Zhiyong

List of Publications by Year
in descending order

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191 papers	18,606 citations	25014 57 h-index	20343 116 g-index
196 all docs	196 docs citations	196 times ranked	18455 citing authors

#	Article	IF	Citations
1	ChestX-Ray8: Hospital-Scale Chest X-Ray Database and Benchmarks on Weakly-Supervised Classification and Localization of Common Thorax Diseases. , 2017, , .		2,038
2	Opportunities and obstacles for deep learning in biology and medicine. Journal of the Royal Society Interface, 2018, 15, 20170387.	1.5	1,282
3	Database resources of the national center for biotechnology information. Nucleic Acids Research, 2022, 50, D20-D26.	6.5	887
4	Database resources of the National Center for Biotechnology Information. Nucleic Acids Research, 2011, 39, D38-D51.	6.5	582
5	Database resources of the National Center for Biotechnology Information. Nucleic Acids Research, 2021, 49, D10-D17.	6.5	545
6	NCBI disease corpus: A resource for disease name recognition and concept normalization. Journal of Biomedical Informatics, 2014, 47, 1-10.	2.5	525
7	PubTator: a web-based text mining tool for assisting biocuration. Nucleic Acids Research, 2013, 41, W518-W522.	6.5	523
8	Database resources of the National Center for Biotechnology Information. Nucleic Acids Research, 2012, 40, D13-D25.	6.5	510
9	Database resources of the National Center for Biotechnology Information. Nucleic Acids Research, 2019, 47, D23-D28.	6.5	502
10	A survey of current trends in computational drug repositioning. Briefings in Bioinformatics, 2016, 17, 2-12.	3.2	459
11	DNorm: disease name normalization with pairwise learning to rank. Bioinformatics, 2013, 29, 2909-2917.	1.8	436
12	Database resources of the National Center for Biotechnology Information. Nucleic Acids Research, 2010, 38, D5-D16.	6.5	417
13	Database resources of the National Center for Biotechnology Information. Nucleic Acids Research, 2020, 48, D9-D16.	6.5	381
14	PubMed and beyond: a survey of web tools for searching biomedical literature. Database: the Journal of Biological Databases and Curation, 2011, 2011, baq036-baq036.	1.4	375
15	Transfer Learning in Biomedical Natural Language Processing: An Evaluation of BERT and ELMo on Ten Benchmarking Datasets. , 2019, , .		360
16	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
17	BioWordVec,Âimproving biomedical word embeddings with subword information and MeSH. Scientific Data, 2019, 6, 52.	2.4	268
18	TieNet: Text-Image Embedding Network for Common Thorax Disease Classification and Reporting in Chest X-Rays. , 2018, , .		261

#	Article	IF	Citations
19	PubTator central: automated concept annotation for biomedical full text articles. Nucleic Acids Research, 2019, 47, W587-W593.	6.5	248
20	Overview of BioCreative II gene normalization. Genome Biology, 2008, 9, S3.	13.9	237
21	Keep up with the latest coronavirus research. Nature, 2020, 579, 193-193.	13.7	230
22	TaggerOne: joint named entity recognition and normalization with semi-Markov Models. Bioinformatics, 2016, 32, 2839-2846.	1.8	221
23	DeepSeeNet: A Deep Learning Model for Automated Classification of Patient-based Age-related Macular Degeneration Severity from Color Fundus Photographs. Ophthalmology, 2019, 126, 565-575.	2.5	220
24	tmChem: a high performance approach for chemical named entity recognition and normalization. Journal of Cheminformatics, 2015, 7, S3.	2.8	203
25	tmVar: a text mining approach for extracting sequence variants in biomedical literature. Bioinformatics, 2013, 29, 1433-1439.	1.8	197
26	Understanding PubMed(R) user search behavior through log analysis. Database: the Journal of Biological Databases and Curation, 2009, 2009, bap018-bap018.	1.4	189
27	LitCovid: an open database of COVID-19 literature. Nucleic Acids Research, 2021, 49, D1534-D1540.	6.5	189
28	The CHEMDNER corpus of chemicals and drugs and its annotation principles. Journal of Cheminformatics, 2015, 7, S2.	2.8	166
29	Community challenges in biomedical text mining over 10 years: success, failure and the future. Briefings in Bioinformatics, 2016, 17, 132-144.	3.2	161
30	GNormPlus: An Integrative Approach for Tagging Genes, Gene Families, and Protein Domains. BioMed Research International, 2015, 2015, 1-7.	0.9	155
31	Evaluation of query expansion using MeSH in PubMed. Information Retrieval, 2009, 12, 69-80.	1.6	139
32	Automated abnormality classification of chest radiographs using deep convolutional neural networks. Npj Digital Medicine, 2020, 3, 70.	5.7	133
33	Challenges in clinical natural language processing for automated disorder normalization. Journal of Biomedical Informatics, 2015, 57, 28-37.	2.5	125
34	BioC: a minimalist approach to interoperability for biomedical text processing. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat064-bat064.	1.4	123
35	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
36	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

