

# Library & Information Science Journals in DOAJ: A Bibliometric Study

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**Abstract:** This paper presents a bibliometric study of library and information science journals archived in the directory of open access journals. A total of 72 LIS journals are focused and included in the paper. The analysis has been done on different parameters like country wise distribution, language wise distribution, etc. □

**Keywords:** DOAJ, LIS journals, Bibliometric Study, open access, library science, repository

## 1 Introduction

Open-access (OA) literature is digital, online, free of charge, and free of most copyright and licensing restrictions. OA is entirely compatible with peer review, and all the major OA initiatives for scientific and scholarly literature insist on its importance. Open access journals and open access archives are very important tools to disseminate the scholarly literature among the users. The benefits of open access for authors, organization, users and society are great. Open access promotes wider accessibility of the information produced by the author.

The Directory of Open Access Journals (DOAJ) is a free service, which provides fully Open Access, peer-reviewed scholarly journals. DOAJ is a collection of peer review open access journals covering various disciplines and different languages published from different countries across the world. It is one interface catering various needs of the users.

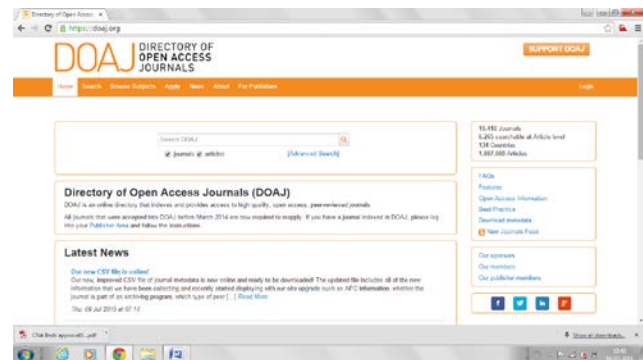


Fig 1

Source: <https://doaj.org/>

## 2 Aims and Goals of DOAJ

- Increased visibility and access
- Increased usage
- Increased citation
- Increased impact

## 3 Scope

This study covers the library science journals archived in the directory of open access journals (DOAJ). A focus has been made on those journals covered in DOAJ and the same are also interdisciplinary in nature.

## 4 Objectives

1. To find out the growth of the repository of open access journals
2. To find out the trend of the journals deposited in the directory.

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3. To investigate the number of foreign journals archived in the repository
4. To examine the number of foreign languages journals openly accessible.□

## 5 Analysis of the study

### 5.1 Year-wise distribution □

Table 1

Year	No of journals	Cumulative No	Cumulative Percentage
2003	9	9	12.5
2004	3	12	16.66
2005	6	18	24.96
2006	5	23	31.86
2007	2	25	34.56
2008	1	26	35.86
2009	1	27	37.16
2010	7	34	46.86
2011	7	41	56.56
2012	7	48	66.26
2013	15	63	87.06
2015	9	72	99.56

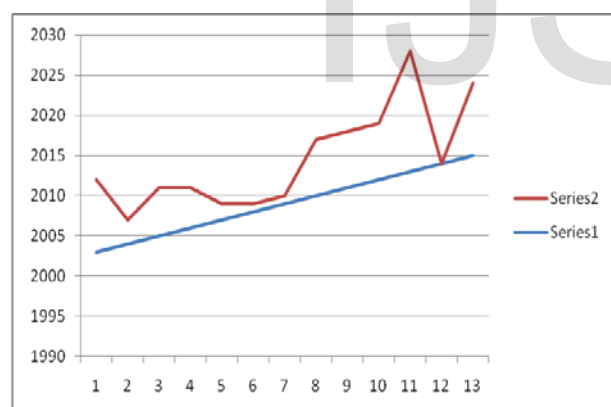


Fig 2

Table 1 displays the growth and trend of Library Science journals deposited in DOAJ. Till 2013 87.06% journals are archived and surprisingly in 2014 none of the journals of Library Science field are archived. Over the years, there is increase in the archiving of Library Science journals. Till date, 72 journals from LIS field has been archived in DOAJ.□

### 5.2 Mode of journals

Table 2

Mode	No of journals	Percentage
Print	36	50
Online	6	8.3
Print + Online	30	41.6
Total	72	99.9

