

**WEB OF SCIENCE AND SCOPUS: WITH SPECIAL REFERENCE TO
LIBRARY AND INFORMATION SCIENCE JOURNALS.**

Priti Dharmik¹

Research Scholar
DLISc, RTMNU,
Nagpur, Maharashtra, India.

Dr. Mangala. A. Hirwade²

Assistant Professor & Head
DLISc, RTMNU,
Nagpur, Maharashtra, India.

ABSTRACT:

In the present environment web based journals information have become important resources for researchers and academicians for the study. This paper covers most affecting information about Library and Information Science Journals available in web of Science and SCOPUS database. It will also look at the major features as well as comparatively features of Library and Information Science journals in Web of Science and SCOPUS. The paper provides information related to LIS Field which is useful for academicians.

KEYWORDS: *Web of Science, SCOPUS, database.*

INTRODUCTION:

In a traditional sense, a library is a large collection of books, and can refer to the place in which the collection is housed. Today, the library can refer to any collections which are in numerous formats like digital sources, resources, and services. Also the libraries are reshaping its services with the help of electronic references, full text data access and web resources that are integral part of education in the electronic environment. Journals have become the most popular tools for academic library users for locating desired resources. The academic library also continues to subscribe more journals to meet the expectation of users. In this paper, information focuses on LIS journals which can be available through Web of Science and SCOPUS subscription-based databases and are helpful to LIS field and library. These two are the most widespread databases on different scientific fields which are frequently used for searching the literature. This study is an attempt to provide an idea to collection development for LIS journals in the academic environment.

Web of Science

Web of Science from Thomson Reuter’s Institute of Scientific Information (ISI) is the database which publication covers all domains of science for many years. This is a subscription-based database which provides access to a network of scholarly articles linked by their references. Articles have been indexed from journals since 1960 and 12,311 journals are currently covered. Web of Science is the online version of the Science Citation Index with some differences. Separate annual editions covering science, social sciences, and the arts and humanities have been integrated into a multidisciplinary system. Web of Science covers nearly 23 million source papers from the 1900s to the present, and frequently updated. Its website provides substantial factual information about the database, including the number of records and lists of journals indexed. It also offers powerful features for browsing, searching, sorting and saving functions, as well as exporting to citation management software. It has current and retrospective coverage in the sciences, social sciences, arts, and humanities, with coverage dating back to 1900. Focus on the essential data from across more than 250 disciplines. Cover-to-cover indexing of content is provided by **Science Citation Index Expanded, Social Sciences Citation Index, Arts & Humanities Citation Index, Index Chemicus, Current Chemical Reactions, Master Journal List, Book Citation Index, Conference**

Proceedings Citation Index and most useful for LIS field i.e. 85 Information Science and Library Science Journals. Web of Science is weekly Updated.

Web of Science includes:

- 12,311+ journals from 256 categories, 110,000 proceedings from conferences, symposia, seminars, colloquia worldwide
- Journal back files to 1900, cover-to-cover indexing, cited reference and chemical structure searches
- Science – 7100 international journals and highly cited book series in 170 categories back to 1900
- Social Sciences – 1,750 international journals and highly cited book series in different subject categories
- Arts & Humanities – 1,200 international journals and highly cited book series in different categories
- Complete backfiles to 1945
- Author identification tools
- Direct links to your full-text collections

SCOPUS

Elsevier introduced Scopus in November 2004. This is a subscription-based database which provides substantial factual information about the database, including the number of records and lists of journals indexed. It also offers powerful features for browsing, searching, sorting, and saving functions, as well as exporting to citation management software. Coverage in Scopus goes back to 1966. Scopus is daily updated.

Scopus includes:

- 53 million records
- 22,000 titles from more than 5,000 international publishers
- 390 trade publications
- 370 book series
- 4.9 million conference proceedings, 1,200 open access journals
- 5.5 million conference papers
- 386 million scientific web pages
- Alerts to keep you up-to-date on new articles matching your search query, or by favorite authors
- Links to full-text & other library resources

Web of Science and SCOPUS are quite different tools. Both use bibliometrics but each has unique features, coverage and practices. Some important features of Web of Science and SCOPUS are mention in following table.

