

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.

42 papers	363 citations	9 h-index	18 g-index
52 ext. papers	421 ext. citations	1.2 avg, IF	3.41 L-index

#	Paper	IF	Citations
42	Types and levels of collaboration in interdisciplinary research in the sciences. <i>Journal of the Association for Information Science and Technology</i> , <b>1997</b> , 48, 893-916		113
41	Semantic similarities between a keyword database and a controlled vocabulary database: An investigation in the antibiotic resistance literature <b>2000</b> , 51, 166-180		37
40	Persuasive communities: a longitudinal analysis of references in the Philosophical Transactions of the Royal Society, 1665-1990. <i>Social Studies of Science</i> , <b>1994</b> , 24, 279-310	2.4	27
39	An investigation of research collaboration in the sciences through the philosophical transactions 1901-1991. <i>Scientometrics</i> , <b>1994</b> , 29, 219-238	3	25
38	A capability maturity model for scientific data management: Evidence from the literature. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2011</b> , 48, 1-9		24
37	Exploring the Willingness of Scholars to Accept Open Access: A Grounded Theory Approach. <i>Journal of Scholarly Publishing</i> , <b>2007</b> , 38, 55-84	0.3	24
36	The Central Role of Metadata in a Science Data Literacy Course. <i>Journal of Library Metadata</i> , <b>2010</b> , 10, 188-204	0.3	19
35	The impact of internet resources on scholarly communication: A citation analysis. <i>Scientometrics</i> , <b>2009</b> , 81, 459-474	3	13
34	Emergence of collaboration networks around large scale data repositories: a study of the genomics community using GenBank. <i>Scientometrics</i> , <b>2016</b> , 108, 21-40	3	9
33	Big data, big metadata and quantitative study of science: A workflow model for big scientometrics. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2017</b> , 54, 36-45	0.4	8
32	Towards a model for research data reuse behavior. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2014</b> , 51, 1-4		7
31	Building interoperable vocabulary and structures for learning objects. <i>Journal of the Association for Information Science and Technology</i> , <b>2006</b> , 57, 280-292		7
30	F. W. Lancaster: A Bibliometric Analysis. <i>Library Trends</i> , <b>2008</b> , 56, 954-967	0.6	5
29	Data collection system for link analysis <b>2008</b> ,		5
28	Data management: Graduate student awareness of practices and policies. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2014</b> , 51, 1-3		4
27	Incorporating Educational Vocabulary in Learning Object Metadata Schemas. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 52-57	0.9	4
26	Vocabulary Use in XML Standards in the Financial Market Domain. <i>Knowledge and Information Systems</i> , <b>2004</b> , 6, 269-289	2.4	4

25	An interactive metadata model for structural, descriptive, and referential representation of scholarly output. <i>Journal of the Association for Information Science and Technology</i> , <b>2014</b> , 65, 964-983	2.7	3
24	Representation and Organization of Information in the Web Space: From MARC to XML. <i>Informing Science</i> , 3, 083-088		3
23	ScholarWiki system for knowledge indexing and retrieval. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2011</b> , 48, 1-4		2
22	A content analysis of institutional data policies <b>2011</b> ,		2
21	A capability maturity model for scientific data management. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2010</b> , 47, 1-2		2
20	Knowledge organization systems (KOS) standards. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2008</b> , 44, 1-3		2
19	Depicting Historical Persons and Identities: A Faceted Approach. <i>Knowledge Organization</i> , <b>2020</b> , 47, 668-679		2
18	Mentoring for Emerging Careers in eScience Librarianship: An iSchool Academic Library Partnership. <i>Journal of Esience Librarianship</i> , <b>2012</b> , 1,	1	2
17	Pursuing Best Performance in Research Data Management by Using the Capability Maturity Model and Rubrics. <i>Journal of Esience Librarianship</i> , <b>2017</b> , 6, e1113	1	2
16	MetaFAIR: A Metadata Application Profile for Managing Research Data. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2021</b> , 58, 337-345	0.4	2
15	Research networks in data repositories <b>2014</b> ,		1
14	Analysis of networks in cyberinfrastructure-enabled research communities: A pilot study. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2012</b> , 49, 1-4		1
13	Understanding metadata functional requirements in genome curation work. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2013</b> , 50, 1-4		1
12	Faculty data management practices: A campus-wide census of STEM departments. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2008</b> , 45, 1-6		1
11	Studying scientific collaboration. Part 1: Methodology for investigating collaboration. Part 2: Research papers & collaboration in action. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2005</b> , 41, 545-549		1
10	Transforming the data landscape: Connecting data, policies, and communities. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2014</b> , 51, 1-4		0
9	Named Entity Disambiguation for Archival Collections: Metadata, Wikidata, and Linked Data. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2021</b> , 58, 520-524	0.4	0
8	Data to knowledge in action: A longitudinal analysis of GenBank metadata. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2020</b> , 57, e253	0.4	0

- 7 A novel research approach to enhance research group-level science data management. *Proceedings of the American Society for Information Science and Technology*, **2012**, 49, 1-4
- 6 Automatic semantic mapping between query terms and controlled vocabulary through using WordNet and Wikipedia. *Proceedings of the American Society for Information Science and Technology*, **2008**, 45, 1-10
- 5 Working with Data: Discovering Knowledge through Mining and Analysis. *Bulletin of the American Society for Information Science*, **2005**, 27, 7-8
- 4 Letter to the Editor (Reply): Incremental benefit of human indexing. *Journal of the Association for Information Science and Technology*, **2000**, 51, 968-968
- 3 The structural shift and collaboration capacity in GenBank Networks: A longitudinal study.. *Quantitative Science Studies*, **2022**, 3, 174-193 3.8
- 2 Knowledge Organization and Representation under the AI Lens. *Journal of Data and Information Science*, **2020**, 5, 3-17 1.2
- 1 Managing Digital Repositories Through an Ontology-Based Design. *Lecture Notes in Computer Science*, **2004**, 300-309 0.9