# Rachael Huntley

List of Publications by Year
in descending order



| 57 | 24,771 | 101384 | 155451 |
|---|---|---|---|
| papers | citations | 36 h-index | 55 g-index |

| 60 | 60 | 60 | 45103 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimerâ€™s Disease Gene Expression Data. Journal of Alzheimer's Disease, 2020, 75, 1417-1435. | 1.2 | 18 |
| 2 | Annotation of gene product function from high-throughput studies using the Gene Ontology. Database: the Journal of Biological Databases and Curation, 2019, 2019, . | 1.4 | 21 |
| 3 | RNAcentral: a hub of information for non-coding RNA sequences. Nucleic Acids Research, 2019, 47, D221-D229. | 6.5 | 153 |
| 4 | The Gene Ontology Resource: 20 years and still GOing strong. Nucleic Acids Research, 2019, 47, D330-D338. | 6.5 | 3,474 |
| 5 | Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimerâ€™s Disease Data. Genes, 2018, 9, 593. | 1.0 | 15 |
| 6 | GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141. | 5.8 | 119 |
| 7 | Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. Circulation Genomic and Precision Medicine, 2018, 11, e001813. | 1.6 | 24 |
| 8 | Expanding the horizons of microRNA bioinformatics. Rna, 2018, 24, 1005-1017. | 1.6 | 27 |
| 9 | MicroRNA Biomarkers and Platelet Reactivity. Circulation Research, 2017, 120, 418-435. | 2.0 | 171 |
| 10 | The Gene Ontology of eukaryotic cilia and flagella. Cilia, 2017, 6, 10. | 1.8 | 6 |
| 11 | Annotation Extensions. Methods in Molecular Biology, 2017, 1446, 233-243. | 0.4 | 5 |
| 12 | Guidelines for the functional annotation of microRNAs using the Gene Ontology. Rna, 2016, 22, 667-676. | 1.6 | 35 |
| 13 | An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184. | 3.8 | 308 |
| 14 | Gene regulation knowledge commons: community action takes care of DNA binding transcription factors. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw088. | 1.4 | 12 |
| 15 | The cardiovascular gene annotation initiative: Impact on data analysis. Atherosclerosis, 2015, 241, e37. | 0.4 | 0 |
| 16 | The GOA database: Gene Ontology annotation updates for 2015. Nucleic Acids Research, 2015, 43, D1057-D1063. | 6.5 | 493 |
| 17 | UniProt: a hub for protein information. Nucleic Acids Research, 2015, 43, D204-D212. | 6.5 | 4,370 |
| 18 | Gene Ontology Consortium: going forward. Nucleic Acids Research, 2015, 43, D1049-D1056. | 6.5 | 2,743 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Representing Kidney Development Using the Gene Ontology. PLoS ONE, 2014, 9, e99864. | 1.1 | 17 |
| 20 | Expert curation in UniProtKB: a case study on dealing with conflicting and erroneous data. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau016-bau016. | 1.4 | 56 |
| 21 | Standardized description of scientific evidence using the Evidence Ontology (ECO). Database: the Journal of Biological Databases and Curation, 2014, 2014, bau075-bau075. | 1.4 | 95 |
| 22 | Activities at the Universal Protein Resource (UniProt). Nucleic Acids Research, 2014, 42, D191-D198. | 6.5 | 1,162 |
| 23 | Understanding how and why the Gene Ontology and its annotations evolve: the GO within UniProt. GigaScience, 2014, 3, 4. | 3.3 | 70 |
| 24 | A method for increasing expressivity of Gene Ontology annotations using a compositional approach. BMC Bioinformatics, 2014, 15, 155. | 1.2 | 78 |
| 25 | 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. | 1.4 | 33 |
| 26 | Use of Gene Ontology Annotation to understand the peroxisome proteome in humans. Database: the Journal of Biological Databases and Curation, 2013, 2013, bas062. | 1.4 | 17 |
| 27 | A guide to best practices for Gene Ontology (GO) manual annotation. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat054-bat054. | 1.4 | 135 |
| 28 | Reorganizing the protein space at the Universal Protein Resource (UniProt). Nucleic Acids Research, 2012, 40, D71-D75. | 6.5 | 1,196 |
| 29 | Update on activities at the Universal Protein Resource (UniProt) in 2013. Nucleic Acids Research, 2012, 41, D43-D47. | 6.5 | 620 |
| 30 | The Gene Ontology: enhancements for 2011. Nucleic Acids Research, 2012, 40, D559-D564. | 6.5 | 191 |
| 31 | Gene Ontology Annotations and Resources. Nucleic Acids Research, 2012, 41, D530-D535. | 6.5 | 456 |
| 32 | The UniProt-GO Annotation database in 2011. Nucleic Acids Research, 2012, 40, D565-D570. | 6.5 | 349 |
| 33 | UniProt Knowledgebase: a hub of integrated protein data. Database: the Journal of Biological Databases and Curation, 2011, 2011, bar009-bar009. | 1.4 | 1,271 |
| 34 | The Impact of Focused Gene Ontology Curation of Specific Mammalian Systems. PLoS ONE, 2011, 6, e27541. | 1.1 | 23 |
| 35 | Ongoing and future developments at the Universal Protein Resource. Nucleic Acids Research, 2011, 39, D214-D219. | 6.5 | 649 |
| 36 | From protein sequences to 3D-structures and beyond: the example of the UniProt Knowledgebase. Cellular and Molecular Life Sciences, 2010, 67, 1049-1064. | 2.4 | 33 |