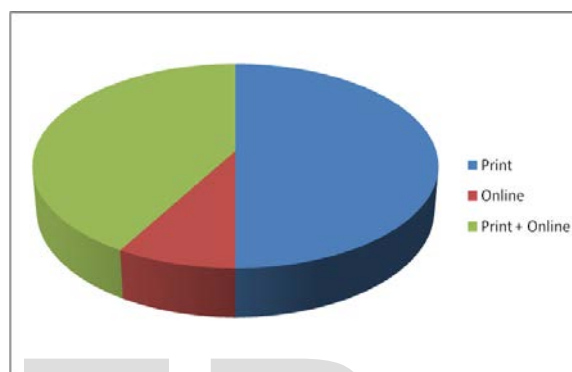


Fig 3

Table 2 displays the mode of journals accessible through DOAJ. 50% print journals are archived in the directory, and 8.3% online journals are archived. 41.6% print + online journals are archived. Journals are archived in different modes to cater the need of different types of users.

### 5.3 Language wise distribution

Table 3

Language	No.of Journals	Percentage
English	48	66.6
Spanish	4	5.5
French	3	4.1
Portuguese	3	4.1
German	3	4.1
Chinese	4	5.5
Spanish;Castilian□	3	4.1
Croatian	3	4.1
Arabic	1	1.3
Total	72	99.4

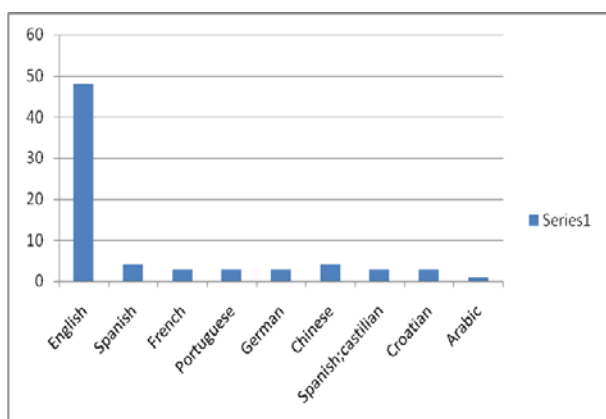


Fig 4

Table 3 depicts the languages in which the journals are published. English is the most common and preferred language among all the languages. 66.6% journals published in English language are archived in DOAJ. In other languages very fewer journals are openly accessible to the users.

#### 5.4 Country wise distribution

Table 4

Country	No. of Journals	Percentage
United States	22	30.5
United Kingdom	4	5.5
Iran	5	6.9
Taiwan	4	5.5
Netherlands	2	2.7
Croatia	4	5.5
Brazil	3	4.1
Spain	3	4.1
Slovenia	1	1.3
Germany	1	1.3
Turkey	1	1.3
South Africa	1	1.3
Poland	1	1.3
Romania	1	1.3
Greece	1	1.3
Egypt	1	1.3
France	1	1.3
Canada	2	2.7
India	2	2.7
Pakistan	1	1.3
Lithuania	1	1.3
Czech Republic	1	1.3
Italy	2	2.7
Cuba	1	1.3
Costa Rica	1	1.3
Chile	1	1.3
South Korea	4	5.5
Total	72	97.9

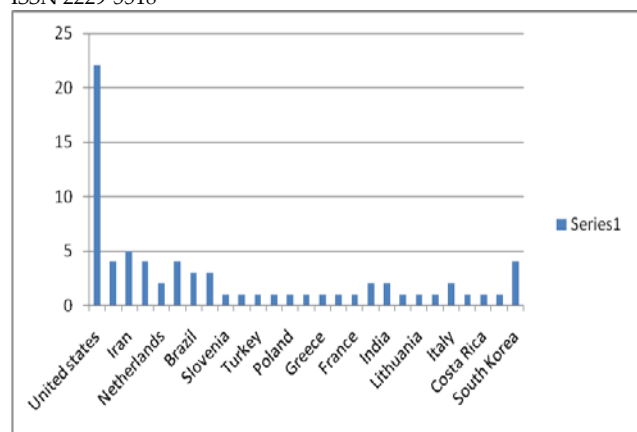


Fig 5

Table 4 displays the country-wise distribution of journals archived in DOAJ. 30.5% journals from the United States are published which are archived in DOAJ. Very fewer journals from other countries are deposited in the directory. Two journals published in India are also archived in DOAJ. International Journal of Information Dissemination and Technology published by M. M. UNIVERSITY, MULLANA- AMBALA and International Research: Journal of Library and Information Science both are Indian journals.

