Christine L Borgman

List of Publications by Citations

102 papers	3,977 citations	30 h-index	61 g-index
117 ext. papers	4,693 ext. citations	2.2 avg, IF	6.2 L-index

#	Paper	IF	Citations
102	The conundrum of sharing research data. *Journal of the Association for Information Science and Technology*, **2012**, 63, 1059-1078		396
101	Scholarship in the Digital Age **2007**,		306
100	Big Data, Little Data, No Data **2015**,		275
99	Science friction: data, metadata, and collaboration. *Social Studies of Science*, **2011**, 41, 667-90	2.4	231
98	If we share data, will anyone use them? Data sharing and reuse in the long tail of science and technology. *PLoS ONE*, **2013**, 8, e67332	3.7	212
97	Scholarly communication and bibliometrics. *Annual Review of Information Science & Technology*, **2005**, 36, 2-72		174
96	The user's mental model of an information retrieval system: an experiment on a prototype online catalog. *International Journal of Man-Machine Studies*, **1986**, 24, 47-64		169
95	Why are online catalogs still hard to use?. *Journal of the Association for Information Science and Technology*, **1996**, 47, 493-503		164
94	Children's searching behavior on browsing and keyword online catalogs: The Science Library Catalog project **1995**, 46, 663-684		116
93	Little science confronts the data deluge: habitat ecology, embedded sensor networks, and digital libraries. *International Journal on Digital Libraries*, **2007**, 7, 17-30	1.4	108
92	Why are online catalogs hard to use? Lessons learned from information-retrieval studies **1986**, 37, 387-400		106
91	All users of information retrieval systems are not created equal: An exploration into individual differences. *Information Processing and Management*, **1989**, 25, 237-251	6.3	100
90	Citation Networks of Communication Journals, 1977?1985 Cliques and Positions, Citations Made and Citations Received. *Human Communication Research*, **1988**, 15, 256-283	3.5	95
89	A BIBLIOMETRIC EVALUATION OF CORE JOURNALS IN COMMUNICATION RESEARCH. *Human Communication Research*, **1983**, 10, 119-136	3.5	80
88	Digital libraries and the continuum of scholarly communication. *Journal of Documentation*, **2000**, 56, 412-430	1.3	64
87	On the Reuse of Scientific Data. *Data Science Journal*, **2017**, 16,	2	63
86	The use of computer-monitored data in information science and communication research. *Journal of the Association for Information Science and Technology*, **1983**, 34, 247-256		55

85	Bibliometrics and Scholarly Communication: Editor's Introduction. *Communication Research*, **1989**, 16, 583-599	3.8	53
84	The convergence of information science and communication: A bibliometric analysis. *Journal of the Association for Information Science and Technology*, **1992**, 43, 397-411		48
83	Journal-to-journal citation data: Issues of validity and reliability. *Scientometrics*, **1989**, 15, 257-282	3	47
82	Comparing faculty information seeking in teaching and research: Implications for the design of digital libraries. *Journal of the Association for Information Science and Technology*, **2005**, 56, 636-657		46
81	Who Got the Data? Interdependencies in Science and Technology Collaborations. *Computer Supported Cooperative Work*, **2012**, 21, 485-523	2.4	45
80	Rethinking online monitoring methods for information retrieval systems: From search product to search process **1996**, 47, 568-583		45
79	Getty's Synoname and its cousins: A survey of applications of personal name-matching algorithms. *Journal of the Association for Information Science and Technology*, **1992**, 43, 459-476		37
78	Drowning in data **2007**,		33
77	Research Data: Who Will Share What, with Whom, When, and Why?. *SSRN Electronic Journal*, **2010**,	1	31
76	What can Studies of e-Learning Teach us about Collaboration in e-Research? Some Findings from Digital Library Studies. *Computer Supported Cooperative Work*, **2006**, 15, 359-383	2.4	31
75	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	0.9	31
74	Distributed Expert-Based Information Systems: An interdisciplinary approach. *Information Processing and Management*, **1987**, 23, 395-409	6.3	30
73	Why are online catalogs hard to use? Lessons learned from information-retrieval studies **1986**, 37, 387		30
72	Unearthing the Infrastructure: Humans and Sensors in Field-Based Scientific Research. *Computer Supported Cooperative Work*, **2013**, 22, 65-101	2.4	27
71	The user's mental model of an information retrieval system: an experiment on a prototype online catalog. *International Journal of Human Computer Studies*, **1999**, 51, 435-452	4.6	26
70	From Acting Locally to Thinking Globally: A Brief History of Library Automation. *Library Quarterly*, **1997**, 67, 215-249	1.2	25
69	An introduction to the joint principles for data citation. *Bulletin of the American Society for Information Science*, **2015**, 41, 43-45		24
68	Data, disciplines, and scholarly publishing. *Learned Publishing*, **2008**, 21, 29-38	1.8	24

