

SCIENTOMETRIC ANALYSIS OF IFLA JOURNALS: 2012-2016

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Abstract: - 139 research from 2012 to 2016 in IFLA Journal analyses. This is a scientometric study and the study is about the methodology of Analysis of papers in IFLA Journals, Length of Papers, Authorship Pattern, Subject Distribution of Papers, Prolific Contributors, Subject Distribution of Papers etc. Scientrometric is a process of extreme details of a journal. This study unfold total information from 2012 to 2016. 139 papers are published from the volume 38 to 42 & one author patter is more than 2 or three author & Total 176 institutes are contributed & two institutes are contribute their papers 6 times .Author frequency is 3 then 2 and 1.

Keywords: Scientometric study, IFLA Journals, Library & Information science, Bibliometric study, regional centre

Introduction: Scientometric is about the matter of measurement. It's a measurement of impact, citation, reference. There are a very much similarity between scientometric and bibliometric study. Scientometric is based on E. Garfield and Derek J. de Solla Price's work in the past. Bibliometric study is about the analysis of research publications and it was about analysis of the published this is a scientometric study about IFLA Journal from 2012 to 2016.

IFLA Journal studies: IFLA Journal is a leading quality journal and its based on original works of the authors, researchers and professionals. It is an international peer reviewed journal. It is based on social, political and economic issues of Library &

Information science. It is an open access journal. The journal was founded at 30th september, 1927. It has more than 14,00 members in over 140 countries all over India. The president of this Leading journal is Gloria Pérez-Salmerón. Africa, Asia and Oceania, Latin America and the Caribbean has one regional centre there.

Objectives: The main objectives of this study is following:

1. 5 year wise distribution of the paper;
2. Length of papers;
3. How many graphs, tables were used;
4. Individual contribution of the authors;
5. Subject wise distribution;
6. Location of the paper;

Methodology: In this study, 5 years of IFLA Journals from 2012-2016 analyses for this scientometric study. From volume number 38 to 42, total 139 articles has been studied.

Analysis of the Data

i) Analysis of papers in IFLA Journals

The following table shows that in the 5 years of 2012-2015, there are 139 papers were published. The minimum number of research paper were published in the year of 2014 & 2015 and minimum number of papers were published in the year of 2012 which is 17.26%.

Sl.N O	YEA R /VO L.	1-3	4-6	7-9	10-12	13-15	15&Above	TOTAL	%
1	2012/ 38	01	04	06	07	03	03	24	17.2
2	2013/ 39	00	03	09	07	04	04	27	19.4
3	2014/ 40	01	09	12	05	05	00	32	23.02
4	2015/ 41	00	01	11	10	08	00	30	21.5
5	2016/ 42	00	03	07	08	04	04	26	18.7
TOTAL		2 (1.4 %)	20 (14.3%)	45 (32.3%)	37 (26.6%)	24 (17.2%)	11 (7.9%)	139	100

iii) Use of Tables, Graphs etc

The following table shows that there are tables, graphs and photographs in these research papers. Total 634 table, graphs and photographs are there. In 2015, maximum number of table, graphs and photographs are there. From 2012 to 2016 total 292 tables, 195 photographs and 147 graphs has been used in these article.

Sl.NO.	YEAR/VOL.	TABLE	Photograph/Diagram	Graph	Total	(n=634)
1.	2012/38	67	46	22	135	21.29
2.	2013/39	45	38	46	129	20.34
3.	2014/40	51	53	15	119	18.76
4.	2015/41	81	16	39	136	21.45
5.	2016/42	48	42	25	115	18.13
		292	195	147	634	100

iv) Authorship Pattern

The following table shows that 50.35% single author,31.65% two author,10.07% three author,5.03% four author and 2.87% five and above.

O.	ME	AUTH OR	AUTH OR	E AUTH OR	AUTH OR	and above	AL	
1	2012/38	10	11	01	01	01	24	21.29
2	2013/39	13	08	01	03	01	26	20.34
3	2014/40	19	05	06	01	00	31	18.76
4	2015/41	13	12	04	02	01	32	21.45
5	2016/42	15	08	02	00	01	26	18.13
		70(50.35%)	44(31.65%)	14(10.07%)	07(5.03% %)	04(2.87%)	139	100

) Prolific Contributors

The frequency of authors work was maximum 3. Most of the authors were published their research work one time and then from 2012 to 2016, 8 authors were contributed their work twice and Andrew K. Shenton & Toby Pearlstein contributed 3 times.

