

Karen S Baker

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,322
citations

430442

18
h-index

580395

25
g-index

31
all docs

31
docs citations

31
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Long live the data! Embedded data management at a long-term ecological research site. <i>Ecosphere</i> , 2021, 12, e03493.	1.0	4
2	Disentangling knowledge production and data production. <i>Ecosphere</i> , 2020, 11, e03191.	1.0	8
3	Data care and its politics. , 2018, , .		20
4	Documenting provenance in noncomputational workflows: Research process models based on geobiology fieldwork in Yellowstone National Park. <i>Journal of the Association for Information Science and Technology</i> , 2018, 69, 1234-1245.	1.5	10
5	Five ways consortia can catalyse open science. <i>Nature</i> , 2017, 543, 615-617.	13.7	26
6	Site-based data curation based on hot spring geobiology. <i>PLoS ONE</i> , 2017, 12, e0172090.	1.1	15
7	Building a framework for site-based data curation. <i>Proceedings of the American Society for Information Science and Technology</i> , 2013, 50, 1-4.	0.2	2
8	Specialization in data curation: Preliminary results from an alumni survey, 2008-2012. <i>Proceedings of the American Society for Information Science and Technology</i> , 2013, 50, 1-4.	0.2	3
9	Making an Issue out of a Standard. <i>Science Technology and Human Values</i> , 2013, 38, 7-43.	1.7	44
10	Towards Standardization: A Participatory Framework for Scientific Standard-Making. <i>International Journal of Digital Curation</i> , 2013, 8, 157-172.	0.1	20
11	Completeness, coverage & equivalence in scientific data records. <i>Proceedings of the American Society for Information Science and Technology</i> , 2012, 49, 1-4.	0.2	0
12	Infrastructure Time: Long-term Matters in Collaborative Development. <i>Computer Supported Cooperative Work</i> , 2010, 19, 377-415.	1.9	190
13	Who are the users? Who are the developers? Webs of users and developers in the development process of a technical standard. <i>Information Systems Journal</i> , 2010, 20, 137-161.	4.1	45
14	Big Science and Big Data in Biology: From the International Geophysical Year through the International Biological Program to the Long Term Ecological Research (LTER) Network, 1957-Present. <i>Historical Studies in the Natural Sciences</i> , 2010, 40, 183-224.	0.3	191
15	Data Stewardship: Environmental Data Curation and a Web-of-Repositories. <i>International Journal of Digital Curation</i> , 2009, 4, 12-27.	0.1	47
16	Enabling long-term oceanographic research: Changing data practices, information management strategies and informatics. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2132-2142.	0.6	24
17	Digital Data Practices and the Long Term Ecological Research Program Growing Global. <i>International Journal of Digital Curation</i> , 2008, 3, 42-58.	0.1	50
18	Articulation Work Supporting Information Infrastructure Design: Coordination, Categorization, and Assessment in Practice. , 2007, , .		14

#	ARTICLE	IF	CITATIONS
19	Building Environmental Information Systems: Myths and Interdisciplinary Lessons. , 2007, , .		4
20	Enriching the Notion of Data Curation in E-Science: Data Managing and Information Infrastructuring in the Long Term Ecological Research (LTER) Network. Computer Supported Cooperative Work, 2006, 15, 321-358.	1.9	129
21	Variability of Primary Production in an Antarctic Marine Ecosystem as Estimated Using a Multi-scale Sampling Strategy. American Zoologist, 2001, 41, 40-56.	0.7	33
22	Growth limitation in young Euphausia superba under field conditions. Limnology and Oceanography, 2000, 45, 31-43.	1.6	122
23	Evolution of a Multisite Network Information System: The LTER Information Management Paradigm. BioScience, 2000, 50, 963.	2.2	54
24	Bio-optical classification and model of natural waters. 21. Limnology and Oceanography, 1982, 27, 500-509.	1.6	188
25	PHOTOINHIBITION OF PHOTOSYNTHESIS IN NATURAL WATERS*. Photochemistry and Photobiology, 1980, 31, 585-592.	1.3	174
26	MIDDLE ULTRAVIOLET RADIATION REACHING THE OCEAN SURFACE*. Photochemistry and Photobiology, 1980, 32, 367-374.	1.3	78
27	PENETRATION OF UV-B AND BIOLOGICALLY EFFECTIVE DOSE-RATES IN NATURAL WATERS*. Photochemistry and Photobiology, 1979, 29, 311-323.	1.3	332
28	The bio-optical state of ocean waters and remote sensing 1. Limnology and Oceanography, 1978, 23, 247-259.	1.6	280
29	Optical classification of natural waters 1. Limnology and Oceanography, 1978, 23, 260-267.	1.6	206
30	Configuring Devices for Phenomena in-the-Making. Science and Technology Studies, 0, , .	0.6	4