Library and Information Science Journals in DOAJ: An Overview

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Abstract

This paper discusses about the library and information science journals which are indexed in DOAJ. The study is focused on open access journals in subject on library and information Science based on the data available in DOAJ. As on 10th February 2022, the DOAJ contains 175 open access journals. It is resulted that the United States contributed 29 journals and followed by Brazil 25 numbers & from Spain 12 numbers of journals for library and information science. It is observed from the table, more than 20 countries were contributed only one journals for library and information science based on the data available in DOAJ
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Keywords

Open Access; DOAJ, E-Journals, Library Science

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1. Introduction

The society is in the process of structural transformation for nearly three decades. This process is growth is closely associated with the emergence of a new technological paradigm; based in Information and communication technologies that took shape in the last quarter of the 20thCentury. However the diffusion of the technology has not been even around the world. Throughout history societies and communities have shaped technologies depending on needs, values, and interests of people who use the technology. ICTs are particularly sensitive to the culture values and social uses on technology itself. Directory of open access journals (DOAJ) defines open access journals as "journals that use a funding model that does not charge readers or their institutions for access." According to Budapest Open Access Initiative (2002) OA journal is "freely availability on the public Internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself".

2. Open Access Journals

Open Access journals allow access to freely read, download, copy, distribute and print articles and other informational material. Open Access to research journals and literature accelerates research and enriches education and knowledge sharing between more developed countries and less in developing countries. Because of constantly rising costs, open access journals are more sustainable than non-open access journals. There are many organizations in India; some of the private organizations offer the open access mode to their journals for the benefit of users. Some of the leading publishers are also with the permission from authors offer the open access to that particular author publication in open access mode. The Open Access initiative movement promotes free access to scholarly publications through internet. This initiative made absolutely free from pricing, permission, perishing the articles. Directory of Open Access Journals is one such a service that provides access to quality controlled Open Access Journals. This paper tries to analysis the Library and Information Science Journals in DOAJ directory.

3. Previous Studies

Archana and Subhash (2009) analyzed 114 open access journals in the area of Computer Science. The paper also described based on their periodicity, publication year, subject-wise distribution and place of publication. Open Access Journals maintain the traditional values of journals- notably peer review, but also editing and formatting and marketing.. Ajay, Shalini and Ramdas (2011) analysed 48 business and management e-journals on country, language, subject headings and accessibility of archives of e-journals. Singh and Naidu (2011) explained the benefits of e-journals and provided full bibliographical description of open access e-journals in the area of Library and Information Science. Xia (2012) uses the h-index to rank the quality of library and information science journals between 2004 and 2008. Selected open access (OA) journals are included in the ranking to assess current OA development in support of scholarly communication. Sivakumaren (2012) identified majority of journals are published by USA; the large numbers of journals are published in English language. It is further found that during 1996-2005, more number of open access journals has been published and less numbers of journals were published in multilingual languages. Tamizhchelvan and Dhanavandan (2013) observed 595 open access journals are added in DOAJ from India. The maximum 137 (23.03%) journals added in the year 2013 and 126 (21.18%) journals added in the year 2010. The 65(10.92%) journals are collecting publication processing fee with some conditional terms and 3(0.50%) journals are not mentioned their nature in the respective publication processing fees and the maximum (585) number of journals are published from only in English language. Dhanavandan and Tamizhchelvan (2014) observed Out of 146, the United States occupies the first position with 36 journals, Brazil is in the second position with 15 journals and Spain occupies the third position with 12 journals in DOAJ. Sathish (2019) analysed an Indian Research output contribution in OPEN Access journals indexed in DOAJ . His study lists out the statistical data according to country wise, year-wise, subject wise. Article processing fee, Journals licensing from 2003 to May 2019. As analysed in June 2019 India ranked 14th (n=277) Open access Journals worldwide. The growth rate of research output increased from the year 2016 (n=33) onwards.