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|---|---|---|---|
| 37 | The Gene Ontology in 2010: extensions and refinements. Nucleic Acids Research, 2010, 38, D331-D335. | 6.5 | 450 |
| 38 | The Universal Protein Resource (UniProt) in 2010. Nucleic Acids Research, 2010, 38, D142-D148. | 6.5 | 1,131 |
| 39 | Practical Applications of the Gene Ontology Resource. , 2010, , 319-339. | | 0 |
| 40 | The Renal Gene Ontology Annotation Initiative. Organogenesis, 2010, 6, 71-75. | 0.4 | 13 |
| 41 | The Universal Protein Resource (UniProt) 2009. Nucleic Acids Research, 2009, 37, D169-D174. | 6.5 | 548 |
| 42 | QuickGO: a user tutorial for the web-based Gene Ontology browser. Database: the Journal of Biological Databases and Curation, 2009, 2009, bap010. | 1.4 | 42 |
| 43 | The Gene Ontology's Reference Genome Project: A Unified Framework for Functional Annotation across Species. PLoS Computational Biology, 2009, 5, e1000431. | 1.5 | 148 |
| 44 | The GOA database in 2009--an integrated Gene Ontology Annotation resource. Nucleic Acids Research, 2009, 37, D396-D403. | 6.5 | 497 |
| 45 | QuickGO: a web-based tool for Gene Ontology searching. Bioinformatics, 2009, 25, 3045-3046. | 1.8 | 789 |
| 46 | Dissecting regulatory pathways of G1/S control in Arabidopsis: common and distinct targets of CYCD3;1, E2Fa and E2Fc. Plant Molecular Biology, 2009, 71, 345-365. | 2.0 | 50 |
| 47 | The Gene Ontology â€" Providing a Functional Role in Proteomic Studies. Proteomics, 2008, 8, . | 1.3 | 29 |
| 48 | 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. | 13.9 | 24 |
| 49 | The Gene Ontology project in 2008. Nucleic Acids Research, 2008, 36, D440-D444. | 6.5 | 699 |
| 50 | IntAct--open source resource for molecular interaction data. Nucleic Acids Research, 2007, 35, D561-D565. | 6.5 | 701 |
| 51 | D-type cyclins activate division in the root apex to promote seed germination in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15694-15699. | 3.3 | 152 |
| 52 | Cytokinins and gibberellins in sap exudate of the oil palm. Phytochemistry, 2002, 60, 117-127. | 1.4 | 13 |
| 53 | The plant cell cycle. Current Opinion in Plant Biology, 1999, 2, 440-446. | 3.5 | 77 |
| 54 | Cytokinin Activation of Arabidopsis Cell Division Through a D-Type Cyclin. Science, 1999, 283, 1541-1544. | 6.0 | 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. Plant Molecular Biology, 1998, 37, 155-169. | 2.0 | 147 |
| 56 | Synthesis and confirmation of structure for a new gibberellin, 2Î²-hydroxy-GA12 (GA110), from spinach and oil palm. Phytochemistry, 1998, 47, 331-337. | 1.4 | 11 |
| 57 | The Gene Ontology Annotation (GOA) Database. Nature Precedings, 0, , . | 0.1 | 14 |