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37	OpenDMAP: An open source, ontology-driven concept analysis engine, with applications to capturing knowledge regarding protein transport, protein interactions and cell-type-specific gene expression. BMC Bioinformatics, 2008, 9, 78.	1.2	112
38	Recommending MeSH terms for annotating biomedical articles. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 660-667.	2.2	107
39	The gene normalization task in BioCreative III. BMC Bioinformatics, 2011, 12, S2.	1.2	101
40	LitVar: a semantic search engine for linking genomic variant data in PubMed and PMC. Nucleic Acids Research, 2018, 46, W530-W536.	6.5	96
41	Proteome Analyst: custom predictions with explanations in a web-based tool for high-throughput proteome annotations. Nucleic Acids Research, 2004, 32, W365-W371.	6.5	93
42	On expert curation and scalability: UniProtKB/Swiss-Prot as a case study. Bioinformatics, 2017, 33, 3454-3460.	1.8	91
43	BioSentVec: creating sentence embeddings for biomedical texts. , 2019, , .		91
44	Best Match: New relevance search for PubMed. PLoS Biology, 2018, 16, e2005343.	2.6	90
45	Overview of the BioCreative III Workshop. BMC Bioinformatics, 2011, 12, S1.	1.2	88
46	Towards PubMed 2.0. ELife, 2017, 6, .	2.8	86
47	Extracting chemicalâ€“protein relations with ensembles of SVM and deep learning models. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	85
48	Accelerating literature curation with text-mining tools: a case study of using PubTator to curate genes in PubMed abstracts. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas041-bas041.	1.4	83
49	Large-Scale Event Extraction from Literature with Multi-Level Gene Normalization. PLoS ONE, 2013, 8, e55814.	1.1	83
50	ML-Net: multi-label classification of biomedical texts with deep neural networks. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1279-1285.	2.2	83
51	Crowdsourcing in biomedicine: challenges and opportunities. Briefings in Bioinformatics, 2016, 17, 23-32.	3.2	82
52	Text Mining Genotype-Phenotype Relationships from Biomedical Literature for Database Curation and Precision Medicine. PLoS Computational Biology, 2016, 12, e1005017.	1.5	81
53	tmVar 2.0: integrating genomic variant information from literature with dbSNP and ClinVar for precision medicine. Bioinformatics, 2018, 34, 80-87.	1.8	79
54	Pathway-based drug repositioning using causal inference. BMC Bioinformatics, 2013, 14, S3.	1.2	71