Sr. No.	Author	Frequency	% (N=242)
1.	Andrew K. Shenton	03	1.23
2.	Toby Pearlstein	03	1.23
3.	Ana Margarida Ramos	02	0.82
4.	Md. Shariful Islam	02	0.82
5.	Taghreed Alqudsi-ghabra	02	0.82
6.	Ellen Ndeshi Namhila	02	0.82
7.	Md. Anwarul Islam	02	0.82
8.	Guy Berthiaume	02	0.82
9.	James M. Matarazzo	02	0.82
10.	Abbas Mohamed Omar	02	0.82

vi) Subject Distribution of Papers

The following are the subject distribution of IFLA Journals from 2012-2016:

Sr. No.	Major Subjects	2012	2013	2014	2015	2016	Total
1.	library development	1	1	1			3
2.	review	1		2	2	1	6
3.	Information need & information seeking Behavior	2		1			3
4.	digital preservation	1			3	1	5
5.	public library service	2	1		2		5
6.	academic library		2		3	1	6
7.	state of the art report	1	1		1		3
8.	Methodological research		1				1
11.	case study		4	2	3		9
12.	analytic study				1		1
13.	survey				1		1
14.	comparative study		1		1	1	3
15.	indexing and retrieval			1			1
16.	library overview		1	1	1		3
17.	Qualitative analysis			1		1	2
18.	Descriptive analysis					1	1
19.	project report			1		1	2
20.	Behavioral framework					1	1
21.	Phenomenological study			1			1
22.	statistical study				1	1	2
	Other	16	14	21	12	15	78
24.	Explanatory investigation					2	2
	total	24	26	32	31	26	139

vii) Location of papers

Total 176 institutions, national and international contributed these five years. University of the West Indies & University of Missouri six times, Bain and Company Inc.(USA), University of Dhaka, Griffith University, Gold Coast Camous, Australia, Simmons college, Boston and university of Cape Town, South Africa five times, University of Illinois at Chicago and Victoria University four times and eight institutions three times, 17 institutions two times and rest of the institute one time contribute their work.

Sr. No.	Affiliated /Universities, College, Research Institute.	Total
1.	University of the West Indies	6
2.	University of Missouri, USA	6
3.	Bain & Company Inc. (Retired), USA	5
4.	University of Dhaka	5
5.	Griffith University, Gold Coast Campus, Australia	5
	Simmons College, Boston	5
6.	University of Cape Town, South Africa	5
7.	University of Illinois at Chicago	4
8.	Victoria University	4
9.	University of California, Santa Cruz	3
10.	Long Island University(new york)	3
11.	The American University in Cairo	3
12.	University of North Carolina, Charlotte	3
13.	Zanzibar University	3
14.	Japan Advanced Institute of Science and Technology (JAIST)	3
15.	IFLA, The Netherlands	3
16.	Lund University, Sweden	3
17.	Charles Sturt University Wagga Wagga	2
18.	. Japan Advanced Institute of Science & Technology	2
19.	. University of Amsterdam	2
20.	. Aga Khan University	2
21.	University of Namibia	2
22.	University of Tennessee	2

23.	German National Library of Science and Technology	2
24.	University of Constantine 2 - Abdelhamid Mehri, Algeria	2
25.	University of South Carolina Lancaster	2
26.	University of Colorado Denver, USA	2
27.	OCLC, USA	2
28.	Regional Department for Scientific and Technical Information Training, Brittany and Pays de la Loire In collaboration with(France)	2
29.	Library and Archives Canada, Gatineau, Canada	2
30.	ETH-Bibliothek, ETH Zu`rich, Switzerland	2
31.	Bibliothe`que et Archives nationales du Que`bec	2
32.	Syracuse University, USA	2
33.	Indiana University-Purdue University Indianapolis, USA	2

Conclusion: IFLA Journal is a leading journal for research in Library & Information Science. Day by day the research of this journal is increasing. It is an open access journal, so very researcher should access for the journals. So it save the money of the researchers. This study is a thoroughly scientometric study for the year of 2012 to 2016. So this study definitely helpful for the authors or researchers a lot.

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