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List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

11,027
citations

567281

15
h-index

526287

27
g-index

36
all docs

36
docs citations

36
times ranked

24288
citing authors

#	ARTICLE	IF	CITATIONS
1	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
2	WikiPathways: a multifaceted pathway database bridging metabolomics to other omics research. <i>Nucleic Acids Research</i> , 2018, 46, D661-D667.	14.5	708
3	WikiPathways: connecting communities. <i>Nucleic Acids Research</i> , 2021, 49, D613-D621.	14.5	519
4	WikiPathways: capturing the full diversity of pathway knowledge. <i>Nucleic Acids Research</i> , 2016, 44, D488-D494.	14.5	380
5	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , 2020, 2, 10-29.	1.5	149
6	Wikidata as a knowledge graph for the life sciences. <i>ELife</i> , 2020, 9, .	6.0	76
7	Identifying sigma factors in <i>Mycobacterium smegmatis</i> by comparative genomic analysis. <i>Trends in Microbiology</i> , 2005, 13, 505-509.	7.7	60
8	Wikidata as a semantic framework for the Gene Wiki initiative. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw015.	3.0	47
9	The public road to high-quality curated biological pathways. <i>Drug Discovery Today</i> , 2008, 13, 856-862.	6.4	44
10	Applying linked data approaches to pharmacology: Architectural decisions and implementation. <i>Semantic Web</i> , 2014, 5, 101-113.	1.9	41
11	Using the Semantic Web for Rapid Integration of WikiPathways with Other Biological Online Data Resources. <i>PLoS Computational Biology</i> , 2016, 12, e1004989.	3.2	33
12	The Application of the Open Pharmacological Concepts Triple Store (Open PHACTS) to Support Drug Discovery Research. <i>PLoS ONE</i> , 2014, 9, e115460.	2.5	31
13	Complex Portal 2022: new curation frontiers. <i>Nucleic Acids Research</i> , 2022, 50, D578-D586.	14.5	27
14	WikiGenomes: an open web application for community consumption and curation of gene annotation data in Wikidata. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	25
15	Using Shape Expressions (ShEx) to Share RDF Data Models and to Guide Curation with Rigorous Validation. <i>Lecture Notes in Computer Science</i> , 2019, , 606-620.	1.3	19
16	The role of bioinformatics in pathway curation. <i>Genes and Nutrition</i> , 2008, 3, 139-142.	2.5	14
17	Pathway Enrichment Based on Text Mining and Its Validation on Carotenoid and Vitamin A Metabolism. <i>OMICS A Journal of Integrative Biology</i> , 2009, 13, 367-379.	2.0	14
18	A protocol for adding knowledge to Wikidata: aligning resources on human coronaviruses. <i>BMC Biology</i> , 2021, 19, 12.	3.8	14

#	ARTICLE	IF	CITATIONS
19	Ten simple rules for creating reusable pathway models for computational analysis and visualization. PLoS Computational Biology, 2021, 17, e1009226.	3.2	13
20	Centralizing content and distributing labor: a community model for curating the very long tail of microbial genomes. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw028.	3.0	9
21	Wikidata as a linked-data hub for Biodiversity data. Biodiversity Information Science and Standards, 0, 3, .	0.0	8
22	Explicit interaction information from WikiPathways in RDF facilitates drug discovery in the Open PHACTS Discovery Platform. F1000Research, 2018, 7, 75.	1.6	7
23	Explicit interaction information from WikiPathways in RDF facilitates drug discovery in the Open PHACTS Discovery Platform. F1000Research, 2018, 7, 75.	1.6	6
24	ChlamBase: a curated model organism database for the Chlamydia research community. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	5
25	Using Crowd-curation to Improve Taxon Annotations on the Wikimedia Infrastructure. Biodiversity Information Science and Standards, 0, 3, .	0.0	2
26	Nature Europe site should highlight most productive countries. Nature, 2010, 465, 685-685.	27.8	1
27	Understanding signaling and metabolic paths using semantified and harmonized information about biological interactions. PLoS ONE, 2022, 17, e0263057.	2.5	1
28	Linking Data and Descriptions on Moths Using the Wikimedia Ecosystem. Biodiversity Information Science and Standards, 0, 5, .	0.0	0
29	Participative Decision Making and the Sharing of Benefits: Laws, ethics, and data protection for building extended global communities. Biodiversity Information Science and Standards, 0, 5, .	0.0	0