

Matthew S Mayernik

List of Publications by Citations


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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	716 citations	14 h-index	25 g-index
55 ext. papers	875 ext. citations	3 avg, IF	4.41 L-index

#	Paper	IF	Citations
50	Science friction: data, metadata, and collaboration. <i>Social Studies of Science</i> , 2011 , 41, 667-90	2.4	231
49	Who's Got the Data? Interdependencies in Science and Technology Collaborations. <i>Computer Supported Cooperative Work</i> , 2012 , 21, 485-523	2.4	45
48	Drowning in data 2007 ,		33
47	Moving Archival Practices Upstream: An Exploration of the Life Cycle of Ecological Sensing Data in Collaborative Field Research. <i>International Journal of Digital Curation</i> , 2008 , 3, 114-126	0.9	31
46	Advanced Technologies and Data Management Practices in Environmental Science: Lessons from Academia. <i>BioScience</i> , 2012 , 62, 1067-1076	5.7	29
45	Unearthing the Infrastructure: Humans and Sensors in Field-Based Scientific Research. <i>Computer Supported Cooperative Work</i> , 2013 , 22, 65-101	2.4	27
44	Peer Review of Datasets: When, Why, and How. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 191-201	6.1	25
43	Research data and metadata curation as institutional issues. <i>Journal of the Association for Information Science and Technology</i> , 2016 , 67, 973-993	2.7	24
42	Open data: Accountability and transparency. <i>Big Data and Society</i> , 2017 , 4, 205395171771885	5.3	23
41	Digital libraries for scientific data discovery and reuse 2010 ,		23
40	Know Thy Sensor: Trust, Data Quality, and Data Integrity in Scientific Digital Libraries. <i>Lecture Notes in Computer Science</i> , 2007 , 380-391	0.9	22
39	Assessing and tracing the outcomes and impact of research infrastructures. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 1341-1359	2.7	21
38	Five ways consortia can catalyse open science. <i>Nature</i> , 2017 , 543, 615-617	50.4	16
37	Metadata Realities for Cyberinfrastructure: Data Authors as Metadata Creators. <i>SSRN Electronic Journal</i> , 2011 ,	1	16
36	How institutional factors influence the creation of scientific metadata 2011 ,		12
35	The Distributions of MARC Fields in Bibliographic Records. <i>Library Resources and Technical Services</i> , 2010 , 54, 40-54	0.8	10
34	Build It, But Will They Come? A Geoscience Cyberinfrastructure Baseline Analysis. <i>Data Science Journal</i> , 2016 , 15, 8	2	9

33	Metadata accounts: Achieving data and evidence in scientific research. <i>Social Studies of Science</i> , 2019 , 49, 732-757	2.4	9
32	Data citation initiatives and issues. <i>Bulletin of the American Society for Information Science</i> , 2012 , 38, 23-28		9
31	Data Conservancy Provenance, Context, and Lineage Services: Key Components for Data Preservation and Curation. <i>Data Science Journal</i> , 2013 , 12, 158-171	2	9
30	From artifacts to aggregations: Modeling scientific life cycles on the semantic Web. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 61, n/a-n/a		8
29	Guidelines on Recommending Data Repositories as Partners in Publishing Research Data. <i>International Journal of Digital Curation</i> , 2014 , 9, 152-163	0.9	8
28	The Data Conservancy Instance: Infrastructure and Organizational Services for Research Data Curation. <i>D-Lib Magazine</i> , 2012 , 18,		8
27	Tracing the traces: The critical role of metadata within networked communications. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 177-180	2.7	7
26	Model Development for Scientific Data Curation Education. <i>International Journal of Digital Curation</i> , 2013 , 8, 255-264	0.9	7
25	Assessing the uptake of persistent identifiers by research infrastructure users. <i>PLoS ONE</i> , 2017 , 12, e0175418	3.7	6
24	Linking Publications and Data: Challenges, Trends, and Opportunities. <i>D-Lib Magazine</i> , 2016 , 22,		6
23	Session summary: The RDAP12 data citation panel practitioners. <i>Bulletin of the American Society for Information Science</i> , 2012 , 38, 31-31		5
22	Processes and Procedures for Data Publication: A Case Study in the Geosciences. <i>International Journal of Digital Curation</i> , 2013 , 8, 193-203	0.9	5
21	Risk Assessment for Scientific Data. <i>Data Science Journal</i> , 2020 , 19,	2	4
20	Data Archiving and Citation within AMS Journals. <i>Journal of Climate</i> , 2015 , 28, 2529-2530	4.4	3
19	The Product and System Specificities of Measuring Curation Impact. <i>International Journal of Digital Curation</i> , 2013 , 8, 223-234	0.9	3
18	Identifiers for Earth Science Data Sets: Where We Have Been and Where We Need to Go. <i>Data Science Journal</i> , 2017 , 16, 23	2	3
17	Disentangling knowledge production and data production. <i>Ecosphere</i> , 2020 , 11, e03191	3.1	3
16	Adding context to content: The CENS deployment center. <i>Proceedings of the American Society for Information Science and Technology</i> , 2008 , 44, 1-7		2

15	Variables As Currency: Linking Meta-Analysis Research and Data Paths in Sciences. <i>Data Science Journal</i> , 2014 , 13, 158-171	2	2
14	Research Center Insights into Data Curation Education and Curriculum. <i>Communications in Computer and Information Science</i> , 2014 , 239-248	0.3	2
13	Building Geoscience Semantic Web Applications Using Established Ontologies. <i>Data Science Journal</i> , 2016 , 15,	2	2
12	Scholarly resource linking: Building out a Relationship life cycle. <i>Proceedings of the Association for Information Science and Technology</i> , 2018 , 55, 337-346	0.4	2
11	Data Archiving and Citation within AMS Journals. <i>Monthly Weather Review</i> , 2015 , 143, 993-994	2.4	1
10	Building Community Informed and Driven Data Services at the National Center for Atmospheric Research 2017 ,		1
9	Strengthening an Interagency Network for Geoscience Data Sets. <i>Eos</i> , 2014 , 95, 411-411	1.5	1
8	Metadata tensions: A case study of library principles vs. everyday scientific data practices. <i>Proceedings of the American Society for Information Science and Technology</i> , 2010 , 47, 1-2		1
7	Open science, data sharing and solidarity: who benefits?. <i>History and Philosophy of the Life Sciences</i> , 2021 , 43, 115	1	1
6	Modernizing Library Metadata for Historical Weather and Climate Data Collections. <i>Journal of Library Metadata</i> , 2017 , 17, 219-239	0.3	0
5	Responding to emerging data workforce demand: Harnessing data center expertise. <i>Proceedings of the American Society for Information Science and Technology</i> , 2014 , 51, 1-3		
4	Making dataset ingest decisions: A data archive's appraisal and selection system implementation. <i>Proceedings of the Association for Information Science and Technology</i> , 2015 , 52, 1-4	0.4	
3	 <i>Međunarodnyj Forum Po Informacii</i> , 2020 , 45, 22-31	0.1	
2	Research Center Insights into Data Curation Education and Curriculum. <i>Communications in Computer and Information Science</i> , 2014 , 239-248	0.3	
1	Scholarly Metrics at NCAR 2019 , 15-38		