

# Hongfei Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

2,068  
citations

361413

20  
h-index

276875

41  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1464  
citing authors

#	ARTICLE	IF	CITATIONS
1	An attention-based BiLSTM-CRF approach to document-level chemical named entity recognition. <i>Bioinformatics</i> , 2018, 34, 1381-1388.	4.1	277
2	Detection of Depression-Related Posts in Reddit Social Media Forum. <i>IEEE Access</i> , 2019, 7, 44883-44893.	4.2	221
3	Drug drug interaction extraction from biomedical literature using syntax convolutional neural network. <i>Bioinformatics</i> , 2016, 32, 3444-3453.	4.1	175
4	Drug-drug interaction extraction via hierarchical RNNs on sequence and shortest dependency paths. <i>Bioinformatics</i> , 2018, 34, 828-835.	4.1	120
5	A hybrid model based on neural networks for biomedical relation extraction. <i>Journal of Biomedical Informatics</i> , 2018, 81, 83-92.	4.3	97
6	Neural network-based approaches for biomedical relation classification: A review. <i>Journal of Biomedical Informatics</i> , 2019, 99, 103294.	4.3	71
7	An attention-based effective neural model for drug-drug interactions extraction. <i>BMC Bioinformatics</i> , 2017, 18, 445.	2.6	69
8	A neural network-based joint learning approach for biomedical entity and relation extraction from biomedical literature. <i>Journal of Biomedical Informatics</i> , 2020, 103, 103384.	4.3	56
9	Multiple kernel learning in protein-protein interaction extraction from biomedical literature. <i>Artificial Intelligence in Medicine</i> , 2011, 51, 163-173.	6.5	42
10	Sarcasm Detection with Sentiment Semantics Enhanced Multi-level Memory Network. <i>Neurocomputing</i> , 2020, 401, 320-326.	5.9	42
11	A graph kernel based on context vectors for extracting drug-drug interactions. <i>Journal of Biomedical Informatics</i> , 2016, 61, 34-43.	4.3	38
12	Social annotation in query expansion. , 2011, , .		36
13	Finding a good query-related topic for boosting pseudo-relevance feedback. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 748-760.	2.6	32
14	An effective neural model extracting document level chemical-induced disease relations from biomedical literature. <i>Journal of Biomedical Informatics</i> , 2018, 83, 1-9.	4.3	30
15	Convolutional neural networks for expert recommendation in community question answering. <i>Science China Information Sciences</i> , 2017, 60, 1.	4.3	28
16	Chemical-protein interaction extraction via Gaussian probability distribution and external biomedical knowledge. <i>Bioinformatics</i> , 2020, 36, 4323-4330.	4.1	28
17	Sentiment Analysis With Comparison Enhanced Deep Neural Network. <i>IEEE Access</i> , 2020, 8, 78378-78384.	4.2	28
18	Depression Detection on Reddit With an Emotion-Based Attention Network: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2021, 9, e28754.	2.6	28

