

David P Hill

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

37,671
citations

623188

14
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

57454
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Ontology: tool for the unification of biology. <i>Nature Genetics</i> , 2000, 25, 25-29.	9.4	34,499
2	The Gene Ontology resource: enriching a GOld mine. <i>Nucleic Acids Research</i> , 2021, 49, D325-D334.	6.5	2,416
3	Gene Ontology annotations: what they mean and where they come from. <i>BMC Bioinformatics</i> , 2008, 9, S2.	1.2	124
4	Cross-product extensions of the Gene Ontology. <i>Journal of Biomedical Informatics</i> , 2011, 44, 80-86.	2.5	96
5	A method for increasing expressivity of Gene Ontology annotations using a compositional approach. <i>BMC Bioinformatics</i> , 2014, 15, 155.	1.2	78
6	Cisplatin-resistant triple-negative breast cancer subtypes: multiple mechanisms of resistance. <i>BMC Cancer</i> , 2019, 19, 1039.	1.1	77
7	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
8	Exploring autophagy with Gene Ontology. <i>Autophagy</i> , 2018, 14, 419-436.	4.3	64
9	Harmonizing model organism data in the Alliance of Genome Resources. <i>Genetics</i> , 2022, 220, .	1.2	52
10	PROGRAM DESCRIPTION. <i>Genomics</i> , 2001, 74, 121-128.	1.3	47
11	Dovetailing biology and chemistry: integrating the Gene Ontology with the ChEBI chemical ontology. <i>BMC Genomics</i> , 2013, 14, 513.	1.2	45
12	TermGenie – a web-application for pattern-based ontology class generation. <i>Journal of Biomedical Semantics</i> , 2014, 5, 48.	0.9	30
13	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.	1.6	24
14	Reactome and the Gene Ontology: digital convergence of data resources. <i>Bioinformatics</i> , 2021, 37, 3343-3348.	1.8	19
15	Modeling biochemical pathways in the gene ontology. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw126.	1.4	11
16	Term Matrix: a novel Gene Ontology annotation quality control system based on ontology term co-annotation patterns. <i>Open Biology</i> , 2020, 10, 200149.	1.5	7
17	Methodology for the inference of gene function from phenotype data. <i>BMC Bioinformatics</i> , 2014, 15, 405.	1.2	5