Matthew S Mayernik

List of Publications by Year
in descending order

53 papers	1,060 citations	623188 14 h-index	476904 29 g-index
55 all docs	55 docs citations	55 times ranked	1072 citing authors

#	Article	IF	Citations
1	Science friction: Data, metadata, and collaboration. Social Studies of Science, 2011, 41, 667-690.	1.5	324
2	Who's Got the Data? Interdependencies in Science and Technology Collaborations. Computer Supported Cooperative Work, 2012, 21, 485-523.	1.9	61
3	Drowning in data. , 2007, , .		48
4	Moving Archival Practices Upstream: An Exploration of the Life Cycle of Ecological Sensing Data in Collaborative Field Research. International Journal of Digital Curation, 2008, 3, 114-126.	0.1	45
5	Assessing and tracing the outcomes and impact of research infrastructures. Journal of the Association for Information Science and Technology, 2017, 68, 1341-1359.	1.5	40
6	Research data and metadata curation as institutional issues. Journal of the Association for Information Science and Technology, 2016, 67, 973-993.	1.5	39
7	Advanced Technologies and Data Management Practices in Environmental Science: Lessons from Academia. BioScience, 2012, 62, 1067-1076.	2.2	38
8	Know Thy Sensor: Trust, Data Quality, and Data Integrity in Scientific Digital Libraries. Lecture Notes in Computer Science, 2007, , 380-391.	1.0	36
9	Open data: Accountability and transparency. Big Data and Society, 2017, 4, 205395171771885.	2.6	34
10	Peer Review of Datasets: When, Why, and How. Bulletin of the American Meteorological Society, 2015, 96, 191-201.	1.7	33
11	Unearthing the Infrastructure: Humans and Sensors in Field-Based Scientific Research. Computer Supported Cooperative Work, 2013, 22, 65-101.	1.9	31
12	Digital libraries for scientific data discovery and reuse. , 2010, , .		27
13	Five ways consortia can catalyse open science. Nature, 2017, 543, 615-617.	13.7	26
14	Metadata Realities for Cyberinfrastructure: Data Authors as Metadata Creators. SSRN Electronic Journal, 0, , .	0.4	20
15	Metadata accounts: Achieving data and evidence in scientific research. Social Studies of Science, 2019, 49, 732-757.	1.5	20
16	Open science, data sharing and solidarity: who benefits?. History and Philosophy of the Life Sciences, 2021, 43, 115.	0.6	19
17	Build It, But Will They Come? A Geoscience Cyberinfrastructure Baseline Analysis. Data Science Journal, 2016, 15, 8.	0.6	18
18	How institutional factors influence the creation of scientific metadata. , 2011, , .		16

#	Article	IF	Citations
19	Data citation initiatives and issues. Bulletin of the American Society for Information Science, 2012, 38, 23-28.	0.3	15
20	Tracing the traces: The critical role of metadata within networked communications. Journal of the Association for Information Science and Technology, 2018, 69, 177-180.	1.5	15
21	The Data Conservancy Instance: Infrastructure and Organizational Services for Research Data Curation. D-Lib Magazine, 2012, 18, .	0.5	15
22	From artifacts to aggregations: Modeling scientific life cycles on the semantic Web. Journal of the Association for Information Science and Technology, 2010, 61, 567-582.	2.6	13
23	Data Conservancy Provenance, Context, and Lineage Services: Key Components for Data Preservation and Curation. Data Science Journal, 2013, 12, 158-171.	0.6	11
24	Linking Publications and Data: Challenges, Trends, and Opportunities. D-Lib Magazine, 2016, 22, .	0.5	10
25	Guidelines on Recommending Data Repositories as Partners in Publishing Research Data. International Journal of Digital Curation, 2014, 9, 152-163.	0.1	10
26	The Distributions of MARC Fields in Bibliographic Records. Library Resources and Technical Services, 2010, 54, 40-54.	0.0	10
27	Model Development for Scientific Data Curation Education. International Journal of Digital Curation, 2013, 8, 255-264.	0.1	9
28	Risk Assessment for Scientific Data. Data Science Journal, 2020, 19, .	0.6	9
29	Disentangling knowledge production and data production. Ecosphere, 2020, 11, e03191.	1.0	8
30	Assessing the uptake of persistent identifiers by research infrastructure users. PLoS ONE, 2017, 12, e0175418.	1.1	8
31	Processes and Procedures for Data Publication: A Case Study in the Geosciences. International Journal of Digital Curation, 2013, 8, 193-203.	0.1	6
32	Identifiers for Earth Science Data Sets: Where We Have Been and Where We Need to Go. Data Science Journal, 2017, 16, 23.	0.6	6
33	Adding context to content: The CENS deployment center. Proceedings of the American Society for Information Science and Technology, 2008, 44, 1-7.	0.2	5
34	Session summary: The RDAP12 data citation panel practitioners. Bulletin of the American Society for Information Science, 2012, 38, 31-31.	0.3	5
35	Variables As Currency: Linking Meta-Analysis Research and Data Paths in Sciences. Data Science Journal, 2014, 13, 158-171.	0.6	5
36	The Product and System Specificities of Measuring Curation Impact. International Journal of Digital Curation, 2013, 8, 223-234.	0.1	4

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37	Data Archiving and Citation within AMS Journals. Journal of Climate, 2015, 28, 2529-2530.	1.2	3
38	Building Geoscience Semantic Web Applications Using Established Ontologies. Data Science Journal, 2016, 15, .	0.6	3
39	Open Science Expectations for Simulation-Based Research. Frontiers in Climate, 2021, 3, .	1.3	3
40	Modernizing Library Metadata for Historical Weather and Climate Data Collections. Journal of Library Metadata, 2017, 17, 219-239.	0.6	2
41	Scholarly resource linking: Building out a â€œrelationship life cycleâ€. Proceedings of the Association for Information Science and Technology, 2018, 55, 337-346.	0.3	2
42	Research Center Insights into Data Curation Education and Curriculum. Communications in Computer and Information Science, 2014, , 239-248.	0.4	2
43	Metadata tensions: A case study of library principles vs. everyday scientific data practices. Proceedings of the American Society for Information Science and Technology, 2010, 47, 1-2.	0.2	1
44	Strengthening an Interagency Network for Geoscience Data Sets. Eos, 2014, 95, 411-411.	0.1	1
45	Data Archiving and Citation within AMS Journals. Monthly Weather Review, 2015, 143, 993-994.	0.5	1
46	Building Community Informed and Driven Data Services at the National Center for Atmospheric Research. , 2017, , .		1
47	Research Center Insights into Data Curation Education and Curriculum. Communications in Computer and Information Science, 2014, , 239-248.	0.4	1
48	Using Peer Review to Support Development of Community Resources for Research Data Management. Journal of Escience Librarianship, 2017, 6, e1114.	0.2	1
49	Institutional structures for research data and metadata curation. , 2013, , .		0
50	Responding to emerging data workforce demand: Harnessing data center expertise. Proceedings of the American Society for Information Science and Technology, 2014, 51, 1-3.	0.2	0
51	Making dataset ingest decisions: A data archive's appraisal and selection system implementation. Proceedings of the Association for Information Science and Technology, 2015, 52, 1-4.	0.3	0
52	Scholarly Metrics at NCAR. , 2019, , 15-38.		0
53	The Prevalence of Additional Electronic Features in Pure E-Journals. Journal of Electronic Publishing, 2007, 10, .	0.7	0