

The FAIR Guiding Principles for scientific data management

Scientific Data

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Research data management at Elsevier: Supporting networks of data and workflows. Information Services and Use, 2016, 36, 49-55.	0.1	7
2	Embracing Complexity beyond Systems Medicine: A New Approach to Chronic Immune Disorders. Frontiers in Immunology, 2016, 7, 587.	2.2	24
3	Data Citation in Neuroimaging: Proposed Best Practices for Data Identification and Attribution. Frontiers in Neuroinformatics, 2016, 10, 34.	1.3	11
4	Design of data aggregation unit for high energy physics experiments. , 2016, , .		0
5	Publishing FAIR Data: An Exemplar Methodology Utilizing PHI-Base. Frontiers in Plant Science, 2016, 7, 641.	1.7	25
6	BioSharing: curated and crowd-sourced metadata standards, databases and data policies in the life sciences. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw075.	1.4	84
7	Measures for interoperability of phenotypic data: minimum information requirements and formatting. Plant Methods, 2016, 12, 44.	1.9	109
8	Blowing a breath of fresh share on data. Journal of Computer-Aided Molecular Design, 2016, 30, 1143-1147.	1.3	1
9	Reproducibility will only come with data liberation. Science Translational Medicine, 2016, 8, 339ed7.	5.8	9
10	I'll take that to go: Big data bags and minimal identifiers for exchange of large, complex datasets. , 2016, , .		33
11	Databases and bioinformatics tools for rice research. Current Plant Biology, 2016, 7-8, 39-52.	2.3	18
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14	Redefining "stress resistance genes"™, and why it matters. Journal of Experimental Botany, 2016, 67, 5588-5591.	2.4	7
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20	A Functional Genomics Approach to Understand Variation in Cytokine Production in Humans. <i>Cell</i> , 2016, 167, 1099-1110.e14.	13.5	275
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22	Administrative social science data: The challenge of reproducible research. <i>Big Data and Society</i> , 2016, 3, 205395171668414.	2.6	19
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24	Minimizing publication bias in <i>Epilepsia Open</i> : Negative or confirmatory studies and preliminary reports. <i>Epilepsia Open</i> , 2016, 1, 74-75.	1.3	0
25	Making sense of big data in health research: Towards an EU action plan. <i>Genome Medicine</i> , 2016, 8, 71.	3.6	190
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48	Finding useful data across multiple biomedical data repositories using DataMed. Nature Genetics, 2017, 49, 816-819.	9.4	77
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1859	Marine Bioprospecting and Intellectual Property. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 1-17.	0.0	0
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1889	An empirical meta-analysis of the life sciences linked open data on the web. <i>Scientific Data</i> , 2021, 8, 24.	2.4	10
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1896	Publicâ€Private Partnership in Biobanking: The Model of the BBMRI-ERIC Expert Centre. , 2021, , 175-186.		0
1897	Ten principles for generating accessible and useable COVIDâ€19 environmental science and a fitâ€forâ€purpose evidence base. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12041.	0.8	8
1898	Streamlining data-intensive biology with workflow systems. <i>GigaScience</i> , 2021, 10, .	3.3	32
1899	Reinventing Library Research Support Services at Griffith University. <i>Advances in Library and Information Science</i> , 2020, , 267-289.	0.2	2
1900	Challenges of combining structured and unstructured data in corpus development. <i>Research in Corpus Linguistics</i> , 2021, 9, i-viii.	0.3	0
1901	Standards and Best Practices for Monitoring and Benchmarking Insects. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	1.1	99
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1925	Chapter 6 Big Data and FAIR Data for Data Science. <i>Lecture Notes in Computer Science</i> , 2021, , 105-117.	1.0	5
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1929	Reproducibility and efficiency in handling complex neurophysiological data. <i>Neuroforum</i> , 2021, .	0.2	3
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1931	Correlative multimodal imaging: Building a community. <i>Methods in Cell Biology</i> , 2021, 162, 417-430.	0.5	6
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1934	Increasing metadata coverage of SRA BioSample entries using deep learningâ€‘based named entity recognition. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	13
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1939	The German Business Panel: Insights on Corporate Taxation and Accounting during the COVID-19 Pandemic. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
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1943	Bayesian statistics and modelling. Nature Reviews Methods Primers, 2021, 1, .	11.8	419
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1955	HPC and Data: When Two Becomes One. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2021, , 14-25.	0.2	0
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1962	Microbiome Metadata Standards: Report of the National Microbiome Data Collaborative's™s Workshop and Follow-On Activities. <i>MSystems</i> , 2021, 6, .	1.7	28
