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List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

11,017
citations

331642

21
h-index

315719

38
g-index

51
all docs

51
docs citations

51
times ranked

22992
citing authors

#	ARTICLE	IF	CITATIONS
1	Ten simple rules for making a vocabulary FAIR. <i>PLoS Computational Biology</i> , 2021, 17, e1009041.	3.2	21
2	ISA API: An open platform for interoperable life science experimental metadata. <i>GigaScience</i> , 2021, 10, .	6.4	19
3	Community standards for open cell migration data. <i>GigaScience</i> , 2020, 9, .	6.4	12
4	The Data Tags Suite (DATS) model for discovering data access and use requirements. <i>GigaScience</i> , 2020, 9, .	6.4	9
5	Semantic concept schema of the linear mixed model of experimental observations. <i>Scientific Data</i> , 2020, 7, 70.	5.3	8
6	Fostering global data sharing: highlighting the recommendations of the Research Data Alliance COVID-19 working group. <i>Wellcome Open Research</i> , 2020, 5, 267.	1.8	11
7	Fostering global data sharing: highlighting the recommendations of the Research Data Alliance COVID-19 working group. <i>Wellcome Open Research</i> , 2020, 5, 267.	1.8	6
8	Interoperable and scalable data analysis with microservices: applications in metabolomics. <i>Bioinformatics</i> , 2019, 35, 3752-3760.	4.1	22
9	FAIRsharing as a community approach to standards, repositories and policies. <i>Nature Biotechnology</i> , 2019, 37, 358-367.	17.5	228
10	Editorial: Special Issue on Scholarly Data Analysis (Semantics, Analytics, Visualisation). <i>Data Science</i> , 2019, 2, 177-179.	0.9	1
11	PhenoMeNal: processing and analysis of metabolomics data in the cloud. <i>GigaScience</i> , 2019, 8, .	6.4	60
12	DataMed "an open source discovery index for finding biomedical datasets. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 300-308.	4.4	54
13	Data discovery with DATS: exemplar adoptions and lessons learned. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 13-16.	4.4	5
14	Finding useful data across multiple biomedical data repositories using DataMed. <i>Nature Genetics</i> , 2017, 49, 816-819.	21.4	77
15	DATS, the data tag suite to enable discoverability of datasets. <i>Scientific Data</i> , 2017, 4, 170059.	5.3	67
16	Four simple recommendations to encourage best practices in research software. <i>F1000Research</i> , 2017, 6, 876.	1.6	88
17	The future of metabolomics in ELIXIR. <i>F1000Research</i> , 2017, 6, 1649.	1.6	19
18	The future of metabolomics in ELIXIR. <i>F1000Research</i> , 2017, 6, 1649.	1.6	11

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19	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.	5.6	97
20	The Ontology for Biomedical Investigations. <i>PLoS ONE</i> , 2016, 11, e0154556.	2.5	217
21	BioSharing: curated and crowd-sourced metadata standards, databases and data policies in the life sciences. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw075.	3.0	84
22	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
23	Data standards can boost metabolomics research, and if there is a will, there is a way. <i>Metabolomics</i> , 2016, 12, 14.	3.0	97
24	The health care and life sciences community profile for dataset descriptions. <i>PeerJ</i> , 2016, 4, e2331.	2.0	18
25	Hybrid service matchmaking in ambient assisted living environments based on context-aware service modeling. <i>Cluster Computing</i> , 2015, 18, 1171-1188.	5.0	8
26	The center for expanded data annotation and retrieval. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1148-1152.	4.4	74
27	From Peer-Reviewed to Peer-Reproduced in Scholarly Publishing: The Complementary Roles of Data Models and Workflows in Bioinformatics. <i>PLoS ONE</i> , 2015, 10, e0127612.	2.5	27
28	The Risa R/Bioconductor package: integrative data analysis from experimental metadata and back again. <i>BMC Bioinformatics</i> , 2014, 15, S11.	2.6	22
29	EBI metagenomicsâ€”a new resource for the analysis and archiving of metagenomic data. <i>Nucleic Acids Research</i> , 2014, 42, D600-D606.	14.5	127
30	linkedISA: semantic representation of ISA-Tab experimental metadata. <i>BMC Bioinformatics</i> , 2014, 15, S4.	2.6	49
31	OntoMaton: a Bioportal powered ontology widget for Google Spreadsheets. <i>Bioinformatics</i> , 2013, 29, 525-527.	4.1	49
32	MetaboLightsâ€”an open-access general-purpose repository for metabolomics studies and associated meta-data. <i>Nucleic Acids Research</i> , 2013, 41, D781-D786.	14.5	578
33	The MetaboLights repository: curation challenges in metabolomics. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat029.	3.0	46
34	Bio-GraphIn: a graph-based, integrative and semantically-enabled repository for life science experimental data. <i>EMBnet Journal</i> , 2013, 19, 46.	0.6	9
35	Guidelines for information about therapy experiments: a proposal on best practice for recording experimental data on cancer therapy. <i>BMC Research Notes</i> , 2012, 5, 10.	1.4	1
36	Establishing a knowledge trail from molecular experiments to clinical trials. <i>New Biotechnology</i> , 2011, 28, 464-480.	4.4	2

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37	Meeting Report from the Second “Minimum Information for Biological and Biomedical Investigations” (MIBBI) workshop. <i>Standards in Genomic Sciences</i> , 2010, 3, 259-266.	1.5	32
38	Range queries over skip tree graphs. <i>Computer Communications</i> , 2008, 31, 358-374.	5.1	25
39	Radical collaboration during a global health emergency: development of the RDA COVID-19 data sharing recommendations and guidelines. <i>Open Research Europe</i> , 0, 1, 69.	2.0	3
40	COPO: a metadata platform for brokering FAIR data in the life sciences. <i>F1000Research</i> , 0, 9, 495.	1.6	27