Robert Leaman

List of Publications by Year
in descending order

39 papers	3,687 citations	304602 22 h-index	477173 29 g-index
39 all docs	39 docs citations	39 times ranked	2909 citing authors

#	Article	IF	Citations
1	NCBI disease corpus: A resource for disease name recognition and concept normalization. Journal of Biomedical Informatics, 2014, 47, 1-10.	2.5	525
2	DNorm: disease name normalization with pairwise learning to rank. Bioinformatics, 2013, 29, 2909-2917.	1.8	436
3	BioCreative V CDR task corpus: a resource for chemical disease relation extraction. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw068.	1.4	350
4	PubTator central: automated concept annotation for biomedical full text articles. Nucleic Acids Research, 2019, 47, W587-W593.	6.5	248
5	Overview of BioCreative II gene normalization. Genome Biology, 2008, 9, S3.	13.9	237
6	TaggerOne: joint named entity recognition and normalization with semi-Markov Models. Bioinformatics, 2016, 32, 2839-2846.	1.8	221
7	tmChem: a high performance approach for chemical named entity recognition and normalization. Journal of Cheminformatics, 2015, 7, S3.	2.8	203
8	BANNER: AN EXECUTABLE SURVEY OF ADVANCES IN BIOMEDICAL NAMED ENTITY RECOGNITION. , 2007, , .		190
9	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
10	The CHEMDNER corpus of chemicals and drugs and its annotation principles. Journal of Cheminformatics, 2015, 7, S2.	2.8	166
11	Challenges in clinical natural language processing for automated disorder normalization. Journal of Biomedical Informatics, 2015, 57, 28-37.	2.5	125
12	Assessing the state of the art in biomedical relation extraction: overview of the BioCreative V chemical-disease relation (CDR) task. Database: the Journal of Biological Databases and Curation, 2016, 2016, .	1.4	123
13	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.	1.2	121
14	Inter-species normalization of gene mentions with GNAT. Bioinformatics, 2008, 24, i126-i132.	1.8	90
15	Crowdsourcing in biomedicine: challenges and opportunities. Briefings in Bioinformatics, 2016, 17, 23-32.	3.2	82
16	A SNPshot of PubMed to associate genetic variants with drugs, diseases, and adverse reactions. Journal of Biomedical Informatics, 2012, 45, 842-850.	2.5	46
17	How user intelligence is improving PubMed. Nature Biotechnology, 2018, 36, 937-945.	9.4	46
18	Artificial Intelligence in Action: Addressing the COVID-19 Pandemic with Natural Language Processing. Annual Review of Biomedical Data Science, 2021, 4, 313-339.	2.8	38

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19	Beyond accuracy: creating interoperable and scalable text-mining web services. Bioinformatics, 2016, 32, 1907-1910.	1.8	37
20	Accessing Biomedical Literature in the Current Information Landscape. Methods in Molecular Biology, 2014, 1159, 11-31.	0.4	32
21	Pressing needs of biomedical text mining in biocuration and beyond: opportunities and challenges. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw161.	1.4	30
22	Efficient Extraction of Protein-Protein Interactions from Full-Text Articles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2010, 7, 481-494.	1.9	28
23	ezTag: tagging biomedical concepts via interactive learning. Nucleic Acids Research, 2018, 46, W523-W529.	6.5	27
24	NLM-Chem, a new resource for chemical entity recognition in PubMed full text literature. Scientific Data, 2021, 8, 91.	2.4	26
25	SimConcept: A Hybrid Approach for Simplifying Composite Named Entities in Biomedical Text. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1385-1391.	3.9	18
26	SimConcept. , 2014, 2014, 138-146.		13
27	Mining chemical patents with an ensemble of open systems. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw065.	1.4	12
28	Ten tips for a text-mining-ready article: How to improve automated discoverability and interpretability. PLoS Biology, 2020, 18, e3000716.	2.6	10
29	Biomedical Mention Disambiguation using a Deep Learning Approach. , 2019, , .		9
30	tmBioC: improving interoperability of text-mining tools with BioC. Database: the Journal of Biological Databases and Curation, 2014, 2014, .	1.4	8
31	A Distributional Semantics Approach to Simultaneous Recognition of Multiple Classes of Named Entities. Lecture Notes in Computer Science, 2010, , 224-235.	1.0	5
32	A Comprehensive Dictionary and Term Variation Analysis for COVID-19 and SARS-CoV-2. , 2020, , .		4
33	Disease named entity recognition and normalization with DNorm. , 2014, , .		3
34	CROWDSOURCING AND MINING CROWD DATA. , 2014, , .		3
35	TEXT AND DATA MINING FOR BIOMEDICAL DISCOVERY. , 2012, , .		2
36	Crowdsourcing and mining crowd data. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2015, , 267-9.	0.7	2

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37	The DIEGO Lab Graph Based Gene Normalization System. , 2011, , .		1
38	A Text-Mining System for Concept Annotation in Biomedical Full Text Articles. , 2019, , .		1
39	PSB 2019 Workshop on Text Mining and Visualization for Precision Medicine. , 2018, , .		0