

# Huaiyu Mi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1783005/publications.pdf>

Version: 2024-02-01

40  
papers

40,263  
citations

212478

28  
h-index

388640

36  
g-index

44  
all docs

44  
docs citations

44  
times ranked

67276  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sequence of the Human Genome. <i>Science</i> , 2001, 291, 1304-1351.	6.0	12,623
2	PANTHER: A Library of Protein Families and Subfamilies Indexed by Function. <i>Genome Research</i> , 2003, 13, 2129-2141.	2.4	2,703
3	PANTHER version 14: more genomes, a new PANTHER GO-slim and improvements in enrichment analysis tools. <i>Nucleic Acids Research</i> , 2019, 47, D419-D426.	6.5	2,455
4	The Gene Ontology resource: enriching a GOld mine. <i>Nucleic Acids Research</i> , 2021, 49, D325-D334.	6.5	2,416
5	Large-scale gene function analysis with the PANTHER classification system. <i>Nature Protocols</i> , 2013, 8, 1551-1566.	5.5	2,276
6	PANTHER version 11: expanded annotation data from Gene Ontology and Reactome pathways, and data analysis tool enhancements. <i>Nucleic Acids Research</i> , 2017, 45, D183-D189.	6.5	2,113
7	PANTHER in 2013: modeling the evolution of gene function, and other gene attributes, in the context of phylogenetic trees. <i>Nucleic Acids Research</i> , 2012, 41, D377-D386.	6.5	1,536
8	The InterPro protein families and domains database: 20 years on. <i>Nucleic Acids Research</i> , 2021, 49, D344-D354.	6.5	1,385
9	InterPro in 2017â€”beyond protein family and domain annotations. <i>Nucleic Acids Research</i> , 2017, 45, D190-D199.	6.5	1,358
10	InterPro in 2019: improving coverage, classification and access to protein sequence annotations. <i>Nucleic Acids Research</i> , 2019, 47, D351-D360.	6.5	1,291
11	The InterPro protein families database: the classification resource after 15 years. <i>Nucleic Acids Research</i> , 2015, 43, D213-D221.	6.5	1,205
12	Protocol Update for large-scale genome and gene function analysis with the PANTHER classification system (v.14.0). <i>Nature Protocols</i> , 2019, 14, 703-721.	5.5	1,041
13	PANTHER version 16: a revised family classification, tree-based classification tool, enhancer regions and extensive API. <i>Nucleic Acids Research</i> , 2021, 49, D394-D403.	6.5	990
14	The Systems Biology Graphical Notation. <i>Nature Biotechnology</i> , 2009, 27, 735-741.	9.4	828
15	PANTHER version 10: expanded protein families and functions, and analysis tools. <i>Nucleic Acids Research</i> , 2016, 44, D336-D342.	6.5	790
16	The PANTHER database of protein families, subfamilies, functions and pathways. <i>Nucleic Acids Research</i> , 2004, 33, D284-D288.	6.5	686
17	The BioPAX community standard for pathway data sharing. <i>Nature Biotechnology</i> , 2010, 28, 935-942.	9.4	613
18	PANTHER: a browsable database of gene products organized by biological function, using curated protein family and subfamily classification. <i>Nucleic Acids Research</i> , 2003, 31, 334-341.	6.5	578

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19	PANTHER Pathway: An Ontology-Based Pathway Database Coupled with Data Analysis Tools. <i>Methods in Molecular Biology</i> , 2009, 563, 123-140.	0.4	575
20	PANTHER version 7: improved phylogenetic trees, orthologs and collaboration with the Gene Ontology Consortium. <i>Nucleic Acids Research</i> , 2010, 38, D204-D210.	6.5	553
21	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	3.8	518
22	Applications for protein sequence-function evolution data: mRNA/protein expression analysis and coding SNP scoring tools. <i>Nucleic Acids Research</i> , 2006, 34, W645-W650.	6.5	487
23	<scp>PANTHER</scp>: Making genome-scale phylogenetics accessible to all. <i>Protein Science</i> , 2022, 31, 8-22.	3.1	467
24	PANTHER version 6: protein sequence and function evolution data with expanded representation of biological pathways. <i>Nucleic Acids Research</i> , 2007, 35, D247-D252.	6.5	333
25	<scp>SBML</scp> Level 3: an extensible format for the exchange and reuse of biological models. <i>Molecular Systems Biology</i> , 2020, 16, e9110.	3.2	178
26	Gene Ontology Causal Activity Modeling (GO-CAM) moves beyond GO annotations to structured descriptions of biological functions and systems. <i>Nature Genetics</i> , 2019, 51, 1429-1433.	9.4	76
27	Systems Biology Graphical Notation: Process Description language Level 1 Version 2.0. <i>Journal of Integrative Bioinformatics</i> , 2019, 16, .	1.0	43
28	Assessment of Genome-Wide Protein Function Classification for <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2003, 13, 2118-2128.	2.4	40
29	PhyloGenes: An online phylogenetics and functional genomics resource for plant gene function inference. <i>Plant Direct</i> , 2020, 4, e00293.	0.8	23
30	Reactome and the Gene Ontology: digital convergence of data resources. <i>Bioinformatics</i> , 2021, 37, 3343-3348.	1.8	19
31	BioPAX support in CellDesigner. <i>Bioinformatics</i> , 2011, 27, 3437-3438.	1.8	18
32	PharmGKB summary. <i>Pharmacogenetics and Genomics</i> , 2011, 21, 350-356.	0.7	13
33	Large-scale inference of gene function through phylogenetic annotation of Gene Ontology terms: case study of the apoptosis and autophagy cellular processes. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw155.	1.4	12
34	PEREGRINE: A genome-wide prediction of enhancer to gene relationships supported by experimental evidence. <i>PLoS ONE</i> , 2020, 15, e0243791.	1.1	12
35	Ontologies and Standards in Bioscience Research: For Machine or for Human. <i>Frontiers in Physiology</i> , 2011, 2, 5.	1.3	7
36	Bayesian parameter estimation for automatic annotation of gene functions using observational data and phylogenetic trees. <i>PLoS Computational Biology</i> , 2021, 17, e1007948.	1.5	0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 15, e0243791.		0
38	Title is missing!. , 2020, 15, e0243791.		0
39	Title is missing!.. , 2020, 15, e0243791.		0
40	Title is missing!.. , 2020, 15, e0243791.		0