Features	Web of Science	SCOPUS
Number of Journals	12,311	22000
Focus	Social Sciences, Science, Technology, Arts and Humanities	Physical Science, Health Science, Life Sciences, Social sciences
Period Covered	1900	1966
Databases covered	Science Citation Index, Social Sciences Citation Index, Art and Humanities Citation Index	Elsevier databases such as Geobase, Biobase, Embase and more
Updated	Weekly	Daily
Developer/Producer	Thomson Reuters	Elsevier
Citation analysis	Yes	Yes
Controlled Vocabulary	No	Yes-Index Terms field
Export features	Yes	Yes
Alert Service	Yes	Yes
Strengths	Covers Social Sciences, Science, Technology and Art & Humanities	Greater international coverage
Weaknesses	No controlled vocabulary.	relatively weak in sociology, physics and astronomy

LIS journals in Web of Science

Total 85 peer review Library and Information Science journals are indexed under Social Sciences Citation Index in Web of Science database which will be listed as below alphabetically.

S No	Name of Journal
1	African Journal of Library Archives And Information Science
2	Aslib Journal Of Information Management
3	Australian Academic & Research Libraries
4	Australian Library Journal
5	Canadian Journal Of Information And Library Science- <i>Revue Canadienne Des Sciences De L Information Et De Bibliotheconomie</i>
6	College & Research Libraries
7	Data Base For Advances In Information Systems
8	Econtent
9	Electronic Library
10	Ethics And Information Technology
11	European Journal Of Information Systems
12	Government Information Quarterly
13	Health Information And Libraries Journal
14	Informacao & Sociedade-Estudos
15	Informacios Tarsadalom
16	Information & Culture
17	Information & Management
18	Information And Organization
19	Information Development
20	Information Processing & Management
21	Information Research-An International Electronic Journal
22	Information Society
23	Information Systems Journal
24	Information Systems Research

25	Information Technology & Management
26	Information Technology & People
27	Information Technology And Libraries
28	Information Technology For Development
29	Interlending & Document Supply
30	International Journal Of Computer-Supported Collaborative Learning
31	International Journal Of Geographical Information Science
32	International Journal Of Information Management
33	Investigacion Bibliotecologica
34	Journal Of Academic Librarianship
35	Journal Of Computer-Mediated Communication
36	Journal Of Documentation
37	Journal Of Global Information Management
38	Journal Of Global Information Technology Management
39	Journal Of Health Communication
40	Journal Of Information Science
41	Journal Of Information Technology
42	Journal Of Informetrics
43	Journal Of Knowledge Management
44	Journal Of Librarianship And Information Science
45	Journal Of Management Information Systems
46	Journal Of Organizational And End User Computing
47	Journal Of Scholarly Publishing
48	Journal Of Strategic Information Systems
49	Journal Of The American Medical Informatics Association
50	Journal Of The Association For Information Science And Technology
51	Journal Of The Association For Information Systems
52	Journal Of The Medical Library Association
53	Knowledge Management Research & Practice
54	Knowledge Organization
55	Law Library Journal
56	Learned Publishing

57	Library & Information Science Research
58	Library And Information Science
59	Library Collections Acquisitions & Technical Services
60	Library Hi Tech
61	Library Journal
62	Library Quarterly
63	Library Resources & Technical Services
64	Library Trends
65	Libri
66	Malaysian Journal Of Library & Information Science
67	Mis Quarterly
68	Mis Quarterly Executive
69	Online Information Review
70	Portal-Libraries And The Academy
71	Profesional De La Informacion
72	Program-Electronic Library And Information Systems
73	Reference & User Services Quarterly
74	Research Evaluation
75	Restaurator-International Journal For The Preservation Of Library And Archival Material
76	Revista Espanola De Documentacion Cientifica
77	Scientist
78	Scientometrics
79	Serials Review
80	Social Science Computer Review
81	Social Science Information Sur Les Sciences Sociales
82	Telecommunications Policy
83	Telematics And Informatics
84	Transinformacao
85	Zeitschrift Fur Bibliothekswesen Und Bibliographie

LIS journals in SCOPUS

Total 206 peer review Library and Information Science journals are indexed in SCOPUS database which will be listed as below alphabetically.

S. No.	Source Title
1	Accountability in Research
2	Acquisitions Librarian
3	African Journal of Library Archives and Information Science
4	AIB Study
5	American Archivist
6	Anales de Documentation
7	Annals of Library and Information Studies
8	Archival Science
9	Archivaria
10	Archives
11	Archives and Manuscripts
12	Aslib Proceedings: New Information Perspectives
13	Australian Academic and Research Libraries
14	Australian Library Journal
15	Behavioral and Social Sciences Librarian
16	BiD
17	Bilgi Dnyasi
18	Biomedical Digital Libraries
19	Book Research Quarterly
20	Bottom Line
21	Bulletin des Bibliothèques de France
22	Bulletin. John Rylands University Library of Manchester
23	Campus-Wide Information Systems
24	Canadian Journal of Information and Library Science
25	Cataloging and Classification Quarterly