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55	SR4GN: A Species Recognition Software Tool for Gene Normalization. PLoS ONE, 2012, 7, e38460.	1.1	71
56	Semi-automatic semantic annotation of PubMed queries: A study on quality, efficiency, satisfaction. Journal of Biomedical Informatics, 2011, 44, 310-318.	2.5	68
57	An overview of the BioCreative 2012 Workshop Track III: interactive text mining task. Database: the Journal of Biological Databases and Curation, 2013, 2013, bas056-bas056.	1.4	68
58	Author name disambiguation for <scp>P</scp>ub<scp>M</scp>ed. Journal of the Association for Information Science and Technology, 2014, 65, 765-781.	1.5	68
59	Biocuration workflows and text mining: overview of the BioCreative 2012 Workshop Track II. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas043-bas043.	1.4	67
60	BioCreative III interactive task: an overview. BMC Bioinformatics, 2011, 12, S4.	1.2	65
61	Automatic Extraction of Clusters from Hierarchical Clustering Representations. Lecture Notes in Computer Science, 2003, , 75-87.	1.0	64
62	A new method for computational drug repositioning using drug pairwise similarity. , 2012, 2012, 1-4.		63
63	Improving chemical disease relation extraction with rich features and weakly labeled data. Journal of Cheminformatics, 2016, 8, 53.	2.8	62
64	Deep learning for extracting protein-protein interactions from biomedical literature. , 2017, , .		61
65	Recent advances in biomedical literature mining. Briefings in Bioinformatics, 2021, 22, .	3.2	59
66	MeSH Now: automatic MeSH indexing at PubMed scale via learning to rank. Journal of Biomedical Semantics, 2017, 8, 15.	0.9	57
67	A Deep Learning Approach for Automated Detection of Geographic Atrophy from Color Fundus Photographs. Ophthalmology, 2019, 126, 1533-1540.	2.5	55
68	COVID-19-CT-CXR: A Freely Accessible and Weakly Labeled Chest X-Ray and CT Image Collection on COVID-19 From Biomedical Literature. IEEE Transactions on Big Data, 2021, 7, 3-12.	4.4	55
69	Text mining for precision medicine: automating disease-mutation relationship extraction from biomedical literature. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 766-772.	2.2	52
70	PMC text mining subset in BioC: about three million full-text articles and growing. Bioinformatics, 2019, 35, 3533-3535.	1.8	51
71	An Empirical Study of Multi-Task Learning on BERT for Biomedical Text Mining. , 2020, , .		49
72	Text Mining for Precision Medicine: Bringing Structure to EHRs and Biomedical Literature to Understand Genes and Health. Advances in Experimental Medicine and Biology, 2016, 939, 139-166.	0.8	46

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73	How user intelligence is improving PubMed. Nature Biotechnology, 2018, 36, 937-945.	9.4	46
74	Evaluating Relevance Ranking Strategies for MEDLINE Retrieval. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 32-36.	2.2	45
75	Overview of the gene ontology task at BioCreative IV. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau086-bau086.	1.4	45
76	Exploring semi-supervised variational autoencoders for biomedical relation extraction. Methods, 2019, 166, 112-119.	1.9	45
77	ChestX-ray: Hospital-Scale Chest X-ray Database and Benchmarks on Weakly Supervised Classification and Localization of Common Thorax Diseases. Advances in Computer Vision and Pattern Recognition, 2019, , 369-392.	0.9	45
78	GeneRIF QUALITY ASSURANCE AS SUMMARY REVISION. , 2006, , 269-80.		45
79	BioCreative-IV virtual issue. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau039-bau039.	1.4	43
80	BioConceptVec: Creating and evaluating literature-based biomedical concept embeddings on a large scale. PLoS Computational Biology, 2020, 16, e1007617.	1.5	43
81	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
82	Beyond accuracy: creating interoperable and scalable text-mining web services. Bioinformatics, 2016, 32, 1907-1910.	1.8	37
83	LitSense: making sense of biomedical literature at sentence level. Nucleic Acids Research, 2019, 47, W594-W599.	6.5	37
84	BC4GO: a full-text corpus for the BioCreative IV GO task. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau074-bau074.	1.4	36
85	Overview of the interactive task in BioCreative V. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw119.	1.4	36
86	LabeledIn: Cataloging labeled indications for human drugs. Journal of Biomedical Informatics, 2014, 52, 448-456.	2.5	35
87	Hybrid curation of geneâ€“mutation relations combining automated extraction and crowdsourcing. Database: the Journal of Biological Databases and Curation, 2014, 2014, .	1.4	35
88	Concept recognition for extracting protein interaction relations from biomedical text. Genome Biology, 2008, 9, S9.	3.8	34
89	Scaling drug indication curation through crowdsourcing. Database: the Journal of Biological Databases and Curation, 2015, 2015, .	1.4	34
90	TeamTat: a collaborative text annotation tool. Nucleic Acids Research, 2020, 48, W5-W11.	6.5	34