67	Digital libraries for scientific data discovery and reuse **2010**,		23
66	Knowledge infrastructures in science: data, diversity, and digital libraries. *International Journal on Digital Libraries*, **2015**, 16, 207-227	1.4	22
65	Know Thy Sensor: Trust, Data Quality, and Data Integrity in Scientific Digital Libraries. *Lecture Notes in Computer Science*, **2007**, 380-391	0.9	22
64	Where is the librarian in the digital library?. *Communications of the ACM*, **2001**, 44, 66-68	2.5	21
63	Uses and Reuses of Scientific Data: The Data Creators Advantage **2019**, 1,		21
62	Children's searching behavior on browsing and keyword online catalogs: The Science Library Catalog project **1995**, 46, 663		19
61	Why are online catalogs still hard to use? **1996**, 47, 493		18
60	Social aspects of digital libraries (working session) **1996**,		17
59	Multi-Media, Multi-Cultural, and Multi-Lingual Digital Libraries. *D-Lib Magazine*, **1997**, 3,		17
58	Why are online catalogs still hard to use? **1996**, 47, 493		17
57	Digital data archives as knowledge infrastructures: Mediating data sharing and reuse. *Journal of the Association for Information Science and Technology*, **2019**, 70, 888-904	2.7	14
56	Who is responsible for data? An exploratory study of data authorship, ownership, and responsibility. *Proceedings of the American Society for Information Science and Technology*, **2011**, 48, 1-10		13
55	Data, data use, and scientific inquiry **2012**,		13
54	End-users, mediated searches, and front-end assistance programs on Dialog: A comparison of learning, performance, and satisfaction. *Journal of the Association for Information Science and Technology*, **1990**, 41, 27-42		13
53	How institutional factors influence the creation of scientific metadata **2011**,		12
52	AUTOMATION IS THE ANSWER, BUT WHAT IS THE QUESTION? PROGRESS AND PROSPECTS FOR CENTRAL AND EASTERN EUROPEAN LIBRARIES. *Journal of Documentation*, **1996**, 52, 252-295	1.3	12
51	Online access to knowledge: System design. *Journal of the Association for Information Science and Technology*, **1989**, 40, 86-98		12
50	**2014**,		11

49	Towards a virtual organization for data cyberinfrastructure **2009**,		11
48	Open Data in Scientific Settings **2016**,		11
47	Data Management in the Long Tail: Science, Software, and Service. *International Journal of Digital Curation*, **2016**, 11, 128-149	0.9	11
46	What lies beneath?: Knowledge infrastructures in the subseafloor biosphere and beyond. *International Journal on Digital Libraries*, **2015**, 16, 61-77	1.4	10
45	Follow the data: How astronomers use and reuse data. *Proceedings of the American Society for Information Science and Technology*, **2012**, 49, 1-3		10
44	When use cases are not useful **2011**,		10
43	Challenges in Building Digital Libraries for the 21st Century. *Lecture Notes in Computer Science*, **2002**, 1-13	0.9	10
42	. *Computing in Science and Engineering*, **2020**, 22, 5-15	1.5	10
41	The durability and fragility of knowledge infrastructures: Lessons learned from astronomy. *Proceedings of the Association for Information Science and Technology*, **2016**, 53, 1-10	0.4	9
40	How geography professors select materials for classroom lectures **2004**,		9
39	Usability of Digital Libraries in a Multicultural Environment **2005**, 270-284		9
38	Exploring openness in data and science: What is □pen,□ to whom, when, and why?. *Proceedings of the Association for Information Science and Technology*, **2015**, 52, 1-2	0.4	8
37	From artifacts to aggregations: Modeling scientific life cycles on the semantic Web. *Journal of the Association for Information Science and Technology*, **2009**, 61, n/a-n/a		8
36	Developing a digital learning environment **2004**,		8
35	End-user information-seeking in the energy field: Implications for end-user access to DOE/RECON databases. *Information Processing and Management*, **1986**, 22, 299-308	6.3	8
34	Iterative Design and Evaluation of a Geographic Digital Library for University Students: A Case Study of the Alexandria Digital Earth Prototype (ADEPT). *Lecture Notes in Computer Science*, **2001**, 390-401	0.9	8
33	The Conundrum of Sharing Research Data. *SSRN Electronic Journal*, **2011**,	1	7
32	University faculty use of computerized databases: an assessment of needs and resources. *Online Review*, **1985**, 9, 307-332		7