4. Objectives of the study

The objectives of the study are as follows:

1. To know open Access Journals LIS indexed with DOAJ
2. To identify the Country wise LIS Open Access Journals
3. To identify the fee processing status of LIS Journals
4. To identify publication languages of the LIS journals in DOAJ

5. Methodology

The study is focused on open access journals in subject on library and information Science based on the data available in DOAJ. As on 10th February 2022, the DOAJ contains 175 open access journals.

6. Analysis and Findings

The data collected from the DOAJ were analysed as follows.

6.1. Year wise Journals Added in DOAJ

The open access journals in Library and Information Science which are listed DOAJ are shown in table 1

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Table 1: Year wise journals

Sl.No.	Year of Added in DOAJ	No.of Journals	Percentage
1	2021	12	6.86
2	2020	19	10.86
3	2019	18	10.29
4	2018	15	8.57
5	2017	29	16.57
6	2016	12	6.86
7	2015	12	6.86
8	2014	1	0.57
9	2013	14	8.00
10	2012	8	4.57
11	2011	4	2.29
12	2010	6	3.43
13	2009	3	1.71
14	2008	3	1.71
15	2007	6	3.43
16	2006	5	2.86
17	2005	3	1.71
18	2004	1	0.57
19	2003	4	2.29
	Total	175	100.00

(Data collected form DOAJ website on 10th February 2022)

Table 1 shows the year-wise added the open access journals in the subject of Library and Information Science in DOAJ. As of now there 175 journals are listed in DOAJ which is the years 2003 to 2021. It is observed from the table, the highest no. of journals (19) were added in 2017. Followed by 19(10.86%) journals were added in 2020. Only one journal was added in the 2004 and 2014.

6.2. Country wise Journals in LIS

The Country wise open access journals in Library and Information Science are shown in table 2.

Table 2: Country wise Journals in LIS

Sl.No.	Country	No.of Journals
1.	United States	29
2.	Brazil	25
3.	Spain	12
4.	Indonesia	11
5.	Poland	10
6.	Iran, Islamic Republic of	8
7.	Canada	6
8.	Ukraine	6
9.	United Kingdom	6
10.	Germany	5
11.	Italy	5
12.	Switzerland	5
13.	Romania	4
14.	Argentina	2
15.	China	2
16.	Colombia	2
17.	Costa Rica	2
18.	Cuba	2
19.	France	2
20.	Korea, Republic of	2
21.	Lithuania	2
22.	Mexico	2
23.	Netherlands	2
24.	Taiwan, Province of China	2
25.	Austria	1
26.	Bosnia and Herzegovina	1
27.	Bulgaria	1
28.	Croatia	1
29.	Egypt	1
30.	Finland	1
31.	India	1
32.	Japan	1
33.	Kenya	1
34.	Malaysia	1
35.	Norway	1
36.	Pakistan	1
37.	Portugal	1
38.	Qatar	1
39.	Russian Federation	1
40.	Serbia	
41.	Singapore	1
42.	South Africa	1
43.	Sweden	1
44.	Turkey	1
45.	Uruguay (	1

The table 2 states the Country wise open access journals in Library and Information Science which are listed in DOAJ. There are 45 countries were contributed in various headings. The United States contributed 29 journals and followed by Brazil 25 numbers & from Spain 12 numbers of journals for library and information science. It is observed from the table, more than 20 countries were contributed only one journals for library and information science based on the data available in DOAJ.

6.3. Language wise Journals in DOAJ for LIS

The library and information science journals were analysed based on the language wise which are indexed in DOAJ are shown in table 3.