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91	Bridging the gap: Incorporating a semantic similarity measure for effectively mapping PubMed queries to documents. Journal of Biomedical Informatics, 2017, 75, 122-127.	2.5	33
92	Scaling up data curation using deep learning: An application to literature triage in genomic variation resources. PLoS Computational Biology, 2018, 14, e1006390.	1.5	33
93	Predicting risk of late age-related macular degeneration using deep learning. Npj Digital Medicine, 2020, 3, 111.	5.7	33
94	Accessing Biomedical Literature in the Current Information Landscape. Methods in Molecular Biology, 2014, 1159, 11-31.	0.4	32
95	Generalizing biomedical relation classification with neural adversarial domain adaptation. Bioinformatics, 2018, 34, 2973-2981.	1.8	30
96	A Deep Phenotype Association Study Reveals Specific Phenotype Associations with Genetic Variants in Age-related Macular Degeneration. Ophthalmology, 2018, 125, 559-568.	2.5	30
97	Overview of the BioCreative VI Precision Medicine Track: mining protein interactions and mutations for precision medicine. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	30
98	Text Mining for Drug Discovery. Methods in Molecular Biology, 2019, 1939, 231-252.	0.4	30
99	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
100	Predicting myocardial infarction through retinal scans and minimal personal information. Nature Machine Intelligence, 2022, 4, 55-61.	8.3	30
101	LitSuggest: a web-based system for literature recommendation and curation using machine learning. Nucleic Acids Research, 2021, 49, W352-W358.	6.5	28
102	Extraction of data deposition statements from the literature: a method for automatically tracking research results. Bioinformatics, 2011, 27, 3306-3312.	1.8	27
103	ezTag: tagging biomedical concepts via interactive learning. Nucleic Acids Research, 2018, 46, W523-W529.	6.5	27
104	Evolving use of ancestry, ethnicity, and race in genetics researchâ€"A survey spanning seven decades. American Journal of Human Genetics, 2021, 108, 2215-2223.	2.6	27
105	Extracting Rx information from clinical narrative. Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 536-539.	2.2	26
106	Systematic identification of pharmacogenomics information from clinical trials. Journal of Biomedical Informatics, 2012, 45, 870-878.	2.5	26
107	FullMeSH: improving large-scale MeSH indexing with full text. Bioinformatics, 2020, 36, 1533-1541.	1.8	26
108	NLM-Chem, a new resource for chemical entity recognition in PubMed full text literature. Scientific Data, 2021, 8, 91.	2.4	26

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109	A Fast Deep Learning Model for Textual Relevance in Biomedical Information Retrieval. , 2018, , .		25
110	Automatic integration of drug indications from multiple health resources. , 2010, , .		24
111	EVALUATION OF LEXICAL METHODS FOR DETECTING RELATIONSHIPS BETWEEN CONCEPTS FROM MULTIPLE ONTOLOGIES. , 2005, , .		23
112	DeepLensNet: Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity. Ophthalmology, 2022, 129, 571-584.	2.5	23
113	Improving links between literature and biological data with text mining: a case study with GEO, PDB and MEDLINE. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas026.	1.4	21
114	Semantic role labeling for protein transport predicates. BMC Bioinformatics, 2008, 9, 277.	1.2	19
115	BioCreative-2012 Virtual Issue. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas049-bas049.	1.4	19
116	Deep Learning Automated Detection of Reticular Pseudodrusen from Fundus Autofluorescence Images or Color Fundus Photographs in AREDS2. Ophthalmology, 2020, 127, 1674-1687.	2.5	19
117	BERT-GT: cross-sentence n-ary relation extraction with BERT and Graph Transformer. Bioinformatics, 2021, 36, 5678-5685.	1.8	19
118	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
119	PhenoTagger: a hybrid method for phenotype concept recognition using human phenotype ontology. Bioinformatics, 2021, 37, 1884-1890.	1.8	18
120	NegBio: a high-performance tool for negation and uncertainty detection in radiology reports. AMIA Summits on Translational Science Proceedings, 2018, 2017, 188-196.	0.4	18
121	Deep Learning for Biomedical Information Retrieval: Learning Textual Relevance from Click Logs. , 2017, , .		16
122	Finding query suggestions for PubMed. AMIA ... Annual Symposium proceedings, 2009, 2009, 396-400.	0.2	16
123	Identifying related journals through log analysis. Bioinformatics, 2009, 25, 3038-3039.	1.8	15
124	BioC interoperability track overview. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau053-bau053.	1.4	15
125	PubMed Labs: an experimental system for improving biomedical literature search. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	15
126	Deep learning with sentence embeddings pre-trained on biomedical corpora improves the performance of finding similar sentences in electronic medical records. BMC Medical Informatics and Decision Making, 2020, 20, 73.	1.5	15

