

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
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60
all docs

60
docs citations

60
times ranked

45103
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimer's Disease Gene Expression Data. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1417-1435.	2.6	18
2	Annotation of gene product function from high-throughput studies using the Gene Ontology Database: the <i>Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	21
3	RNAcentral: a hub of information for non-coding RNA sequences. <i>Nucleic Acids Research</i> , 2019, 47, D221-D229.	14.5	153
4	The Gene Ontology Resource: 20 years and still GOing strong. <i>Nucleic Acids Research</i> , 2019, 47, D330-D338.	14.5	3,474
5	Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimer's Disease Data. <i>Genes</i> , 2018, 9, 593.	2.4	15
6	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
7	Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001813.	3.6	24
8	Expanding the horizons of microRNA bioinformatics. <i>Rna</i> , 2018, 24, 1005-1017.	3.5	27
9	MicroRNA Biomarkers and Platelet Reactivity. <i>Circulation Research</i> , 2017, 120, 418-435.	4.5	171
10	The Gene Ontology of eukaryotic cilia and flagella. <i>Cilia</i> , 2017, 6, 10.	1.8	6
11	Annotation Extensions. <i>Methods in Molecular Biology</i> , 2017, 1446, 233-243.	0.9	5
12	Guidelines for the functional annotation of microRNAs using the Gene Ontology. <i>Rna</i> , 2016, 22, 667-676.	3.5	35
13	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. <i>Genome Biology</i> , 2016, 17, 184.	8.8	308
14	Gene regulation knowledge commons: community action takes care of DNA binding transcription factors. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw088.	3.0	12
15	The cardiovascular gene annotation initiative: Impact on data analysis. <i>Atherosclerosis</i> , 2015, 241, e37.	0.8	0
16	The GOA database: Gene Ontology annotation updates for 2015. <i>Nucleic Acids Research</i> , 2015, 43, D1057-D1063.	14.5	493
17	UniProt: a hub for protein information. <i>Nucleic Acids Research</i> , 2015, 43, D204-D212.	14.5	4,370
18	Gene Ontology Consortium: going forward. <i>Nucleic Acids Research</i> , 2015, 43, D1049-D1056.	14.5	2,743

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19	Representing Kidney Development Using the Gene Ontology. <i>PLoS ONE</i> , 2014, 9, e99864.	2.5	17
20	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
21	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
22	Activities at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2014, 42, D191-D198.	14.5	1,162
23	Understanding how and why the Gene Ontology and its annotations evolve: the GO within UniProt. <i>GigaScience</i> , 2014, 3, 4.	6.4	70
24	A method for increasing expressivity of Gene Ontology annotations using a compositional approach. <i>BMC Bioinformatics</i> , 2014, 15, 155.	2.6	78
25	Gene Ontology annotation of sequence-specific DNA binding transcription factors: setting the stage for a large-scale curation effort. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat062-bat062.	3.0	33
26	Use of Gene Ontology Annotation to understand the peroxisome proteome in humans. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bas062.	3.0	17
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	Reorganizing the protein space at the Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2012, 40, D71-D75.	14.5	1,196
29	Update on activities at the Universal Protein Resource (UniProt) in 2013. <i>Nucleic Acids Research</i> , 2012, 41, D43-D47.	14.5	620
30	The Gene Ontology: enhancements for 2011. <i>Nucleic Acids Research</i> , 2012, 40, D559-D564.	14.5	191
31	Gene Ontology Annotations and Resources. <i>Nucleic Acids Research</i> , 2012, 41, D530-D535.	14.5	456
32	The UniProt-GO Annotation database in 2011. <i>Nucleic Acids Research</i> , 2012, 40, D565-D570.	14.5	349
33	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
34	The Impact of Focused Gene Ontology Curation of Specific Mammalian Systems. <i>PLoS ONE</i> , 2011, 6, e27541.	2.5	23
35	Ongoing and future developments at the Universal Protein Resource. <i>Nucleic Acids Research</i> , 2011, 39, D214-D219.	14.5	649
36	From protein sequences to 3D-structures and beyond: the example of the UniProt Knowledgebase. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1049-1064.	5.4	33

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37	The Gene Ontology in 2010: extensions and refinements. <i>Nucleic Acids Research</i> , 2010, 38, D331-D335.	14.5	450
38	The Universal Protein Resource (UniProt) in 2010. <i>Nucleic Acids Research</i> , 2010, 38, D142-D148.	14.5	1,131
39	Practical Applications of the Gene Ontology Resource. , 2010, , 319-339.		0
40	The Renal Gene Ontology Annotation Initiative. <i>Organogenesis</i> , 2010, 6, 71-75.	1.2	13
41	The Universal Protein Resource (UniProt) 2009. <i>Nucleic Acids Research</i> , 2009, 37, D169-D174.	14.5	548
42	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
43	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
44	The GOA database in 2009--an integrated Gene Ontology Annotation resource. <i>Nucleic Acids Research</i> , 2009, 37, D396-D403.	14.5	497
45	QuickGO: a web-based tool for Gene Ontology searching. <i>Bioinformatics</i> , 2009, 25, 3045-3046.	4.1	789
46	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
47	The Gene Ontology " Providing a Functional Role in Proteomic Studies. <i>Proteomics</i> , 2008, 8, .	2.2	29
48	MINT and IntAct contribute to the Second BioCreative challenge: serving the text-mining community with high quality molecular interaction data. <i>Genome Biology</i> , 2008, 9, S5.	9.6	24
49	The Gene Ontology project in 2008. <i>Nucleic Acids Research</i> , 2008, 36, D440-D444.	14.5	699
50	IntAct--open source resource for molecular interaction data. <i>Nucleic Acids Research</i> , 2007, 35, D561-D565.	14.5	701
51	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
52	Cytokinins and gibberellins in sap exudate of the oil palm. <i>Phytochemistry</i> , 2002, 60, 117-127.	2.9	13
53	The plant cell cycle. <i>Current Opinion in Plant Biology</i> , 1999, 2, 440-446.	7.1	77
54	Cytokinin Activation of Arabidopsis Cell Division Through a D-Type Cyclin. <i>Science</i> , 1999, 283, 1541-1544.	12.6	731

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55	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
56	Synthesis and confirmation of structure for a new gibberellin, 2 ¹² -hydroxy-GA12 (GA110), from spinach and oil palm. <i>Phytochemistry</i> , 1998, 47, 331-337.	2.9	11
57	The Gene Ontology Annotation (GOA) Database. <i>Nature Precedings</i> , 0, , .	0.1	14
58	The Gene Ontology Annotation (GOA) Database. <i>Nature Precedings</i> , 0, , .	0.1	0