

Martin Krallinger

List of Publications by Year in descending order

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46
papers

2,777
citations

218677

26
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

2560
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the protein-protein interaction annotation extraction task of BioCreative II. <i>Genome Biology</i> , 2008, 9, S4.	9.6	195
2	Information Retrieval and Text Mining Technologies for Chemistry. <i>Chemical Reviews</i> , 2017, 117, 7673-7761.	47.7	195
3	Linking genes to literature: text mining, information extraction, and retrieval applications for biology. <i>Genome Biology</i> , 2008, 9, S8.	8.8	181
4	CHEMDNER: The drugs and chemical names extraction challenge. <i>Journal of Cheminformatics</i> , 2015, 7, S1.	6.1	179
5	The CHEMDNER corpus of chemicals and drugs and its annotation principles. <i>Journal of Cheminformatics</i> , 2015, 7, S2.	6.1	166
6	Evaluation of text-mining systems for biology: overview of the Second BioCreative community challenge. <i>Genome Biology</i> , 2008, 9, S1.	9.6	159
7	Text mining for the biocuration workflow. <i>Database: the Journal of Biological Databases and Curation</i> , 2012, 2012, bas020-bas020.	3.0	132
8	BioC: a minimalist approach to interoperability for biomedical text processing. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat064-bat064.	3.0	123
9	Text-mining approaches in molecular biology and biomedicine. <i>Drug Discovery Today</i> , 2005, 10, 439-445.	6.4	121
10	The Protein-Protein Interaction tasks of BioCreative III: classification/ranking of articles and linking bio-ontology concepts to full text. <i>BMC Bioinformatics</i> , 2011, 12, S3.	2.6	121
11	Evaluation of BioCreAtIvE assessment of task 2. <i>BMC Bioinformatics</i> , 2005, 6, S16.	2.6	108
12	Overview of the BioCreative III Workshop. <i>BMC Bioinformatics</i> , 2011, 12, S1.	2.6	88
13	An Overview of BioCreative II.5. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2010, 7, 385-399.	3.0	83
14	Text mining for biology - the way forward: opinions from leading scientists. <i>Genome Biology</i> , 2008, 9, S7.	9.6	74
15	Analysis of Biological Processes and Diseases Using Text Mining Approaches. <i>Methods in Molecular Biology</i> , 2010, 593, 341-382.	0.9	73
16	An overview of the BioCreative 2012 Workshop Track III: interactive text mining task. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bas056-bas056.	3.0	68
17	Text Mining for Drugs and Chemical Compounds: Methods, Tools and Applications. <i>Molecular Informatics</i> , 2011, 30, 506-519.	2.5	66
18	BioCreative III interactive task: an overview. <i>BMC Bioinformatics</i> , 2011, 12, S4.	2.6	65

#	ARTICLE	IF	CITATIONS
19	Text Mining for Metabolic Pathways, Signaling Cascades, and Protein Networks. <i>Science Signaling</i> , 2005, 2005, pe21-pe21.	3.6	64
20	Introducing meta-services for biomedical information extraction. <i>Genome Biology</i> , 2008, 9, S6.	8.8	61
21	MyMiner: a web application for computer-assisted biocuration and text annotation. <i>Bioinformatics</i> , 2012, 28, 2285-2287.	4.1	44
22	Integration of biological data by kernels on graph nodes allows prediction of new genes involved in mitotic chromosome condensation. <i>Molecular Biology of the Cell</i> , 2014, 25, 2522-2536.	2.1	44
23	BioCreative-IV virtual issue. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau039-bau039.	3.0	43
24	The FEBS Letters/BioCreative II.5 experiment: making biological information accessible. <i>Nature Biotechnology</i> , 2010, 28, 897-899.	17.5	42
25	Extraction of human kinase mutations from literature, databases and genotyping studies. <i>BMC Bioinformatics</i> , 2009, 10, S1.	2.6	32
26	PharmaCoNER: Pharmacological Substances, Compounds and proteins Named Entity Recognition track. , 2019, , .		29
27	PLAN2L: a web tool for integrated text mining and literature-based bioentity relation extraction. <i>Nucleic Acids Research</i> , 2009, 37, W160-W165.	14.5	27
28	How to link ontologies and protein-protein interactions to literature: text-mining approaches and the BioCreative experience. <i>Database: the Journal of Biological Databases and Curation</i> , 2012, 2012, bas017-bas017.	3.0	27
29	Time to kick-start text mining for biomaterials. <i>Nature Reviews Materials</i> , 2020, 5, 553-556.	48.7	20
30	BioCreative-2012 Virtual Issue. <i>Database: the Journal of Biological Databases and Curation</i> , 2012, 2012, bas049-bas049.	3.0	19
31	Overview of the CLEF eHealth Evaluation Lab 2020. <i>Lecture Notes in Computer Science</i> , 2020, , 255-271.	1.3	18
32	Uncovering the Molecular Machinery of the Human Spindle—An Integration of Wet and Dry Systems Biology. <i>PLoS ONE</i> , 2012, 7, e31813.	2.5	14
33	Creating Reference Datasets for Systems Biology Applications Using Text Mining. <i>Annals of the New York Academy of Sciences</i> , 2009, 1158, 14-28.	3.8	13
34	The Devices, Experimental Scaffolds, and Biomaterials Ontology (DEB): A Tool for Mapping, Annotation, and Analysis of Biomaterials Data. <i>Advanced Functional Materials</i> , 2020, 30, 1909910.	14.9	11
35	The Markyt visualisation, prediction and benchmark platform for chemical and gene entity recognition at BioCreative/CHEMDNER challenge. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw120.	3.0	10
36	Interpretation of the Consequences of Mutations in Protein Kinases: Combined Use of Bioinformatics and Text Mining. <i>Frontiers in Physiology</i> , 2012, 3, 323.	2.8	9

#	ARTICLE	IF	CITATIONS
37	Findings of the WMT 2019 Biomedical Translation Shared Task: Evaluation for MEDLINE Abstracts and Biomedical Terminologies. , 2019, , .		9
38	The FEBS Letters SDA corpus: A collection of protein interaction articles with high quality annotations for the BioCreative II.5 online challenge and the text mining community. FEBS Letters, 2010, 584, 4129-4130.	2.8	8
39	PharmacNER Tagger: a deep learning-based tool for automatically finding chemicals and drugs in Spanish medical texts. Genomics and Informatics, 2019, 17, e15.	0.8	8
40	FragKB: Structural and Literature Annotation Resource of Conserved Peptide Fragments and Residues. PLoS ONE, 2010, 5, e9679.	2.5	7
41	CLEF eHealth Evaluation Lab 2020. Lecture Notes in Computer Science, 2020, , 587-594.	1.3	7
42	Next generation community assessment of biomedical entity recognition web servers: metrics, performance, interoperability aspects of BeCalm. Journal of Cheminformatics, 2019, 11, 42.	6.1	4
43	BioCreative Meta-Server and Text-Mining Interoperability Standard. , 2013, , 106-110.		3
44	Proposal of the First International Workshop on Semantic Indexing and Information Retrieval for Health from Heterogeneous Content Types and Languages (SIIRH). Lecture Notes in Computer Science, 2020, , 654-659.	1.3	3
45	Retrieval and Discovery of Cell Cycle Literature and Proteins by Means of Machine Learning, Text Mining and Network Analysis. Advances in Intelligent Systems and Computing, 2014, , 285-292.	0.6	2
46	BSC Participation in the WMT Translation of Biomedical Abstracts. , 2019, , .		2