

ANALYSIS OF PUBLICATION PRODUCTIVITY OF ‘PUBLIC LIBRARY’ BY J-GATE DATABASE

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1. Introduction

Public library is considered an essential part of modern society and plays a very important role in the community. It serves as a cultural center of the community, bringing together people having similar interests through extension services. It should be regarded as a social force, which can greatly influence the society being served. It can help in safe guarding democracy, creating political awakening, bringing social awareness and fostering creative leisure activities. A public library can play an important role in helping different sectors of the community. It can help farmers to improve production. It can enable a businessman to improve business prospects. A Public Library can create in children a love of reading, which can lead to formation of reading habit at an early age. It can help students of all ages. It can provide job information, helping people looking for better prospects or those who are unemployed. In case a member of the society intends to pursue self-education, then public library might be the only institution accessible to him. Similarly elderly, poor and handicapped persons can also be served by it. A blind person might be provided books in Braille. An invalid person can be provided mechanical aids to turn pages, along with books. Therefore considering the importance of Public Library the study has been undertaken by the authors.

2. Conceptual Analysis:

2.1 Public Library

According to Dr. S. R. Rangnathan “Public library is a public institution or establishment changed with the case or collection or books and the case or making than accessible to those who required use of them”

According to Mahashtra public library Act 1967 the Public library is as follows.

Library established and Maintained by the State Government for use by the people.

Library recognized by director for the purpose of grant –in-aid from the library fund.

Other library which that state Government by notification in the official declares be a public library for the purpose of this act.

2.2 J-Gate

J-Gate is an electronic gateway to global e-journal literature. Launched in 2001 by Informatics India Limited, J-Gate provides seamless access to millions of journal articles available online offered by 13,273 Publishers. It presently has a massive database of journal literature, indexed from 47,958 e-journals with links to full text at publisher sites. J-Gate also plans to support online subscription to journals, electronic document delivery, archiving and other related services. a. Table of Contents (TOC) - For 47,958 e-journals. b. Database - A comprehensive searchable database with 53,067,286 articles, with 10,000+ articles added every day.

3. Objectives of the Study

1. To identify year wise articles published in J-Gate on Public Library.
2. To find out highly productive authors on Public Library.
3. To Know Geographical distribution of Public Library articles.
4. To Get information writing of Research areas.
5. To know highly preferred journals by the Scientists for writing research papers on Public Library.
6. Access availability of Public Library articles in J-Gate database.

4. Scope & Limitation of Study

This Study is limited to search results on the 'Public Library' in J-Gate database during 2008 to 2017.

5. Methods and Materials

The growth of publications in the 'Public Library' was derived from the J-Gate during the period 2008 to 2017, a total of full text 1814 articles were found for the Title 'Public Library'. Necessary data was tabulated into separate sheets in terms of authorship pattern, geographical distribution of contributors, ranking list of Sources.

6. Review of Related Literature

Kale Vilas A., Deshmukh Rahul K. & Khiste Gajanan P. (2017) discusses the “Consortia” as reflected in Web of Science for the period from 1989–2016. This study investigates the highly productive authors, Document Type wise, Country wise, Language wise, Publication year wise, Research area wise, Source Title or Journal wise. Khiste G.P. (2017) discusses the “Consortia” as reflected in Scopus for the period from 1989-2016. Khiste G.P. (2018) discusses the “Total Quality Management” as reflected in J-Gate for the period from 2003–2017. Khiste G.P., Deshmukh R.K.& Kale V.A. (2017) discusses the “Bibliometric” as reflected in J-Gate for the period from 2005 to 2016. Khiste G.P., Maske D.B.& Deshmukh R.K. (2018) discusses the “Knowledge Management” as reflected in Scopus for the period from 2007–2016. The result indicates that there were total 7996 documents on Knowledge Management during 2007 to 2016. At the international front, India’s contribution to Knowledge Management is 298 documents during 2007 to 2016 which is rank on tenth. Khiste G.P.& Paithankar R.R.(2017) explained “Bibliometric” as reflected in SCOPUS for the period from 2008–2016. Khiste G.P.& Paithankar R.R.(2017) discusses the “Bibliometric” as reflected in Web of Science for the period from 1989–2016. Khiste G.P.& Paithankar R.R.(2017) discusses the “Bibliometric” as reflected in Science Direct for the period from 2005 to 2016. Maske Dnyaneshwar B, Deshmukh Rahul K & Khiste Gajanan P.(2018) analysed the items on “Information Literacy” as reflected in J-Gate for the period from 2007 to 2016. Tekale K.U.,Veer D.K & Kadam Santosh D.(2017) discuss the productivity of popular articles made by the faculty of agriculture VNMKV, Parbhani for dissemination of agriculture information among the farmers. Tekale K.U., Veer D.K & Kadam Santosh D. (2017) discussed on the annual growth and distribution of documents , year wise citation analysis of documents published by faculty of Vasantao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani . Veer Chaitanya , Veer D. K. & Khiste Gajanan P.(2018) discusses the “Big Data” as reflected in Scopus for the period from 2012–2016 and investigates the highly productive authors, document types and h-index. The result indicates that there were total 9191 documents with 54129 citations on Big Data during 2012 to 2016. Veer D.K. & Khiste G.P.(2017) explained about the published documents and its citation from Agricultural Universities in Maharashtra during the period from 2004 to 2016 by Indian Citation Index (ICI) database. Veer D.K. & Khiste Gajanan P. (2017) discusses the “Digital Library” as reflected in Scopus for the period from 1995–2016. Veer D.K. & Khiste Gajanan P. (2018) discusses the Information Literacy as reflected in Web of Science for the period from 1989–2016. Veer D.K., Khiste Gajanan P. & Deshmukh Rahul (2018) explained the term Information Literacy as reflected in SCOPUS during the period during 2007 to 2016.