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127	Finding GeneRIFs via gene ontology annotations. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2006, , 52-63.	0.7	15
128	FINDING GENERIFS VIA GENE ONTOLOGY ANNOTATIONS. , 2005, , .		14
129	Improving accuracy for identifying related PubMed queries by an integrated approach. Journal of Biomedical Informatics, 2009, 42, 831-838.	2.5	14
130	A context-blocks model for identifying clinical relationships in patient records. BMC Bioinformatics, 2011, 12, S3.	1.2	14
131	A self-attention based deep learning method for lesion attribute detection from CT reports. , 2019, , .		14
132	Detecting visually significant cataract using retinal photograph-based deep learning. Nature Aging, 2022, 2, 264-271.	5.3	14
133	SimConcept. , 2014, 2014, 138-146.		13
134	PubMed Phrases, an open set of coherent phrases for searching biomedical literature. Scientific Data, 2018, 5, 180104.	2.4	13
135	Recent advances of automated methods for searching and extracting genomic variant information from biomedical literature. Briefings in Bioinformatics, 2021, 22, .	3.2	13
136	Global-Local attention network with multi-task uncertainty loss for abnormal lymph node detection in MR images. Medical Image Analysis, 2022, 77, 102345.	7.0	13
137	Prioritizing PubMed articles for the Comparative Toxicogenomic Database utilizing semantic information. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas042-bas042.	1.4	12
138	Mining chemical patents with an ensemble of open systems. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw065.	1.4	12
139	DIGNiFI: Discovering causative genes for orphan diseases using protein-protein interaction networks. BMC Systems Biology, 2017, 11, 23.	3.0	12
140	Click-words: learning to predict document keywords from a user perspective. Bioinformatics, 2010, 26, 2767-2775.	1.8	11
141	Multimodal, multitask, multiattention (M3) deep learning detection of reticular pseudodrusen: Toward automated and accessible classification of age-related macular degeneration. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1135-1148.	2.2	11
142	Identifying named entities from PubMedÂ® for enriching semantic categories. BMC Bioinformatics, 2015, 16, 57.	1.2	10
143	PubMed Text Similarity Model and its application to curation efforts in the Conserved Domain Database. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	10
144	Ten tips for a text-mining-ready article: How to improve automated discoverability and interpretability. PLoS Biology, 2020, 18, e3000716.	2.6	10

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145	Linking multiple disease-related resources through UMLS. , 2012, , .		9
146	Developing Topic-specific Search Filters for PubMed with Click-through Data. Methods of Information in Medicine, 2013, 52, 395-402.	0.7	9
147	Biomedical Mention Disambiguation using a Deep Learning Approach. , 2019, , .		9
148	NLM-Gene, a richly annotated gold standard dataset for gene entities that addresses ambiguity and multi-species gene recognition. Journal of Biomedical Informatics, 2021, 118, 103779.	2.5	9
149	tmBioC: improving interoperability of text-mining tools with BioC. Database: the Journal of Biological Databases and Curation, 2014, 2014, .	1.4	8
150	Improving Interpretability in Machine Diagnosis. Ophthalmology Science, 2021, 1, 100038.	1.0	8
151	Exploring two biomedical text genres for disease recognition. , 2009, , .		8
152	Automated Disease Normalization with Low Rank Approximations. , 2014, , .		8
153	A multi-task deep learning model for the classification of Age-related Macular Degeneration. AMIA Summits on Translational Science Proceedings, 2019, 2019, 505-514.	0.4	8
154	Coinheritance of generalized pustular psoriasis and familial BehÃ§etâ€like autoinflammatory syndrome with variants in <scp>IL</scp>36<scp>RN</scp> and <scp>TNFAIP</scp>3 in the heterozygous state. Journal of Dermatology, 2019, 46, 907-910.	0.6	7
155	Towards automatic generation of gene summary. , 2009, , .		7
156	Better synonyms for enriching biomedical search. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1894-1902.	2.2	6
157	BioCreative VI Precision Medicine Track: creating a training corpus for mining protein-protein interactions affected by mutations. , 2017, , .		6
158	Toward Creating a Gold Standard of Drug Indications from FDA Drug Labels. , 2013, , .		5
159	Discovering biomedical semantic relations in PubMed queries for information retrieval and database curation. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw025.	1.4	5
160	Sentence Similarity Measures Revisited. , 2018, , .		5
161	Benchmarking Effectiveness and Efficiency of Deep Learning Models for Semantic Textual Similarity in the Clinical Domain: Validation Study. JMIR Medical Informatics, 2021, 9, e27386.	1.3	5
162	Summarizing Documents by Measuring the Importance of a Subset of Vertices within a Graph. , 2009, 1, 267-272.		4