Table 3: Language wise Journals in DOAJ for LIS

Sl.No.	Languages	No. of Journals	Percentage
1	English (130)	130	43.19
2	Spanish (39)	39	12.96
3	Portuguese (36)	36	11.96
4	French (12)	12	3.99
5	German (10)	10	3.32
6	Indonesian (9)	9	2.99
7	Italian (9)	9	2.99
8	Polish (9)	9	2.99
9	Ukrainian (7)	7	2.33
10	Russian (6)	6	1.99
11	Catalan (4)	4	1.33
12	Chinese (4)	4	1.33
13	Persian (4)	4	1.33
14	Arabic (3)	3	1.00
15	Lithuanian (3)	3	1.00
16	Croatian (2)	2	0.66
17	Romanian (2)	2	0.66
18	Serbian (2)	2	0.66
19	Belarusian (1)	1	0.33
20	Bosnian (1)	1	0.33

21	Czech (1)	1	0.33
22	Finnish (1)	1	0.33
23	Galician (1)	1	0.33
24	Norwegian Bokmål (1)	1	0.33
25	Slovak (1)	1	0.33
26	Swedish (1)	1	0.33
27	Turkish (1)	1	0.33
28	Urdu (1	1	0.33

The table 3 depicts the language wise open access journals in Library and Information Science which are listed in DOAJ. The library and information science journals are available more than 25 languages, among them 130 journals are in English followed by 39 journals in Spanish. It is highlighted from the table, only one journal in the following languages such as Belarusian, Bosnian, Czech, Finnish, Galician, Norwegian Bokmål, Slovak, Swedish, Turkish and Urdu for library and information science based on the data available in DOAJ.

6.4. Peer Review wise Journals in DOAJ for LIS

The library and information science journals were analysed based on the peer review wise which are shown in table 4.

Table 4: Peer-review-wise Journals

Sl.No.	Type of Review	No.of Journals
1	Blind peer review	27
2	Committee review	1
3	Double blind peer Review	109
4	Editorial review	7
5	Open peer review	3
6	Peer review	30
	Total	177

Table 4 shows the types of peer review-wise open access journals in library and information science based on the data available in DOAJ. Out of 177 journals, 27 journals followed 'Blind Peer Review' 109 journals for 'Double Blind Peer Review and 30 journals mentioned 'Peer Review' systems. It is observed from the only onle journal followed 'Committee Review' method.

6.5. License wise Journals in DOAJ for LIS

The library and information science journals were analysed based on the creative common licenses wise which are indexed in DOAJ are shown in table 5.

Table 5: License-wise Journals

Sl.No.	License	No.of Journals	Percentage
1	CC BY	78	43.58
2	CC BY-NC	34	18.99
3	CC BY-NC-ND	30	16.76
4	CC BY-NC-SA	18	10.06
5	CC BY-ND	3	1.68
6	CC BY-SA	14	7.82
7	Publisher's own license	2	1.12
	Total	179	100.00

The table 5 shows the license wise open access journals in Library and Information Science which are listed in DOAJ. Among journals 78 has 'CCBY', 34 has CC BY-NC', 30 has 'CC BY-NC-ND', 18 has CC BY-NC, SA' 3 has CC BY-ND' and 14 has CC BY SA' licenses. It is pointed out from the table, only 2 journals has 'Publisher's own license'.

6.6. Publisher wise Contribution of LIS Journals

The library and information science journals were identified by publishers wise which are indexed in DOAJ are shown in table 6.

Table 6: Publisher wise Contribution of LIS Journals

Sl. No.	Publishers	No.of Journals
1	Universidad Complutense de Madrid	3
2	University Library System, University of Pittsburgh	3
3	Association of College and Research Libraries	2
4	Instituto Brasileiro de Informação em Ciência e Tecnologia (IBICT)	2
5	KNUKiM Publishing Centre	2
6	Levy Library Press	2
7	MDPI AG	2
8	Michigan Publishing	2
9	Universidad de Murcia	2
10	Universidade Federal da Paraíba	2

