Lynette Hirschman

List of Publications by Year
in descending order

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44 papers	2,209 citations	279487 23 h-index	233125 45 g-index
49 all docs	49 docs citations	49 times ranked	2622 citing authors

#	Article	IF	Citations
1	Overcoming barriers to NLP for clinical text: the role of shared tasks and the need for additional creative solutions. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 540-543.	2.2	207
2	The Genomic Standards Consortium. PLoS Biology, 2011, 9, e1001088.	2.6	180
3	Text mining for the biocuration workflow. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas020-bas020.	1.4	132
4	Evaluation of text data mining for database curation: lessons learned from the KDD Challenge Cup. Bioinformatics, 2003, 19, i331-i339.	1.8	131
5	The MITRE Identification Scrubber Toolkit: Design, training, and assessment. International Journal of Medical Informatics, 2010, 79, 849-859.	1.6	111
6	Rapidly Retargetable Approaches to De-identification in Medical Records. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 564-573.	2.2	96
7	Overview of the BioCreative III Workshop. BMC Bioinformatics, 2011, 12, S1.	1.2	88
8	Information extraction in molecular biology. Briefings in Bioinformatics, 2002, 3, 154-165.	3.2	85
9	Rutabaga by any other name: extracting biological names. Journal of Biomedical Informatics, 2002, 35, 247-259.	2.5	83
10	Gene name identification and normalization using a model organism database. Journal of Biomedical Informatics, 2004, 37, 396-410.	2.5	69
11	Grammatically-based automatic word class formation. Information Processing and Management, 1975, 11, 39-57.	5.4	44
12	Hiding in plain sight: use of realistic surrogates to reduce exposure of protected health information in clinical text. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 342-348.	2.2	43
13	The FEBS Letters/BioCreative II.5 experiment: making biological information accessible. Nature Biotechnology, 2010, 28, 897-899.	9.4	42
14	Habitat-Lite: A GSC Case Study Based on Free Text Terms for Environmental Metadata. OMICS A Journal of Integrative Biology, 2008, 12, 129-136.	1.0	39
15	Effects of personal identifier resynthesis on clinical text de-identification. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 159-168.	2.2	38
16	Hybrid curation of geneâ€“mutation relations combining automated extraction and crowdsourcing. Database: the Journal of Biological Databases and Curation, 2014, 2014, .	1.4	35
17	Toward a Standards-Compliant Genomic and Metagenomic Publication Record. OMICS A Journal of Integrative Biology, 2008, 12, 157-160.	1.0	33
18	MITRE system for clinical assertion status classification. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 563-567.	2.2	33

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19	Question answering from natural language medical data bases. Artificial Intelligence, 1978, 11, 25-43.	3.9	31
20	Background and overview for KDD Cup 2002 task 1. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2002, 4, 87-89.	3.2	31
21	Genomic Standards Consortium Projects. Standards in Genomic Sciences, 2014, 9, 599-601.	1.5	29
22	Bootstrapping a de-identification system for narrative patient records: Cost-performance tradeoffs. International Journal of Medical Informatics, 2013, 82, 821-831.	1.6	28
23	Genomic Standards Consortium Projects. Standards in Genomic Sciences, 2014, 9, 599-601.	1.5	26
24	Conjunction in meta-restriction grammar. The Journal of Logic Programming, 1986, 3, 299-328.	1.9	20
25	Meeting Report: BioSharing at ISMB 2010. Standards in Genomic Sciences, 2010, 3, 254-258.	1.5	19
26	An experiment in automated health care evaluation from narrative medical records. Journal of Biomedical Informatics, 1981, 14, 447-463.	0.7	17
27	De-identification of clinical narratives through writing complexity measures. International Journal of Medical Informatics, 2014, 83, 750-767.	1.6	16
28	Optimizing annotation resources for natural language de-identification via a game theoretic framework. Journal of Biomedical Informatics, 2016, 61, 97-109.	2.5	14
29	Meeting Report from the Genomic Standards Consortium (GSC) Workshops 6 and 7. Standards in Genomic Sciences, 2009, 1, 68-71.	1.5	13
30	Is the Juice Worth the Squeeze? Costs and Benefits of Multiple Human Annotators for Clinical Text De-identification. Methods of Information in Medicine, 2016, 55, 356-364.	0.7	12
31	Reading comprehension tests for computer-based understanding evaluation. Natural Language Engineering, 2006, 12, 305-334.	2.1	8
32	The Metadata Coverage Index (MCI): A standardized metric for quantifying database metadata richness. Standards in Genomic Sciences, 2012, 6, 444-453.	1.5	8
33	The machine giveth and the machine taketh away: a parrot attack on clinical text deidentified with hiding in plain sight. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1536-1544.	2.2	8
34	Data base design for natural language medical data. Journal of Medical Systems, 1982, 6, 77-88.	2.2	7
35	Validating Candidate Gene-Mutation Relations in MEDLINE Abstracts via Crowdsourcing. Lecture Notes in Computer Science, 2012, , 83-91.	1.0	7
36	Meeting Report: Metagenomics, Metadata and Meta-analysis; (M3) Special Interest Group at ISMB 2009. Standards in Genomic Sciences, 2009, 1, 278-282.	1.5	4

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37	Meeting Report: Metagenomics, Metadata and MetaAnalysis (M3) at ISMB 2010. Standards in Genomic Sciences, 2010, 3, 232-234.	1.5	4
38	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 9. Standards in Genomic Sciences, 2010, 3, 216-224.	1.5	3
39	Meeting Report: â€œMetagenomics, Metadata and Meta-analysisâ€•(M3) Workshop at the Pacific Symposium on Biocomputing 2010. Standards in Genomic Sciences, 2010, 2, 357-360.	1.5	2
40	Resilience of clinical text de-identified with â€œhiding in plain sightâ€•to hostile reidentification attacks by human readers. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1374-1382.	2.2	2
41	Chapter 2. Automatic Information Formatting of a Medical Sublanguage. , 0, , .		1
42	Meeting Report from the Genomic Standards Consortium (GSC) Workshop 8. Standards in Genomic Sciences, 2010, 3, 93-96.	1.5	1
43	Evaluating Semantic Evaluations: How RTE Measures Up. Lecture Notes in Computer Science, 2006, , 309-331.	1.0	1
44	The BioLink SIG Workshop at ISMB2004. Comparative and Functional Genomics, 2005, 6, 58-60.	2.0	0