S. No.	Source Title
26	CD-ROM Professional
27	Ciencia da Informacao
28	Collection Building
29	Collection Management
30	College and Research Libraries
31	College and Research Libraries News
32	College and Undergraduate Libraries
33	Communications in Information Literacy
34	Community and Junior College Libraries
35	Computers in the Schools
36	Cuadernos.info
37	Cybermetrics
38	Database
39	DESIDOC Journal of Library and Information Technology
40	Development and Learning in Organizations
41	D-Lib Magazine
42	Document Numerique
43	Documentalist: Sciences de Information
44	Education and Information Technologies
45	Education for Information
46	Electronic Library
47	Ethics and Information Technology
48	European Journal of Information Systems
49	Evidence Based Library and Information Practice
50	Gazette des Archives
51	Government Information Quarterly
52	Grey Journal
53	Health information and libraries journal
54	Ibersid
55	IEEE Transactions on Information Theory

S. No.	Source Title
56	IFLA Journal
57	Informacion, Cultura y Sociedad
58	Information and Organization
59	Information Communication and Society
60	Information Design Journal
61	Information Development
62	Information Management and Computer Security
63	Information Processing and Management
64	Information Professional
65	Information Research
66	Information Retrieval
67	Information Services and Use
68	Information Systems Management
69	Information Systems Research
70	Information Technology and Libraries
71	Information Technology and People
72	Informing Science
73	Insights
74	Interlending and Document Supply
75	International Information and Library Review
76	International Journal of Data Mining and Bioinformatics
77	International Journal of Geographical Information Science
78	International Journal of Information Management
79	International Journal of Information Science and Management
80	International Journal of Law and Information Technology
81	International Journal of Metadata, Semantics and Ontologies
82	International Journal of the Book
83	International Journal on Digital Libraries
84	Internet Reference Services Quarterly
85	Investigacion Bibliotecologica

S. No.	Source Title
86	Issues in Science and Technology Librarianship
87	Journal of Academic Librarianship
88	Journal of Access Services
89	Journal of Archival Organization
90	Journal of Chemical Information and Modeling
91	Journal of Cheminformatics
92	Journal of Classification
93	Journal of Digital Information
94	Journal of Digital Information Management
95	Journal of Documentation
96	Journal of Educational Media and Library Science
97	Journal of Electronic Resources in Medical Libraries
98	Journal of Electronic Resources Librarianship
99	Journal of Enterprise Information Management
100	Journal of Health Communication
101	Journal of Hospital Librarianship
102	Journal of Information and Computational Science
103	Journal of Information and Knowledge Management
104	Journal of Information and Organizational Sciences
105	Journal of Information Ethics
106	Journal of Information Literacy
107	Journal of Information Science
108	Journal of Information Science and Engineering
109	Journal of Information Technology
110	Journal of Information, Information Technology, and Organizations
111	Journal of Interlibrary Loan, Document Delivery and Electronic Reserve
112	Journal of Internet Cataloging
113	Journal of Librarianship and Information Science
114	Journal of Library Administration
115	Journal of Library and Information Services in Distance Learning

S. No.	Source Title
116	Journal of Library Metadata
117	Journal of Map and Geography Libraries
118	Journal of the Association for Information Science and Technology
119	Journal of the Medical Library Association : JMLA
120	Journal of the Society of Archivists
121	Journal of Web Librarianship
122	Knowledge Management Research and Practice
123	Knowledge Organization
124	Language Resources and Evaluation
125	Law Library Journal
126	Legal Reference Services Quarterly
127	LIBER Quarterly
128	Libraries and the Cultural Record
129	Library
130	Library Administration and Management
131	Library and Archival Security
132	Library and Information Science
133	Library and Information Science Research
134	Library Collections, Acquisition and Technical Services
135	Library Hi Tech
136	Library Hi Tech News
137	Library Journal
138	Library Leadership and Management
139	Library Management
140	Library Philosophy and Practice
141	Library Quarterly
142	Library Resources and Technical Services
143	Library Review
144	Library Trends
145	Libres