### 5.5 Peer Review

Table 5

Double blind peer reviewed	6	8.33
Blind peer review	2	2.77
Peer review	2	2.77
Non-peer review	62	86.11
Total	72	99.98

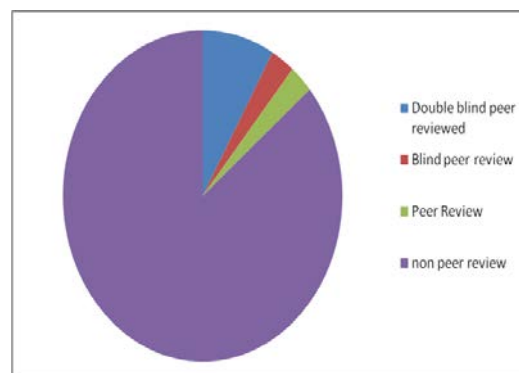


Fig 6

Table 5 depicts the pattern of a review system of different journals. Out of 72 journals the pattern of review of 62 journals has not been mentioned in DOAJ. Therefore, the 86.11% journals are categorised under non-peer review category. Out of 10 Journals 8.33% follow the double-blind peer review system, 2.77% follow the blind peer review, and the other 2.77% adopt the peer review system. For the double-blind peer review, blind peer review and peer review journals the status has been mentioned against the name of the journals.

### 5.6 Discipline wise distribution

Table 6

Disciplines	No of journals	Percentage
LIS Journals	52	72.22
Other disciplines	20	27.77
Total	72	99.99

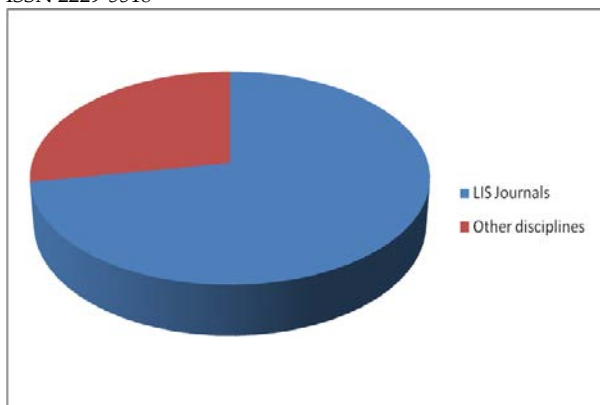


Fig 7

Table 6 depicts quantity of journals exclusively deals with LIS discipline. 72.22% journals archived in DOAJ are restricted to Library & Information Science Subject. 27.77% other related disciplines are also covered in the same journals.

Table 7

Disciplines	No. of Journals	Percentage
Social Science & related disciplines	17	23.61
Humanities	12	16.66
Science & Technology	15	20.83
Total	44	61.10

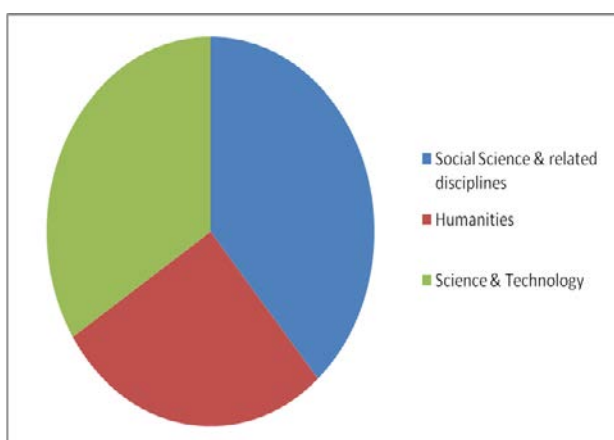


Fig 7

Table 6 displays that the journals archived in DOAJ cover various disciplines other than library science. Out of 72 Journals, 44 journals are interdisciplinary in nature and deals with other disciplines also. Among 44 journals disciplines like Social Sciences, Humanities and Sciences are also covered. 23.61% Social Science and related disciplines journals, 16.66% Humanities journals and 20.83% Science & Technology journals are covered in DOAJ.

## 6 Findings

1. There is a considerable increase in the archiving of library science journals over the years.
2. Very fewer journals in other foreign languages are openly accessible to the users. □
3. A maximum number of print journals and less no of online journals are archived in the DOAJ.
4. Double-blind peer review, Blind peer review and peer review journals are also openly accessible to the users. □
5. A lesser number of journals from other foreign countries are included in the directory.
6. 23.61% Social Science and related disciplines, 16.66% Humanities journals and 20.83% Science & Technology journals are covered in DOAJ.
7. Various other disciplines are also covered in the journals other than library science.
8. 72.22% LIS journals exclusively deals with library science discipline.

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