

MÃ©lanie Courtot

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

6,000
citations

257101

24
h-index

414034

32
g-index

39
all docs

39
docs citations

39
times ranked

9654
citing authors

#	ARTICLE	IF	CITATIONS
1	BioSamples database: FAIRer samples metadata to accelerate research data management. <i>Nucleic Acids Research</i> , 2022, 50, D1500-D1507.	6.5	28
2	ELIXIR biovalidator for semantic validation of life science metadata. <i>Bioinformatics</i> , 2022, 38, 3141-3142.	1.8	1
3	The GA4GH Phenopacket schema defines a computable representation of clinical data. <i>Nature Biotechnology</i> , 2022, 40, 817-820.	9.4	38
4	The European Nucleotide Archive in 2020. <i>Nucleic Acids Research</i> , 2021, 49, D82-D85.	6.5	96
5	OBO Foundry in 2021: operationalizing open data principles to evaluate ontologies. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	77
6	Empirical validation of an automated approach to data use oversight. <i>Cell Genomics</i> , 2021, 1, 100031.	3.0	17
7	The Data Use Ontology to streamline responsible access to human biomedical datasets. <i>Cell Genomics</i> , 2021, 1, 100028.	3.0	31
8	GA4GH Passport standard for digital identity and access permissions. <i>Cell Genomics</i> , 2021, 1, 100030.	3.0	18
9	GA4GH: International policies and standards for data sharing across genomic research and healthcare. <i>Cell Genomics</i> , 2021, 1, 100029.	3.0	94
10	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , 2020, 2, 10-29.	0.8	149
11	<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
12	BioSamples database: an updated sample metadata hub. <i>Nucleic Acids Research</i> , 2019, 47, D1172-D1178.	6.5	46
13	Dead simple OWL design patterns. <i>Journal of Biomedical Semantics</i> , 2017, 8, 18.	0.9	39
14	CARD 2017: expansion and model-centric curation of the comprehensive antibiotic resistance database. <i>Nucleic Acids Research</i> , 2017, 45, D566-D573.	6.5	2,063
15	Ontobee: A linked ontology data server to support ontology term dereferencing, linkage, query and integration. <i>Nucleic Acids Research</i> , 2017, 45, D347-D352.	6.5	110
16	Prospects for Fungal Bioremediation of Acidic Radioactive Waste Sites: Characterization and Genome Sequence of <i>Rhodotorula taiwanensis</i> MD1149. <i>Frontiers in Microbiology</i> , 2017, 8, 2528.	1.5	53
17	Identifiers for the 21st century: How to design, provision, and reuse persistent identifiers to maximize utility and impact of life science data. <i>PLoS Biology</i> , 2017, 15, e2001414.	2.6	97
18	The Ontology for Biomedical Investigations. <i>PLoS ONE</i> , 2016, 11, e0154556.	1.1	217

#	ARTICLE	IF	CITATIONS
19	From data repositories to submission portals: rethinking the role of domain-specific databases in CollecTF. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw055.	1.4	20
20	Finding Our Way through Phenotypes. PLoS Biology, 2015, 13, e1002033.	2.6	178
21	flowCL: ontology-based cell population labelling in flow cytometry. Bioinformatics, 2015, 31, 1337-1339.	1.8	25
22	The Logic of Surveillance Guidelines: An Analysis of Vaccine Adverse Event Reports from an Ontological Perspective. PLoS ONE, 2014, 9, e92632.	1.1	10
23	Overcoming the ontology enrichment bottleneck with Quick Term Templates. Applied Ontology, 2011, 6, 13-22.	1.0	7
24	MIREOT: The minimum information to reference an external ontology term. Applied Ontology, 2011, 6, 23-33.	1.0	78
25	Controlled vocabularies and semantics in systems biology. Molecular Systems Biology, 2011, 7, 543.	3.2	246
26	OntoFox: web-based support for ontology reuse. BMC Research Notes, 2010, 3, 175.	0.6	145
27	Modeling biomedical experimental processes with OBI. Journal of Biomedical Semantics, 2010, 1, S7.	0.9	207
28	BioModels.net Web Services, a free and integrated toolkit for computational modelling software. Briefings in Bioinformatics, 2010, 11, 270-277.	3.2	50
29	The Systems Biology Graphical Notation. Nature Biotechnology, 2009, 27, 735-741.	9.4	828
30	Structural genomics on membrane proteins: comparison of more than 100 GPCRs in 3 expression systems. Journal of Structural and Functional Genomics, 2007, 7, 77-91.	1.2	111
31	BioModels Database: a free, centralized database of curated, published, quantitative kinetic models of biochemical and cellular systems. Nucleic Acids Research, 2006, 34, D689-D691.	6.5	661
32	Overcoming the Ontology Enrichment Bottleneck with Quick Term Templates. Nature Precedings, 0, , .	0.1	6
33	VO: Vaccine Ontology. Nature Precedings, 0, , .	0.1	21
34	Recommendations for the formatting of Variant Call Format (VCF) files to make plant genotyping data FAIR. F1000Research, 0, 11, 231.	0.8	2
35	Recommendations for the formatting of Variant Call Format (VCF) files to make plant genotyping data FAIR. F1000Research, 0, 11, 231.	0.8	4