11	Universidade de Brasília	2
12	Universitas Negeri Malang	2
13	University of Alberta	2
14	University of Bologna	2
15	Vernadsky National Library of Ukraine	2
16	Vilnius University Press	2
17	Adam Mickiewicz University, Poznan	1
18	American Library Association	1
19	American Theological Library Association	1
20	Arquivo Nacional	1
21	Associazione italiana biblioteche	1
22	Associação Brasileira de Educação em Ciência da Informação	1
23	Babol University of Medical Sciences	1
24	Banco de la República	1
25	Brechner Center for Freedom of Information, University of Florida	1
26	CILIP Library & Information Research Group	1
27	CITCEM	1
28	Cademos de Informação Jurídica	1
29	Central Library of Astan Quds Razavi	1
30	Chartered Institute of Library and Information Professionals	1
31	Chartered Institute of Library and Information Professionals (CILIP)	1
32	Chinese American Librarians Association	1
33	Code4Lib	1
34	Col·legi Oficial de Bibliotecaris i Documentalistes de la Comunitat Valenciana	1
35	Communications in Information Literacy	1
36	Consejo Superior de Investigaciones Científicas	1
37	Cybrarians: The Arabic Portal for Librarianship and Information	1
38	De Gruyter	1
39	Departamento de Ciência da Informação	1
40	Department of Library Science Program Studi Ilmu Perpustakaan UIN Alauddin	1
41	Ediciones Universidad de Salamanca	1
42	Editorial Ciencias Médicas	1
43	Editorial Department of Journal of Library and Information Science in Agriculture	1
44	European Association for Health Information and Libraries	1
45	Faculty of Adab and Humanities UIN Syarif Hidayatullah Jakarta	1
46	Firenze University Press	1
47	Frontiers Media S.A.	1
48	German Medical Science GMS Publishing House	1
49	Grupa Cogito	1
50	Hamad Bin Khalifa University Press	1
51	Hamara Afzar	1
52	I.I.Mechnikov National University	1
53	Ikatan Pustakawan Indonesia (IPI) Pusat	1
54	In the Library with the Lead Pipe	1
55	Inforec Association	1
56	Informaatiotutkimuksen yhdistys ITY ry	1
57	Institut Agama Islam Negeri (IAIN) Curup	1
58	Institut für Bibliothekswissenschaft Berlin	1
59	Institut für Dokumentologie und Editorik e. V.	1
60	Institute for Research in Classical Philosophy and Science	1
61	Iowa State University Digital Press	1
62	Iranian Research Institute for Information and Technology	1
63	Kharkiv State Academy of Culture	1
64	Korea Institute of Science and Technology Information	1
65	LIS Press	1
66	Lembaga Ilmu Pengetahuan Indonesia	1
67	Library Association of the City University of New York	1
68	Library of the University of Heidelberg	1
69	Lodz University Press	1
70	Main Library of Pedagogical University of Cracow	1
71	Marketing Libraries Journal	1

72	Medical University of Warsaw	1
73	NISCAIR	1
74	Nanyang Technological University, Singapore	1
75	National Electronic Information Consortium (NEICON)	1
76	National Taiwan Normal University	1
77	National Taiwan University	1
78	Nicolas Turenne	1
79	Nicolaus Copernicus Public Provincial Library in Toruń and Institute of History and Archival Science, Nicolaus Copernicus University in Toruń	1
80	Nicolaus Copernicus University in Toruń	1
81	North Carolina Library Association	1
82	Pensoft Publishers	1
83	Pontificia Universidade Católica de Campinas	1
84	Programa de Pós-Graduação em Ciência da Informação Ibict/UFRJ	1
85	Programa de Pós-graduação em Gestão da Informação e do Conhecimento/Departamento de Ciência da Informação	1
86	Regional Information Center for Science and Technology (RICeST)	1
87	Regional Institute of Information and Knowledge Management	1
88	Research Institute for Knowledge Content Development & Technology	1
89	Romanian Library Association	1
90	SJSU Scholarworks	1
91	Sekolah Tinggi Agama Islam Negeri (STAIN) Kudus	1
92	Self-published via PubPub	1
93	Société Française de Sciences de l'Information et de la Communication	1
94	Special Libraries Association (SLA)	1
95	Stellenbosch University	1
96	Tennessee Library Association	1
97	The Canadian Association of Professional Academic Librarians	1
98	The International Academic Forum	1
99	The National and University Library of Bosnia and Herzegovina	1
100	The Partnership	1
		118