7. Productive Authors:

The author has analysed the data related to productive authors and it is presented in the Table No.

1.

Table No.1

Top 5 Authors which wrote highest articles on the ‘Public Library’

Sr. No.	Author Name	No. of articles	Rank
1	Paul T Jaeger	19	1
2	John Carlo Bertot	17	2
3	Bundy,Alan	13	3
4	Clifford Ibarrod	8	4
5	Pertti Vakkari	8	4
6	Mary Grace Flaherty	7	5

Table No.1 depicts highly productive authors. It is observed that Paul T Jaeger rank first who has contributed a maximum number of 19 articles, followed John Carlo Bertot with 17 articles & on 5th rank the Mary Grace Flaherty with 5 articles published.

8. Geographical Distribution:

The data related to Public Library articles has been analysed by top ten countries and presented it in the Table No. 2.

Table No.2

Public Library: Top Ten Country wise Analysis

Sr. No.	Country	Articles	Rank
1	United Kingdom	572	1
2	United States of America	556	2
3	India	128	3
4	Germany	91	4
5	Netherlands	78	5

6	Canada	64	6
7	Australia	55	7
8	Brazil	40	8
9	Georgia	23	9
10	Denmark	20	10

Table No.2 depicts the geographical distribution of authors. Among 1814 articles, United Kingdom tops the list with 572 articles, followed by United States of America with 556 articles to its credit and Denmark published 20 articles with rank tenth positions.

9. Chronological Analysis:

The author has analysed the data related to Public Library based publications chronologically during 2008 to 2017 presented in the Table No. 3.

Table No.3

Year wise Articles published in J-Gate on Public Library

Sr. No.	Publication Year	Articles	Percentage
1	2017	86	4.74
2	2016	177	9.76
3	2015	213	11.74
4	2014	245	13.51
5	2013	203	11.19
6	2012	214	11.8
7	2011	198	10.92
8	2010	159	8.76
9	2009	159	8.76
10	2008	160	8.82
	Total=	1814	100

Table No.3 shows that year-wise distribution of Articles. The highest number of articles was published in the year 2014 i.e., 245 (13.51%) and the next one with 214 (11.8%) articles was published in the year 2012 & lowest number of article 86 (4.74%) was published in the year 2017.

10. Research area wise Analysis:

The author has analyzed the compiled data of top -10 different types of Research Areas and presented it in the Table No. 4.

Table No.4

Analysis of Public Library Articles by Top -10 Research area wise

Sr. no.	Research area	Articles	Rank
1	Librarianship And Libraries	639	1
2	Information Sources, Services And Retrieval	377	2
3	Digital Libraries	203	3
4	Library Management	152	4
5	Education & Careers	114	5
6	Information Science And Systems	92	6
7	Sociology	66	7
8	Archives & Preservation	65	8
9	Library Networks	58	9
10	Philosophy	55	10

Table No. 4 presents the Research Area wise categorization of the articles retrieved. Research Area wise analysis indicates that maximum number of contributions was in the area of Librarianship and Libraries i.e. 639 and on 10th rank in the area of Philosophy published 55 articles.