S. No.	Source Title
146	Libri
147	Malaysian Journal of Library and Information Science
148	Masaryk University Journal of Law and Technology
149	Medical Reference Services Quarterly
150	Microform and Digitization Review
151	Music Reference Services Quarterly
152	New Library World
153	New Review of Academic Librarianship
154	NFD Information-Wissenschaft und Praxis
155	NII Journal
156	Notes
157	Notes and queries
158	OCLC Systems and Services
159	Online Information Review
160	Pakistan Journal of Library and Information Science
161	Papers of the Bibliographical Society of America
162	Performance Measurement and Metrics
163	Perspectivas em Ciencia da Informacao
164	Preservation, Digital Technology and Culture
165	Proceedings of the ASIST Annual Meeting
166	Profesional de la Informacion
167	Program
168	Progress in Informatics
169	Prologue
170	Public Library Quarterly
171	Quaerendo
172	Records Management Journal
173	Reference and User Services Quarterly
174	Reference Librarian
175	Reference Services Review

S. No.	Source Title
176	Research Evaluation
177	Research Strategies
178	Revista Espanola de Documentacion Cientifica
179	Revista General de Informacion y Documentacion
180	School Library Media Research
181	Science and Technology Libraries
182	Scientometrics
183	Scire
184	Script and Print
185	Scriptorium
186	Serials
187	Serials Librarian
188	Serials Review
189	SIMILE
190	Slavic and East European Information Resources
191	Social Science Computer Review
192	Social Science Information
193	Studies in Bibliography
194	Technical Services Quarterly
195	Terminology
196	The Book Collector
197	Transactions of the Cambridge Bibliographical Society
198	Transinformacao
199	Tuna
200	VINE
201	Vjesnik Bibliotekara Hrvatske
202	VOEB-Mitteilungen
203	Webology
204	World Patent Information
205	Yale University Library Gazette

S. No.	Source Title
206	Zeitschrift für Bibliothekswesen und Bibliographie

Observations of LIS journals in Web of Science and SCOPUS

Observations of data regarding various features from Web of Science and SCOPUS are as follows:

S.No	Name of feature	Web of Science	SCOPUS
1	Number of journal Titles	12,311	22000
2	Number of Social Sciences journals titles	4,418	5,701
3	Number of subjects under Social Sciences	56	56
4	Number of LIS journals	85	206
5	Number of Publishers	47	120
6	Number of Publication countries	12	27
7	Number of ISSN journals	All	All
8	Number of E-ISSN journals	--	69
9	Number of inter disciplinary coverage journals	33	103

It has been observed that scholarly and peer reviewed worldwide journals are 12311 in WoS and 22000 in SCOPUS and covered 56 subjects under Social Sciences in both. Out of 12311 and 22000 journals, there are 4418 and 5701 Social Sciences journals in WoS and SCOPUS respectively. The table also shows total 85 LIS journals in WoS and 206 LIS journals in SCOPUS and it can be access. Total 47 in WoS and 120 in SCOPUS publishers observed under the Library and Information Science journals. 12 publication countries are involved for publication of LIS journals in Wos and 27 in SCOPUS. Each and every journal

has ISSN number and 69 journals have E-ISSN number only in SCOPUS. One observation of WoS and SCOPUS database is out of total LIS journals **33** and 103 are inter disciplinary coverage journals respectively.

CONCLUSION

Present study indicates that LIS journal coverage in both Web of Science and SCOPUS databases which is very useful for LIS field. Also conclude that SCOPUS provide more coverage than Web of Science.

REFERENCES

- Bar-Ilan, J. (2008). Which h-index? – A comparison of Web of Science, Scopus and Google Scholar. *Scientometrics*, 74(2), 257-271. Available at: <http://dx.doi.org/10.1007/s11192-008-0216-y> (Accessed on 7 September 2015)
- Boyle, F., & Sherman, D. (2006). Scopus: The product and its development. *The Serials Librarian*, 49(3), 147-153. Available at: http://dx.doi.org/10.1300/J123v49n03_12 (Accessed on 12 September 2015)
- Fingerman, S. (2006). Web of Science and Scopus: Current features and capabilities. *Issues in Science and Technology Librarianship*, 48(Fall). Available at: <http://www.istl.org/06-fall/electronic2.html> (Accessed on 12 September 2015)
- Guz, A.N., & Rushchitsky, J.J. (2009) Scopus: A system for the evaluation of scientific journals. *International Applied Mechanics*, 45(4), 35-362. Available at: <http://dx.doi.org/10.1007/s10778-009-0189-4> (Accessed on 7 September 2015)
- Vieira, E. S., & Gomes, J. A. N. F. (2009). A comparison of Scopus and Web of Science for a typical university. *Scientometrics*, 81(2), 587-600. Available at: <http://dx.doi.org/10.1007/s11192-009-2178-0> (Accessed on 7 September 2015).