1963	Metadata standards and practical guidelines for specimen and DNA curation when building barcode reference libraries for aquatic life. <i>Metabarcoding and Metagenomics</i> , 0, 5, .	0.0	29
1965	Implementing FAIR data management within the German Network for Bioinformatics Infrastructure (de.NBI) exemplified by selected use cases. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	18
1966	Geology in an Online World. <i>GSA Today</i> , 2021, 31, 4-7.	1.1	4
1967	Data hygiene factors. <i>Patterns</i> , 2021, 2, 100207.	3.1	1
1968	Evidence-based interventions to reduce mortality among preterm and low-birthweight neonates in low-income and middle-income countries: a systematic review and meta-analysis. <i>BMJ Global Health</i> , 2021, 6, e003618.	2.0	16
1970	Novel tools and methods for designing and wrangling multifunctional, machine-readable evidence synthesis databases. <i>Environmental Evidence</i> , 2021, 10, .	1.1	3
1971	A climate service for ecologists: sharing pre-processed EURO-CORDEX regional climate scenario data using the eLTER Information System. <i>Earth System Science Data</i> , 2021, 13, 631-644.	3.7	7
1972	The SIRAH-CoV-2 Initiative: A Coarse-Grained Simulations' Dataset of the SARS-CoV-2 Proteome. <i>Frontiers in Medical Technology</i> , 2021, 3, 644039.	1.3	12
1974	Influenza and Respiratory Virus Surveillance, Vaccine Uptake, and Effectiveness at a Time of Cocirculating COVID-19: Protocol for the English Primary Care Sentinel System for 2020-2021. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24341.	1.2	22
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1976	Making radiotherapy more efficient with FAIR data. <i>Physica Medica</i> , 2021, 82, 158-162.	0.4	8
1977	Towards implementing artificial intelligence post-processing in weather and climate: proposed actions from the Oxford 2019 workshop. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200091.	1.6	23
1978	Enzyme engineering and its industrial applications. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 389-409.	1.4	44
1979	Ontogeny of Hepatic Transporters and Drug-Metabolizing Enzymes in Humans and in Nonclinical Species. <i>Pharmacological Reviews</i> , 2021, 73, 597-678.	7.1	60
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1984	BioContainers Registry: Searching Bioinformatics and Proteomics Tools, Packages, and Containers. Journal of Proteome Research, 2021, 20, 2056-2061.	1.8	19
1985	Warum sich Forschende um Archive, Zugänge und die Nutzung bildungswissenschaftlicher Forschungsdaten kümmern sollten – historische und informationswissenschaftliche Perspektiven. Erziehungswissenschaft, 2021, 31, 9-20.	0.0	0
1986	Using Machine Learning to Collect and Facilitate Remote Access to Biomedical Databases: Development of the Biomedical Database Inventory. JMIR Medical Informatics, 2021, 9, e22976.	1.3	0
1987	Establishing the integrated science of movement: bringing together concepts and methods from animal and human movement analysis. International Journal of Geographical Information Science, 2021, 35, 1273-1308.	2.2	22
1989	Computational compound screening of biomolecules and soft materials by molecular simulations. Modelling and Simulation in Materials Science and Engineering, 2021, 29, 023001.	0.8	15
1990	Accessing European Strong-Motion Data: An Update on ORFEUS Coordinated Services. Seismological Research Letters, 2021, 92, 1642-1658.	0.8	12
1991	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	3.9	81
1992	Repository Approaches to Improving the Quality of Shared Data and Code. Data, 2021, 6, 15.	1.2	9
1993	Founding <i>Limnology & Oceanography Letters</i>: The challenges, risks, and rewards of launching a new scientific journal. Limnology and Oceanography Letters, 2021, 6, 227-231.	1.6	2
1994	The SWATH-D Seismological Network in the Eastern Alps. Seismological Research Letters, 2021, 92, 1592-1609.	0.8	12
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1998	Ten simple rules for navigating the computational aspect of an interdisciplinary PhD. PLoS Computational Biology, 2021, 17, e1008554.	1.5	2
1999	Rethinking data and metadata in the age of machine intelligence. Patterns, 2021, 2, 100208.	3.1	1
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2005	Barely sufficient practices in scientific computing. <i>Patterns</i> , 2021, 2, 100206.	3.1	5
2006	A restructured and updated global soil respiration database (SRDB-V5). <i>Earth System Science Data</i> , 2021, 13, 255-267.	3.7	42
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2009	Building kinetic models for metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2021, 67, 35-41.	3.3	30
2010	A roadmap for the generation of benchmarking resources for antimicrobial resistance detection using next generation sequencing. <i>F1000Research</i> , 0, 10, 80.	0.8	8
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2013	Is Sharing Datasets the Answer to the New Challenges of Reproductive Biology Research?. <i>Reproductive Sciences</i> , 2021, 28, 1023-1025.	1.1	1
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2041	Collective knowledge: organizing research projects as a database of reusable components and portable workflows with common interfaces. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200211.	1.6	6
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