31	We're Working On It: Transferring the Sloan Digital Sky Survey from Laboratory to Library. *International Journal of Digital Curation*, **2014**, 9, 98-110	0.9	7
30	Books, bytes, and behavior: Rethinking scholarly communication for a global information infrastructure. *Information Services and Use*, **1999**, 19, 117-121	0.5	6
29	A new era for OPAC research: Introduction to special topic issue on current research in online public access systems. *Journal of the Association for Information Science and Technology*, **1996**, 47, 491-492		6
28	End user behavior on an online information retrieval system. *ACM SIGIR Forum*, **1983**, 17, 162-176	0.9	6
27	Data Citation as a Bibliometric Oxymoron **2016**, 93-116		5
26	Who uses the digital data archive? An exploratory study of DANS. *Proceedings of the Association for Information Science and Technology*, **2015**, 52, 1-4	0.4	5
25	Evaluating the use of a geographic digital library in undergraduate classrooms **2000**,		5
24	Library cultures of data curation: Adventures in astronomy. *Journal of the Association for Information Science and Technology*, **2020**, 71, 1470-1483	2.7	4
23	Ship space to database: emerging infrastructures for studies of the deep subseafloor biosphere. *PeerJ Computer Science*,2, e97	2.7	4
22	Curators to the stars. *Proceedings of the American Society for Information Science and Technology*, **2010**, 47, 1-2		3
21	Will the Global Information Infra structure Be the Library of the Future? Central and Eastern Europe as a Case Example. *IFLA Journal*, **1996**, 22, 121-127	0.5	3
20	Cultural diversity in interface design. *ACM SIGCHI Bulletin*, **1992**, 24, 31		3
19	Ship space to database: Motivations to manage research data for the deep subseafloor biosphere. *Proceedings of the American Society for Information Science and Technology*, **2014**, 51, 1-10		2
18	Digitize This Book! The Politics of New Media, or Why We Need Open Access Now (review). *Technology and Culture*, **2010**, 51, 768-770	0.5	2
17	Awash in stardust **2011**,		2
16	The Special Case of Scientific Data Sharing with Education. *Proceedings of the American Society for Information Science and Technology*, **2007**, 43, 1-13		2
15	CHILDREN'S USE OF A DIRECT MANIPULATION LIBRARY CATALOG. *ACM SIGCHI Bulletin*, **1991**, 23, 69-70		2
14	Thorny problems in data (-intensive) science. *Communications of the ACM*, **2020**, 63, 30-32	2.5	2

13	The study of user behavior on information retrieval systems. *ACM SIGCUE Outlook*, **1987**, 19, 35-48		2
12	The premise and promise of a Global Information Infrastructure. *First Monday*, **2000**, 5,		2
11	Panel: Evaluating Interactive Retrieval Systems **1994**, 361-361		2
10	From prototype to deployable system: Framing the adoption of digital library services. *Proceedings of the American Society for Information Science and Technology*, **2006**, 42, n/a-n/a		1
9	Use scenarios in the development of the Alexandria Digital Earth Prototype (ADEPT). *Proceedings of the American Society for Information Science and Technology*, **2005**, 40, 407-415		1
8	Whose text, whose mining, and to whose benefit?. *Quantitative Science Studies*, **2020**, 1, 993-1000	3.8	1
7	Collaborative qualitative research at scale: Reflections on 20 years of acquiring global data and making data global. *Journal of the Association for Information Science and Technology*, **2021**, 72, 667-682	2.7	1
6	Citations Format. *Journal of the Association for Information Science and Technology*, **1985**, 36, 420-420		0
5	Do the stars align?: Stakeholders and strategies in libraries' curation of an astronomy dataset. *Journal of the Association for Information Science and Technology*, **2021**, 72, 239-252	2.7	0
4	Robert R. Korfhage: A personal remembrance from the 1970s. *Journal of the Association for Information Science and Technology*, **1999**, 50, 289-290		
3	Data, Metadata, and Ted. *History of Computing*, **2015**, 67-74	0	
2	Cyberinfrastructure, cyberlearning, and scholarship in the digital age. *Journal of Information Processing and Management*, **2009**, 52, 453-463		
1	Information implications into the eighties. *ACM SIGIR Forum*, **1979**, 14, 87-87	0.9	