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19	Biomedical event trigger detection based on convolutional neural network. International Journal of Data Mining and Bioinformatics, 2016, 15, 195.	0.1	27
20	A multiple distributed representation method based on neural network for biomedical event extraction. BMC Medical Informatics and Decision Making, 2017, 17, 171.	3.0	24
21	A Single Kernel-Based Approach to Extract Drug-Drug Interactions from Biomedical Literature. PLoS ONE, 2012, 7, e48901.	2.5	22
22	Improving User Attribute Classification with Text and Social Network Attention. Cognitive Computation, 2019, 11, 459-468.	5.2	21
23	A multi-view network for real-time emotion recognition in conversations. Knowledge-Based Systems, 2022, 236, 107751.	7.1	21
24	Extracting drug-drug interactions with hybrid bidirectional gated recurrent unit and graph convolutional network. Journal of Biomedical Informatics, 2019, 99, 103295.	4.3	20
25	Multi-Element Hierarchical Attention Capsule Network for Stock Prediction. IEEE Access, 2020, 8, 143114-143123.	4.2	20
26	Biomedical event trigger detection by dependency-based word embedding. BMC Medical Genomics, 2016, 9, 45.	1.5	18
27	Adverse drug reaction detection via a multihop self-attention mechanism. BMC Bioinformatics, 2019, 20, 479.	2.6	18
28	A Multi-Dimension Question Answering Network for Sarcasm Detection. IEEE Access, 2020, 8, 135152-135161.	4.2	18
29	Exploiting adversarial transfer learning for adverse drug reaction detection from texts. Journal of Biomedical Informatics, 2020, 106, 103431.	4.3	18
30	HAN-ReGRU: hierarchical attention network with residual gated recurrent unit for emotion recognition in conversation. Neural Computing and Applications, 2021, 33, 2685-2703.	5.6	18
31	Hash Subgraph Pairwise Kernel for Protein-Protein Interaction Extraction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1190-1202.	3.0	17
32	Assessment of learning to rank methods for query expansion. Journal of the Association for Information Science and Technology, 2016, 67, 1345-1357.	2.9	17
33	Detection and Extraction of Hot Topics on Chinese Microblogs. Cognitive Computation, 2016, 8, 577-586.	5.2	16
34	Document-Level Biomedical Relation Extraction Using Graph Convolutional Network and Multihead Attention: Algorithm Development and Validation. JMIR Medical Informatics, 2020, 8, e17638.	2.6	15
35	Humor detection via an internal and external neural network. Neurocomputing, 2020, 394, 105-111.	5.9	14
36	Interactive Self-Attentive Siamese Network for Biomedical Sentence Similarity. IEEE Access, 2020, 8, 84093-84104.	4.2	14

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37	A social network model driven by events and interests. Expert Systems With Applications, 2015, 42, 4229-4238.	7.6	13
38	Improve Biomedical Information Retrieval Using Modified Learning to Rank Methods. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1797-1809.	3.0	13
39	Learning to Refine Expansion Terms for Biomedical Information Retrieval Using Semantic Resources. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 954-966.	3.0	13
40	Integrating social annotations into topic models for personalized document retrieval. Soft Computing, 2020, 24, 1707-1716.	3.6	13
41	Hyperspectral image classification with discriminative manifold broad learning system. Neurocomputing, 2021, 442, 236-248.	5.9	13
42	Dual constraints and adversarial learning for fair recommenders. Knowledge-Based Systems, 2022, 239, 108058.	7.1	13
43	Identifying adverse drug reaction entities from social media with adversarial transfer learning model. Neurocomputing, 2021, 453, 254-262.	5.9	11
44	A Graph Convolutional Network-Based Method for Chemical-Protein Interaction Extraction: Algorithm Development. JMIR Medical Informatics, 2020, 8, e17643.	2.6	11
45	Learning to rank with groups. , 2010, , .		10
46	Mining a multilingual association dictionary from <sc>W</sc>ikipedia for cross-language information retrieval. Journal of the Association for Information Science and Technology, 2012, 63, 2474-2487.	2.6	10
47	Exploiting sequence labeling framework to extract document-level relations from biomedical texts. BMC Bioinformatics, 2020, 21, 125.	2.6	10
48	A document level neural model integrated domain knowledge for chemical-induced disease relations. BMC Bioinformatics, 2018, 19, 328.	2.6	9
49	Biomedical event trigger detection with convolutional highway neural network and extreme learning machine. Applied Soft Computing Journal, 2019, 84, 105661.	7.2	9
50	Detecting adverse drug reactions from social media based on multi-channel convolutional neural networks. Neural Computing and Applications, 2019, 31, 4799-4808.	5.6	9
51	An Effective Emotional Expression and Knowledge-Enhanced Method for Detecting Adverse Drug Reactions. IEEE Access, 2020, 8, 87083-87093.	4.2	9
52	WECA: A WordNet-Encoded Collocation-Attention Network for Homographic Pun Recognition. , 2018, , .		9
53	Mitigating sensitive data exposure with adversarial learning for fairness recommendation systems. Neural Computing and Applications, 2022, 34, 18097-18111.	5.6	9
54	A supervised term ranking model for diversity enhanced biomedical information retrieval. BMC Bioinformatics, 2019, 20, 590.	2.6	8

