

# Robert Leaman

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

3,687  
citations

304743

22  
h-index

477307

29  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2909  
citing authors

#	ARTICLE	IF	CITATIONS
1	NLM-Chem, a new resource for chemical entity recognition in PubMed full text literature. <i>Scientific Data</i> , 2021, 8, 91.	5.3	26
2	Artificial Intelligence in Action: Addressing the COVID-19 Pandemic with Natural Language Processing. <i>Annual Review of Biomedical Data Science</i> , 2021, 4, 313-339.	6.5	38
3	Ten tips for a text-mining-ready article: How to improve automated discoverability and interpretability. <i>PLoS Biology</i> , 2020, 18, e3000716.	5.6	10
4	A Comprehensive Dictionary and Term Variation Analysis for COVID-19 and SARS-CoV-2. , 2020, , .		4
5	A Text-Mining System for Concept Annotation in Biomedical Full Text Articles. , 2019, , .		1
6	Biomedical Mention Disambiguation using a Deep Learning Approach. , 2019, , .		9
7	PubTator central: automated concept annotation for biomedical full text articles. <i>Nucleic Acids Research</i> , 2019, 47, W587-W593.	14.5	248
8	How user intelligence is improving PubMed. <i>Nature Biotechnology</i> , 2018, 36, 937-945.	17.5	46
9	ezTag: tagging biomedical concepts via interactive learning. <i>Nucleic Acids Research</i> , 2018, 46, W523-W529.	14.5	27
10	PSB 2019 Workshop on Text Mining and Visualization for Precision Medicine. , 2018, , .		0
11	BioCreative V CDR task corpus: a resource for chemical disease relation extraction. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw068.	3.0	350
12	Assessing the state of the art in biomedical relation extraction: overview of the BioCreative V chemical-disease relation (CDR) task. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, .	3.0	123
13	TaggerOne: joint named entity recognition and normalization with semi-Markov Models. <i>Bioinformatics</i> , 2016, 32, 2839-2846.	4.1	221
14	Mining chemical patents with an ensemble of open systems. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw065.	3.0	12
15	Crowdsourcing in biomedicine: challenges and opportunities. <i>Briefings in Bioinformatics</i> , 2016, 17, 23-32.	6.5	82
16	Beyond accuracy: creating interoperable and scalable text-mining web services. <i>Bioinformatics</i> , 2016, 32, 1907-1910.	4.1	37
17	Pressing needs of biomedical text mining in biocuration and beyond: opportunities and challenges. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw161.	3.0	30
18	The CHEMDNER corpus of chemicals and drugs and its annotation principles. <i>Journal of Cheminformatics</i> , 2015, 7, S2.	6.1	166

#	ARTICLE	IF	CITATIONS
19	tmChem: a high performance approach for chemical named entity recognition and normalization. Journal of Cheminformatics, 2015, 7, S3.	6.1	203
20	Challenges in clinical natural language processing for automated disorder normalization. Journal of Biomedical Informatics, 2015, 57, 28-37.	4.3	125
21	SimConcept: A Hybrid Approach for Simplifying Composite Named Entities in Biomedical Text. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1385-1391.	6.3	18
22	Crowdsourcing and mining crowd data. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2015, , 267-9.	0.7	2
23	SimConcept. , 2014, 2014, 138-146.		13
24	tmBioC: improving interoperability of text-mining tools with BioC. Database: the Journal of Biological Databases and Curation, 2014, 2014, .	3.0	8
25	Disease named entity recognition and normalization with DNorm. , 2014, , .		3
26	NCBI disease corpus: A resource for disease name recognition and concept normalization. Journal of Biomedical Informatics, 2014, 47, 1-10.	4.3	525
27	CROWDSOURCING AND MINING CROWD DATA. , 2014, , .		3
28	Accessing Biomedical Literature in the Current Information Landscape. Methods in Molecular Biology, 2014, 1159, 11-31.	0.9	32
29	DNorm: disease name normalization with pairwise learning to rank. Bioinformatics, 2013, 29, 2909-2917.	4.1	436
30	A SNPshot of PubMed to associate genetic variants with drugs, diseases, and adverse reactions. Journal of Biomedical Informatics, 2012, 45, 842-850.	4.3	46
31	TEXT AND DATA MINING FOR BIOMEDICAL DISCOVERY. , 2012, , .		2
32	The DIEGO Lab Graph Based Gene Normalization System. , 2011, , .		1
33	The Protein-Protein Interaction tasks of BioCreative III: classification/ranking of articles and linking bio-ontology concepts to full text. BMC Bioinformatics, 2011, 12, S3.	2.6	121
34	Efficient Extraction of Protein-Protein Interactions from Full-Text Articles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2010, 7, 481-494.	3.0	28
35	A Distributional Semantics Approach to Simultaneous Recognition of Multiple Classes of Named Entities. Lecture Notes in Computer Science, 2010, , 224-235.	1.3	5
36	Overview of BioCreative II gene normalization. Genome Biology, 2008, 9, S3.	9.6	237

#	ARTICLE	IF	CITATIONS
37	Inter-species normalization of gene mentions with GNAT. Bioinformatics, 2008, 24, i126-i132.	4.1	90
38	BANNER: an executable survey of advances in biomedical named entity recognition. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2008, , 652-63.	0.7	169
39	BANNER: AN EXECUTABLE SURVEY OF ADVANCES IN BIOMEDICAL NAMED ENTITY RECOGNITION. , 2007, , .		190