network for Stock Prediction. *IEEE Access*, **2020**, 8, 143114-143123	3.5	3
44	Discriminative globality-locality preserving extreme learning machine for image classification. *Neurocomputing*, **2020**, 387, 13-21	5.4	3
43	Integrating social annotations into topic models for personalized document retrieval. *Soft Computing*, **2020**, 24, 1707-1716	3.5	8

42	Multi-granularity bidirectional attention stream machine comprehension method for emotion cause extraction. *Neural Computing and Applications*, **2020**, 32, 8401-8413	4.8	1
41	Adverse drug reaction detection via a multihop self-attention mechanism. *BMC Bioinformatics*, **2019**, 20, 479	3.6	9
40	Improving User Attribute Classification with Text and Social Network Attention. *Cognitive Computation*, **2019**, 11, 459-468	4.4	12
39	FGFIREM: A feature generation framework based on information retrieval evaluation measures. *Expert Systems With Applications*, **2019**, 133, 75-85	7.8	1
38	Incorporating query constraints for autoencoder enhanced ranking. *Neurocomputing*, **2019**, 356, 142-150	5.4	2
37	Extracting Emotion Causes Using Learning to Rank Methods From an Information Retrieval Perspective. *IEEE Access*, **2019**, 7, 15573-15583	3.5	13
36	Detection of Depression-Related Posts in Reddit Social Media Forum. *IEEE Access*, **2019**, 7, 44883-44893	3.5	64
35	A hybrid deep neural network model for query intent classification. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 6413-6423	1.6	1
34	A supervised term ranking model for diversity enhanced biomedical information retrieval. *BMC Bioinformatics*, **2019**, 20, 590	3.6	4
33	Learning to rank using multiple loss functions. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 485-494	3.8	1
32	Improve Biomedical Information Retrieval Using Modified Learning to Rank Methods. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2018**, 15, 1797-1809	3	7
31	An effective neural model extracting document level chemical-induced disease relations from biomedical literature. *Journal of Biomedical Informatics*, **2018**, 83, 1-9	10.2	20
30	Stock Market Trend Prediction Using Recurrent Convolutional Neural Networks. *Lecture Notes in Computer Science*, **2018**, 166-177	0.9	9
29	WECA: A WordNet-Encoded Collocation-Attention Network for Homographic Pun Recognition **2018**,		7
28	Learning to Refine Expansion Terms for Biomedical Information Retrieval using Semantic Resources. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2018**,	3	7
27	A document level neural model integrated domain knowledge for chemical-induced disease relations. *BMC Bioinformatics*, **2018**, 19, 328	3.6	7
26	Improving Pseudo-Relevance Feedback With Neural Network-Based Word Representations. *IEEE Access*, **2018**, 6, 62152-62165	3.5	3
25	Personality Predictions Based on User Behavior on the Facebook Social Media Platform. *IEEE Access*, **2018**, 6, 61959-61969	3.5	38

24	Tripartite-Replicated Softmax Model for Document Representations. *Lecture Notes in Computer Science*, **2017**, 109-121	0.9	
23	Learning to Rank with Query-level Semi-supervised Autoencoders **2017**,		2
22	Social Annotation for Query Expansion Learning from Multiple Expansion Strategies. *Communications in Computer and Information Science*, **2017**, 181-192	0.3	1
21	Detecting Potential Adverse Drug Reactions Using Association Rules and Embedding Models. *Lecture Notes in Computer Science*, **2017**, 373-378	0.9	1
20	Semantic expansion using word embedding clustering and convolutional neural network for improving short text classification. *Neurocomputing*, **2016**, 174, 806-814	5.4	180
19	Patent Retrieval Based on Multiple Information Resources. *Lecture Notes in Computer Science*, **2016** , 125-137	0.9	2
18	Generating User-oriented Text Summarization Based on Social Networks Using Topic Models. *Communications in Computer and Information Science*, **2016**, 186-193	0.3	
17	Improving biomedical information retrieval by linear combinations of different query expansion techniques. *BMC Bioinformatics*, **2016**, 17 Suppl 7, 238	3.6	15
16	Assessment of learning to rank methods for query expansion. *Journal of the Association for Information Science and Technology*, **2016**, 67, 1345-1357	2.7	11
15	A graph kernel based on context vectors for extracting drug-drug interactions. *Journal of Biomedical Informatics*, **2016**, 61, 34-43	10.2	28
14	Attention-Based Bidirectional Long Short-Term Memory Networks for Relation Classification **2016**,		556
13	Detecting Potential Adverse Drug Reactions from Health-Related Social Networks. *Lecture Notes in Computer Science*, **2016**, 523-530	0.9	1
12	Learning to Rank with Likelihood Loss Functions. *Lecture Notes in Computer Science*, **2016**, 329-334	0.9	
11	Predicting Best Answerers for New Questions: An Approach Leveraging Distributed Representations of Words in Community Question Answering **2015**,		8
10	Learning to rank for biomedical information retrieval **2015**,		1
9	Integrating multiple biomedical resources for protein complex prediction **2013**,		2
8	Protein complex identification by integrating protein-protein interaction evidence from multiple sources. *PLoS ONE*, **2013**, 8, e83841	3.7	9
7	A Time-Sensitive Model for Microblog Retrieval. *Communications in Computer and Information Science*, **2013**, 402-409	0.3	1

6	Ontology integration to identify protein complex in protein interaction networks. *Proteome Science* , **2011**, 9 Suppl 1, S7	2.6	15
5	Ontology integration to identify protein complex in protein interaction networks **2010**,		2
4	Study on question answering system for biomedical domain **2009**,		1
3	Computational personality: a survey. *Soft Computing*,1	3.5	1
2	An attention network via pronunciation, lexicon and syntax for humor recognition. *Applied Intelligence*,1	4.9	0
1	Cognitive Knowledge-aware Social Recommendation via Group-enhanced Ranking Model. *Cognitive Computation*,1	4.4	1