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55	How we collaborate: characterizing, modeling and predicting scientific collaborations. <i>Scientometrics</i> , 2015, 104, 43-60.	3.0	7
56	A network representation approach for COVID-19 drug recommendation. <i>Methods</i> , 2022, 198, 3-10.	3.8	7
57	A graph-based approach to mining multilingual word associations from wikipedia. , 2009, , .		7
58	Heterogeneous information network embedding based on multiperspective metapath for question routing. <i>Knowledge-Based Systems</i> , 2022, 240, 107842.	7.1	7
59	Incorporating User Generated Content for Drug Drug Interaction Extraction Based on Full Attention Mechanism. <i>IEEE Transactions on Nanobioscience</i> , 2019, 18, 360-367.	3.3	6
60	Heterographic Pun Recognition via Pronunciation and Spelling Understanding Gated Attention Network. , 2019, , .		6
61	Adversarial neural network with sentiment-aware attention for detecting adverse drug reactions. <i>Journal of Biomedical Informatics</i> , 2021, 123, 103896.	4.3	6
62	DocR-BERT: Document-Level R-BERT for Chemical-Induced Disease Relation Extraction via Gaussian Probability Distribution. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1341-1352.	6.3	6
63	Learning to rank using smoothing methods for language modeling. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 818-828.	2.6	5
64	Learning to rank using multiple loss functions. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 485-494.	3.6	5
65	Learning to capture contrast in sarcasm with contextual dual-view attention network. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 2607-2615.	3.6	5
66	Two-stage supervised ranking for emotion cause extraction. <i>Knowledge-Based Systems</i> , 2021, 228, 107225.	7.1	5
67	Exploring Social Annotation Tags to Enhance Information Retrieval Performance. <i>Lecture Notes in Computer Science</i> , 2010, , 255-266.	1.3	4
68	Group-enhanced ranking. <i>Neurocomputing</i> , 2015, 150, 99-105.	5.9	4
69	Homographic Puns Recognition Based on Latent Semantic Structures. <i>Lecture Notes in Computer Science</i> , 2018, , 565-576.	1.3	4
70	Adversarial transfer network with bilinear attention for the detection of adverse drug reactions from social media. <i>Applied Soft Computing Journal</i> , 2021, 106, 107358.	7.2	4
71	Cognitive Knowledge-aware Social Recommendation via Group-enhanced Ranking Model. <i>Cognitive Computation</i> , 2022, 14, 1055-1067.	5.2	4
72	Self-supervised learning for fair recommender systems. <i>Applied Soft Computing Journal</i> , 2022, 125, 109126.	7.2	4

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73	Hierarchical matching network for multi-turn response selection in retrieval-based chatbots. Soft Computing, 2021, 25, 9609-9624.	3.6	3
74	An attention network via pronunciation, lexicon and syntax for humor recognition. Applied Intelligence, 2022, 52, 2690-2702.	5.3	3
75	ABML: attention-based multi-task learning for jointly humor recognition and pun detection. Soft Computing, 2021, 25, 14109.	3.6	3
76	SC-Political ResNet: Hashtag Recommendation from Tweets Using Hybrid Optimization-Based Deep Residual Network. Information (Switzerland), 2021, 12, 389.	2.9	3
77	Self-Supervised Learning with Heterogeneous Graph Neural Network for COVID-19 Drug Recommendation. , 2021, , .		3
78	Global and local interaction matching model for knowledge-grounded response selection in retrieval-based chatbots. Neurocomputing, 2022, 497, 39-49.	5.9	3
79	Homographic pun location using multi-dimensional semantic relationships. Soft Computing, 2020, 24, 12163-12173.	3.6	2
80	Multi-hop interactive attention based classification network for expert recommendation. Neurocomputing, 2022, 488, 436-443.	5.9	2
81	FGFIREM: A feature generation framework based on information retrieval evaluation measures. Expert Systems With Applications, 2019, 133, 75-85.	7.6	1
82	Perceived individual fairness with a molecular representation for medicine recommendations. Knowledge-Based Systems, 2022, , 108755.	7.1	1
83	A Novel Orthogonal Extreme Learning Machine for Regression and Classification Problems. Symmetry, 2019, 11, 1284.	2.2	0
84	TL-BERT: A Novel Biomedical Relation Extraction Approach. , 2021, , .		0