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163	Text Mining for Translational Bioinformatics. BioMed Research International, 2015, 2015, 1-2.	0.9	4
164	A Field Sensor: computing the composition and intent of PubMed queries. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	4
165	Using deep learning to identify translational research in genomic medicine beyond bench to bedside. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	4
166	Automatic extraction of drug indications from FDA drug labels. AMIA ... Annual Symposium proceedings, 2014, 2014, 787-94.	0.2	4
167	CROWDSOURCING AND MINING CROWD DATA. , 2014, , .		3
168	Overview of the BioCreative VI text-mining services for Kinome Curation Track. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	3
169	Learning Few-Shot Chest X-Ray Diagnosis Using Images From The Published Scientific Literature. , 2021, , .		3
170	Artificial Intelligence in Age-Related Macular Degeneration (AMD). , 2021, , 101-112.		3
171	Automatic identification and normalization of dosage forms in drug monographs. BMC Medical Informatics and Decision Making, 2012, 12, 9.	1.5	2
172	Text mining tools for assisting literature curation. , 2014, , .		2
173	Assisting document triage for human kinome curation via machine learning. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	2
174	Tracking human genes along the translational continuum. Npj Genomic Medicine, 2019, 4, 25.	1.7	2
175	Evaluating relevance ranking strategies for MEDLINE retrieval. AMIA ... Annual Symposium proceedings, 2008, , 439.	0.2	2
176	Crowdsourcing and mining crowd data. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2015, , 267-9.	0.7	2
177	PhenoRerank: A re-ranking model for phenotypic concept recognition pre-trained on human phenotype ontology. Journal of Biomedical Informatics, 2022, 129, 104059.	2.5	2
178	A Textual Representation Scheme for Identifying Clinical Relationships in Patient Records. , 2010, 2010, 995-998.		1
179	Improving Online Access to Drug-Related Information. , 2012, , .		1
180	A Text-Mining System for Concept Annotation in Biomedical Full Text Articles. , 2019, , .		1

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181	A Network Approach for Computational Drug Repositioning. , 2012, , .		0
182	DIGNiFI. , 2016, , .		0
183	Fine-Grained Lesion Annotation in CT Images With Knowledge Mined From Radiology Reports. , 2019, , .		0
184	Editorâ€™s introduction to the special section on the 7th Biomedical Linked Annotation Hackathon (BLAH7). Genomics and Informatics, 2021, 19, e20.	0.4	0
185	Mining Related Articles for Automatic Journal Cataloging. Journal of Data and Information Science, 2017, 1, 45-59.	0.5	0
186	PSB 2019 Workshop on Text Mining and Visualization for Precision Medicine. , 2018, , .		0
187	Introduction to BLAH5 special issue: recent progress on interoperability of biomedical text mining. Genomics and Informatics, 2019, 17, e12.	0.4	0
188	Predicting clicks of PubMed articles. AMIA ... Annual Symposium proceedings, 2013, 2013, 947-56.	0.2	0
189	PDC - a probabilistic distributional clustering algorithm: a case study on suicide articles in PubMed. AMIA Summits on Translational Science Proceedings, 2020, 2020, 259-268.	0.4	0
190	Multi-task deep learning-based survival analysis on the prognosis of late AMD using the longitudinal data in AREDS.. AMIA ... Annual Symposium proceedings, 2021, 2021, 506-515.	0.2	0
191	Machine Learning Approach to Facilitate Knowledge Synthesis at the Intersection of Liver Cancer, Epidemiology, and Health Disparities Research. JCO Clinical Cancer Informatics, 2022, , .	1.0	0