

Rachael Huntley

List of Publications by Year in descending order

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58
papers

24,771
citations

101543

36
h-index

155660

55
g-index

60
all docs

60
docs citations

60
times ranked

45103
citing authors

#	ARTICLE	IF	CITATIONS
1	UniProt: a hub for protein information. <i>Nucleic Acids Research</i> , 2015, 43, D204-D212.	14.5	4,370
2	The Gene Ontology Resource: 20 years and still GOing strong. <i>Nucleic Acids Research</i> , 2019, 47, D330-D338.	14.5	3,474
3	Gene Ontology Consortium: going forward. <i>Nucleic Acids Research</i> , 2015, 43, D1049-D1056.	14.5	2,743
4	UniProt Knowledgebase: a hub of integrated protein data. <i>Database: the Journal of Biological Databases and Curation</i> , 2011, 2011, bar009-bar009.	3.0	1,271
5	Reorganizing the protein space at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2012, 40, D71-D75.	14.5	1,196
6	Activities at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2014, 42, D191-D198.	14.5	1,162
7	The Universal Protein Resource (UniProt) in 2010. <i>Nucleic Acids Research</i> , 2010, 38, D142-D148.	14.5	1,131
8	QuickGO: a web-based tool for Gene Ontology searching. <i>Bioinformatics</i> , 2009, 25, 3045-3046.	4.1	789
9	Cytokinin Activation of Arabidopsis Cell Division Through a D-Type Cyclin. <i>Science</i> , 1999, 283, 1541-1544.	12.6	731
10	IntAct—open source resource for molecular interaction data. <i>Nucleic Acids Research</i> , 2007, 35, D561-D565.	14.5	701
11	The Gene Ontology project in 2008. <i>Nucleic Acids Research</i> , 2008, 36, D440-D444.	14.5	699
12	Ongoing and future developments at the Universal Protein Resource. <i>Nucleic Acids Research</i> , 2011, 39, D214-D219.	14.5	649
13	Update on activities at the Universal Protein Resource (UniProt) in 2013. <i>Nucleic Acids Research</i> , 2012, 41, D43-D47.	14.5	620
14	The Universal Protein Resource (UniProt) 2009. <i>Nucleic Acids Research</i> , 2009, 37, D169-D174.	14.5	548
15	The GOA database in 2009—an integrated Gene Ontology Annotation resource. <i>Nucleic Acids Research</i> , 2009, 37, D396-D403.	14.5	497
16	The GOA database: Gene Ontology annotation updates for 2015. <i>Nucleic Acids Research</i> , 2015, 43, D1057-D1063.	14.5	493
17	Gene Ontology Annotations and Resources. <i>Nucleic Acids Research</i> , 2012, 41, D530-D535.	14.5	456
18	The Gene Ontology in 2010: extensions and refinements. <i>Nucleic Acids Research</i> , 2010, 38, D331-D335.	14.5	450

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19	The UniProt-GO Annotation database in 2011. <i>Nucleic Acids Research</i> , 2012, 40, D565-D570.	14.5	349
20	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. <i>Genome Biology</i> , 2016, 17, 184.	8.8	308
21	The Gene Ontology: enhancements for 2011. <i>Nucleic Acids Research</i> , 2012, 40, D559-D564.	14.5	191
22	MicroRNA Biomarkers and Platelet Reactivity. <i>Circulation Research</i> , 2017, 120, 418-435.	4.5	171
23	RNAcentral: a hub of information for non-coding RNA sequences. <i>Nucleic Acids Research</i> , 2019, 47, D221-D229.	14.5	153
24	D-type cyclins activate division in the root apex to promote seed germination in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15694-15699.	7.1	152
25	The Gene Ontology's Reference Genome Project: A Unified Framework for Functional Annotation across Species. <i>PLoS Computational Biology</i> , 2009, 5, e1000431.	3.2	148
26	The maize retinoblastoma protein homologue ZmRb-1 is regulated during leaf development and displays conserved interactions with G1/S regulators and plant cyclin D (CycD) proteins. <i>Plant Molecular Biology</i> , 1998, 37, 155-169.	3.9	147
27	A guide to best practices for Gene Ontology (GO) manual annotation. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat054-bat054.	3.0	135
28	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	12.8	119
29	Standardized description of scientific evidence using the Evidence Ontology (ECO). <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau075-bau075.	3.0	95
30	A method for increasing expressivity of Gene Ontology annotations using a compositional approach. <i>BMC Bioinformatics</i> , 2014, 15, 155.	2.6	78
31	The plant cell cycle. <i>Current Opinion in Plant Biology</i> , 1999, 2, 440-446.	7.1	77
32	Understanding how and why the Gene Ontology and its annotations evolve: the GO within UniProt. <i>GigaScience</i> , 2014, 3, 4.	6.4	70
33	Expert curation in UniProtKB: a case study on dealing with conflicting and erroneous data. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau016-bau016.	3.0	56
34	Dissecting regulatory pathways of G1/S control in Arabidopsis: common and distinct targets of CYCD3;1, E2Fa and E2Fc. <i>Plant Molecular Biology</i> , 2009, 71, 345-365.	3.9	50
35	QuickGO: a user tutorial for the web-based Gene Ontology browser. <i>Database: the Journal of Biological Databases and Curation</i> , 2009, 2009, bap010.	3.0	42
36	Guidelines for the functional annotation of microRNAs using the Gene Ontology. <i>Rna</i> , 2016, 22, 667-676.	3.5	35

