# Robert Leaman

List of Publications by Year
in descending order

| 39 papers | 3,687 citations | 22 h-index 304743 | 29 g-index 477307 |
|---|---|---|---|
| 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. | 4.3 | 525 |
| 2 | DNorm: disease name normalization with pairwise learning to rank. Bioinformatics, 2013, 29, 2909-2917. | 4.1 | 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. | 3.0 | 350 |
| 4 | PubTator central: automated concept annotation for biomedical full text articles. Nucleic Acids Research, 2019, 47, W587-W593. | 14.5 | 248 |
| 5 | Overview of BioCreative II gene normalization. Genome Biology, 2008, 9, S3. | 9.6 | 237 |
| 6 | TaggerOne: joint named entity recognition and normalization with semi-Markov Models. Bioinformatics, 2016, 32, 2839-2846. | 4.1 | 221 |
| 7 | tmChem: a high performance approach for chemical named entity recognition and normalization. Journal of Cheminformatics, 2015, 7, S3. | 6.1 | 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. | 6.1 | 166 |
| 11 | Challenges in clinical natural language processing for automated disorder normalization. Journal of Biomedical Informatics, 2015, 57, 28-37. | 4.3 | 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, . | 3.0 | 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. | 2.6 | 121 |
| 14 | Inter-species normalization of gene mentions with GNAT. Bioinformatics, 2008, 24, i126-i132. | 4.1 | 90 |
| 15 | Crowdsourcing in biomedicine: challenges and opportunities. Briefings in Bioinformatics, 2016, 17, 23-32. | 6.5 | 82 |
| 16 | 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 |
| 17 | How user intelligence is improving PubMed. Nature Biotechnology, 2018, 36, 937-945. | 17.5 | 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. | 6.5 | 38 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Beyond accuracy: creating interoperable and scalable text-mining web services. Bioinformatics, 2016, 32, 1907-1910. | 4.1 | 37 |
| 20 | Accessing Biomedical Literature in the Current Information Landscape. Methods in Molecular Biology, 2014, 1159, 11-31. | 0.9 | 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. | 3.0 | 30 |
| 22 | 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 |
| 23 | ezTag: tagging biomedical concepts via interactive learning. Nucleic Acids Research, 2018, 46, W523-W529. | 14.5 | 27 |
| 24 | NLM-Chem, a new resource for chemical entity recognition in PubMed full text literature. Scientific Data, 2021, 8, 91. | 5.3 | 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. | 6.3 | 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. | 3.0 | 12 |
| 28 | Ten tips for a text-mining-ready article: How to improve automated discoverability and interpretability. PLoS Biology, 2020, 18, e3000716. | 5.6 | 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, . | 3.0 | 8 |
| 31 | A Distributional Semantics Approach to Simultaneous Recognition of Multiple Classes of Named Entities. Lecture Notes in Computer Science, 2010, , 224-235. | 1.3 | 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 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 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 |