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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8856239/publications.pdf>

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	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
2	MetaboLights“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
3	FAIRsharing as a community approach to standards, repositories and policies. <i>Nature Biotechnology</i> , 2019, 37, 358-367.	17.5	228
4	The Ontology for Biomedical Investigations. <i>PLoS ONE</i> , 2016, 11, e0154556.	2.5	217
5	EBI metagenomics“a new resource for the analysis and archiving of metagenomic data. <i>Nucleic Acids Research</i> , 2014, 42, D600-D606.	14.5	127
6	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
7	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
8	Four simple recommendations to encourage best practices in research software. <i>F1000Research</i> , 2017, 6, 876.	1.6	88
9	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
10	Finding useful data across multiple biomedical data repositories using DataMed. <i>Nature Genetics</i> , 2017, 49, 816-819.	21.4	77
11	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
12	DATS, the data tag suite to enable discoverability of datasets. <i>Scientific Data</i> , 2017, 4, 170059.	5.3	67
13	PhenoMeNal: processing and analysis of metabolomics data in the cloud. <i>GigaScience</i> , 2019, 8, .	6.4	60
14	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
15	OntoMaton: a Bioportal powered ontology widget for Google Spreadsheets. <i>Bioinformatics</i> , 2013, 29, 525-527.	4.1	49
16	linkedISA: semantic representation of ISA-Tab experimental metadata. <i>BMC Bioinformatics</i> , 2014, 15, S4.	2.6	49
17	The MetaboLights repository: curation challenges in metabolomics. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat029.	3.0	46
18	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

#	ARTICLE	IF	CITATIONS
19	COPO: a metadata platform for brokering FAIR data in the life sciences. F1000Research, 0, 9, 495.	1.6	27
20	From Peer-Reviewed to Peer-Reproduced in Scholarly Publishing: The Complementary Roles of Data Models and Workflows in Bioinformatics. PLoS ONE, 2015, 10, e0127612.	2.5	27
21	Range queries over skip tree graphs. Computer Communications, 2008, 31, 358-374.	5.1	25
22	The Risa R/Bioconductor package: integrative data analysis from experimental metadata and back again. BMC Bioinformatics, 2014, 15, S11.	2.6	22
23	Interoperable and scalable data analysis with microservices: applications in metabolomics. Bioinformatics, 2019, 35, 3752-3760.	4.1	22
24	Ten simple rules for making a vocabulary FAIR. PLoS Computational Biology, 2021, 17, e1009041.	3.2	21
25	ISA API: An open platform for interoperable life science experimental metadata. GigaScience, 2021, 10, .	6.4	19
26	The future of metabolomics in ELIXIR. F1000Research, 2017, 6, 1649.	1.6	19
27	The health care and life sciences community profile for dataset descriptions. PeerJ, 2016, 4, e2331.	2.0	18
28	Community standards for open cell migration data. GigaScience, 2020, 9, .	6.4	12
29	Fostering global data sharing: highlighting the recommendations of the Research Data Alliance COVID-19 working group. Wellcome Open Research, 2020, 5, 267.	1.8	11
30	The future of metabolomics in ELIXIR. F1000Research, 2017, 6, 1649.	1.6	11
31	The Data Tags Suite (DATS) model for discovering data access and use requirements. GigaScience, 2020, 9, .	6.4	9
32	Bio-GraphIn: a graph-based, integrative and semantically-enabled repository for life science experimental data. EMBnet Journal, 2013, 19, 46.	0.6	9
33	Hybrid service matchmaking in ambient assisted living environments based on context-aware service modeling. Cluster Computing, 2015, 18, 1171-1188.	5.0	8
34	Semantic concept schema of the linear mixed model of experimental observations. Scientific Data, 2020, 7, 70.	5.3	8
35	Fostering global data sharing: highlighting the recommendations of the Research Data Alliance COVID-19 working group. Wellcome Open Research, 2020, 5, 267.	1.8	6
36	Data discovery with DATS: exemplar adoptions and lessons learned. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 13-16.	4.4	5

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37	Radical collaboration during a global health emergency: development of the RDA COVID-19 data sharing recommendations and guidelines. Open Research Europe, 0, 1, 69.	2.0	3
38	Establishing a knowledge trail from molecular experiments to clinical trials. New Biotechnology, 2011, 28, 464-480.	4.4	2
39	Guidelines for information about therapy experiments: a proposal on best practice for recording experimental data on cancer therapy. BMC Research Notes, 2012, 5, 10.	1.4	1
40	Editorial: Special Issue on Scholarly Data Analysis (Semantics, Analytics, Visualisation). Data Science, 2019, 2, 177-179.	0.9	1