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37	From protein sequences to 3D-structures and beyond: the example of the UniProt Knowledgebase. Cellular and Molecular Life Sciences, 2010, 67, 1049-1064.	5.4	33
38	Gene Ontology annotation of sequence-specific DNA binding transcription factors: setting the stage for a large-scale curation effort. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat062-bat062.	3.0	33
39	The Gene Ontology " Providing a Functional Role in Proteomic Studies. Proteomics, 2008, 8, .	2.2	29
40	Expanding the horizons of microRNA bioinformatics. Rna, 2018, 24, 1005-1017.	3.5	27
41	MINT and IntAct contribute to the Second BioCreative challenge: serving the text-mining community with high quality molecular interaction data. Genome Biology, 2008, 9, S5.	9.6	24
42	Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. Circulation Genomic and Precision Medicine, 2018, 11, e001813.	3.6	24
43	The Impact of Focused Gene Ontology Curation of Specific Mammalian Systems. PLoS ONE, 2011, 6, e27541.	2.5	23
44	Annotation of gene product function from high-throughput studies using the Gene Ontology. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	21
45	Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimer's Disease Gene Expression Data. Journal of Alzheimer's Disease, 2020, 75, 1417-1435.	2.6	18
46	Use of Gene Ontology Annotation to understand the peroxisome proteome in humans. Database: the Journal of Biological Databases and Curation, 2013, 2013, bas062.	3.0	17
47	Representing Kidney Development Using the Gene Ontology. PLoS ONE, 2014, 9, e99864.	2.5	17
48	Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimer's Disease Data. Genes, 2018, 9, 593.	2.4	15
49	The Gene Ontology Annotation (GOA) Database. Nature Precedings, 0, , .	0.1	14
50	Cytokinins and gibberellins in sap exudate of the oil palm. Phytochemistry, 2002, 60, 117-127.	2.9	13
51	The Renal Gene Ontology Annotation Initiative. Organogenesis, 2010, 6, 71-75.	1.2	13
52	Gene regulation knowledge commons: community action takes care of DNA binding transcription factors. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw088.	3.0	12
53	Synthesis and confirmation of structure for a new gibberellin, 2 ¹² -hydroxy-GA12 (GA110), from spinach and oil palm. Phytochemistry, 1998, 47, 331-337.	2.9	11
54	The Gene Ontology of eukaryotic cilia and flagella. Cilia, 2017, 6, 10.	1.8	6

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55	Annotation Extensions. <i>Methods in Molecular Biology</i> , 2017, 1446, 233-243.	0.9	5
56	Practical Applications of the Gene Ontology Resource. , 2010, , 319-339.		0
57	The cardiovascular gene annotation initiative: Impact on data analysis. <i>Atherosclerosis</i> , 2015, 241, e37.	0.8	0
58	The Gene Ontology Annotation (GOA) Database. <i>Nature Precedings</i> , 0, , .	0.1	0