11. Highest ranking Journals:

The highest Ranking Journals in which documents the highest number of articles has been published on the term “Public Library”. The related information is being presented in the Table No.5.

Table No. 5
Highest ranking Journals

Sr. No.	Highest Ranking Journals	Articles	Rank
1	Public Library Quarterly	107	1
2	Australasian Public Libraries And Information Services	59	2
3	Australian Library Journal	56	3
4	Public Libraries	45	4
5	Journal of Librarianship And Information Science	43	5
6	Library Quarterly: Information, Community, Policy	38	6
7	InCite	35	7
8	Library Management	34	8
9	Library And Information Science Research	34	8
10	Evidence Based Library And Information Practice	31	9
11	New Library World	30	10

Table No. 5 indicates that highest ranking Journals in which articles was published; Public Library Quarterly ranks first with 107 articles to its credit, followed by Australasian Public Libraries And Information Services ranking on second with 59 articles. New Library World is on tenth rank with 30 articles.

12. Publication Access Type

Publication access type means type of category of articles whether articles are available Full Text or Non-Full Text through J-Gate Database is defined in Table No.6

Table No. 6

Public Library Articles Access Type

Sr. No.	Access Type	Articles	Percentage
1	Full Text Access	1042	57.44
2	Non-Full Text	772	42.56
	Total =	1814	100

Table No.6 shows that among total 1814 articles 1042 (57.44%) articles are full text and 772 (42.56%) articles are Non-Full text.

13. Major Findings

- Among 1814 articles, United Kingdom tops the list with 572 articles, followed by United States of America with 556 articles to its credit and Denmark published 20 articles with rank tenth positions. Paul T Jaeger rank first who has contributed a maximum number of 19 articles & on 5th rank the Mary Grace Flaherty with 5 articles published.
- Highest number of articles was published in the year 2014 i.e., 245 (13.51%) and lowest number of article 86 (4.74%) was published in the year 2017.
- Research Area wise analysis indicates that maximum number of contributions was in the area of Librarianship and Libraries i.e. 639 and on 10th rank in the area of Philosophy published 55 articles.
- Among total 1814 articles 1042 (57.44%) articles are full text and 772 (42.56%) articles are Non-Full text.

References

1. <https://www.inflibnet.ac.in/ess/eres.php?memID=68> / accessed on dated 30/12/2017
2. <https://jgateplus.com/search/> accessed on dated 28/1/2018

3. Kale Vilas A., Deshmukh Rahul K. & Khiste Gajanan P. (2017) A Bibliometric Survey of the Literature Published by Web of Science on ‘Consortia’ From 1989-2016. New Man International Journal of Multidisciplinary Studies, 4(10), 75-82.
4. Khanna, J.K. (1997) Library and Society, Kurukshetra: Research Publication, P.32.
5. Khiste G.P.(2016) Financial Management of public Library, LAP Lambert Academic Publishing.
6. Khiste G.P. (2017) Publication Productivity of ‘Consortia’ by Scopus during 1989-2016, International Journal of Current Innovation Research, 3(11), 879-882.
7. Khiste G.P. (2018) Analysis of Publication Productivity of ‘Total Quality Management’ by J- gate database, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 3(1), 538-544.
8. Khiste G.P. & Amanullah Amir (2017) discusses the “Knowledge Management” as reflected in Web of Science for the period from 2007–2016.
9. Khiste G.P., Deshmukh R.K.& Kale V.A. (2017) Mapping of Literature on Bibliometric by J-Gate Database, In Re-Envisaging Knowledge Resource Centers: Roles and Responsibilities, New Delhi: Ess Ess Pub, 391-402.
10. Khiste G.P., Maske D.B.& Deshmukh R.K. (2018) Knowledge Management Output in Scopus during 2007 to 2016, Asian Journal of Research in Social Sciences and Humanities,8(1),10-19.
11. Khiste G.P.& Paithankar R.R.(2017) Analysis of Bibliometric term in Scopus, International Journal of Library Science and Information Management (IJLSIM),3 (3) July-September, Pp.81-88.
12. Khiste G.P.& Paithankar R.R.(2017) Analysis of Bibliometric term in Web of Science, Printing Area32(1), 78-83.