Table 6 shows the publishers wise open access journals in library and information science based on the data available in DOAJ. The Universidad Complutense de Madrid publishing 3 journals and University Library System, University of Pittsburgh equally publishing 3 journals. It is observed from the table, more than 85 publishers they are publisgigh only one journals in library and information science.

6.7. LIS journals with DOAJ Seal

The DOAJ Seal is awarded to the journals that exhibit it best practice for the open access publishing. Approximately 10% of journals indexed in DOAJ have been awarded the DOAJ Seal. There are seven criteria which a journal must meet to be eligible to get the DOAJ Seal. These criteria related to the best practice in long term preservation, use of persistent identifiers, metadata, discoverability, reuse policies and authors' rights.

Table 7: LIS journals with DOAJ Seal

Sl. No.	Name of Journal	Publishers	Country	Languages	Updated On	Processing Charges	License
1	AIB Studi	Associazione italiana biblioteche	Italy	Italian, English	2021	No charges	CC BY-SA
2	Biblios	University Library System, University of Pittsburgh	United States	Spanish, Portuguese	2017	No charges	CC BY
3	Data	MDPI AG	Switzerland	English	2021	APCs: 1400 (CHF)	CC BY
4	Evidence Based Library and	University of Alberta	Canada	English	2019	No charges	CC

	Information Practice						BY-NC-SA
5	Frontiers in Research Metrics and Analytics	Frontiers Media S.A.	Switzerland	English	2021	APCs: 950 (USD)	CC BY
6	Informaatiotutkimus Information Studies	Informaatiotutkimuksen yhdistys ITY	Finland	English, Swedish, Finnish	2019	No charges	CC BY-NC-SA
7	Insights: The UKSG Journal	Ubiquity Press	United Kingdom	English	2016	No charges	CC BY
8	JLIS.it Italian Journal of Library and Information Science	Firenze University Press	Italy	English, Italian	2022	No charges	CC BY
9	Journal of the Medical Library Association JMLA	University Library System, University of Pittsburgh	United States	English	2017	No charges	CC BY
10	KULA Knowledge Creation, Dissemination, and Preservation Studies	University of Victoria Libraries	Canada	English	2021	No charges	CC BY
11	Romanian (2) Mitteilungen der Vereinigung Österreichischer Bibliothekarinnen und Bibliothekare Mitteilungen der VÖB	Vereinigung Österreichischer Bibliothekarinnen und Bibliothekare	Austria	English, German	2020	No charges	CC BY
12	Pennsylvania Libraries: Research & Practice PaLRaP	University of Pittsburgh	United States	English	2016	No charges	CC BY
13	Publications	MDPI AG	Switzerland	English	2021	APCs: 1400 (CHF)	CC BY
14	The Journal of Altmetrics Journal of Altmetrics	Levy Library Press	United States	English	2020	No charges	CC BY
15	e-Ciencias de la Información	Universidad de Costa Rica	Costa Rica	Spanish	2019	No charges	CC BY-NC-SA

The above the table shows the library and information science journals having DOAJ Seal based on the data available in DOAJ. There are totally 15 journals in library and information science having Seal, among them; three journals are collecting Article Processing Fees. But all the journals are updated frequently in DOAJ.

7. Conclusion

The DOAJ are always encourages the academic peoples by way of providing articles in online to the reader "without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself". Some are subsidized, and some require payment on behalf of the author. The above study has been show that DOAJ is a community curated online directory that indexes and provides access to high quality, open access, peer-reviewed journals, DOAJ is independent. All DOAJ services are free of cost including being indexed in DOAJ. All Data is freely available on DOAJ website.

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