

## **A Study of Medical Library Association Journal**

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**Abstract:**

Analysis of information or data is one of the important part of any study. Data analysis is doing for the purpose of huge volume of data is reduced into meaning full case report. Analysis of total 1694 citations articles in the journal during 2014 to 2017. The was done by using various parameters like to identify the car e journals, to rank of cited journal, to rank of cited author to find out geographical distribution of citations to find out the types of cited document, to find out of the total citation of the average in the journals. The data or information was presented in the form of table and graphs to show the result prominently and easily.

**Keyword:** Journal of Medical Library Association, Scientometric Analysis, Etc.

**Information:-**

A Scientometric analysis: Journal of Medical Library Association online. Scientometric analysis is a branch of Bibliometric. It is an important research tools for understanding of the subject it aims at measuring the utility of documents and relationship between documents and fields. Journal of Medical Library Association Online is halfly published in the year. Editor-in-Chief of the journal is Thomas Longas. in 1936. ISSN:1536-5050(Online).The Present study is based on 4 Volumes, 16 issues of Journal of Medical Library Association Online during 2014-2017.

**Objectives of the studies**

The main objective of the present studies issue follows -

- 1) To find out distribution of contributions (volume wise).
- 2) To find out authorship Pattern of contributions
- 3) To find out authorship Pattern of contributions (ISSUE wise)
- 4) To find out contribution (Institution –wise)
- 5) To find out the geographical distribution of contribution international level is show.
- 6) To find out average citation per contribution in each volume
- 7) Average page (per volume and per contribution) contribution

### **Distribution of contributions (volume wise) .**

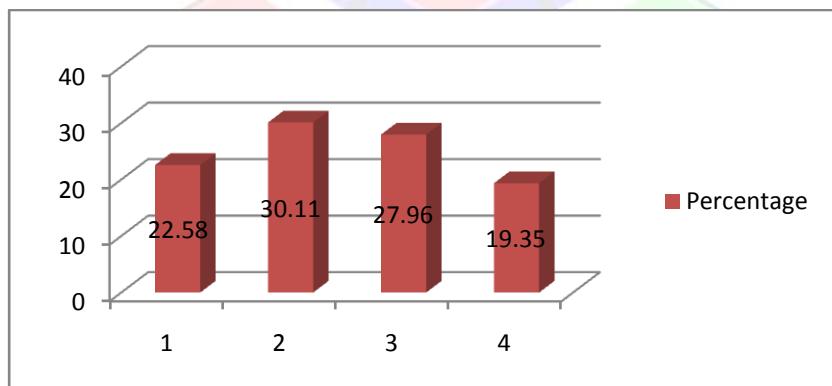
The distribution of contributions is shown in table No.1

**Table No.1.Distribution of Contributions**

<b>Distribution of Contribution's (Volume-Wise)</b>				
<b>Year</b>	<b>Volume No.</b>	<b>No. of Issue</b>	<b>No. of Contribution</b>	<b>Percentage</b>
2017	104	4	21	22.58
2016	103	4	28	30.11
2015	102	4	26	27.96
2014	101	4	18	19.35
<b>Total</b>		<b>16</b>	<b>93</b>	<b>100.00</b>

Table No.1 & Figure No.1 depicts the details regarding the number of Articles published during 2014-2017 which was 93 and the year wise analysis of the contribution shows that average number of per year contribution is maximum i.e. 28 (30.11%) in the year 2016.

**Figure no. 1 Distribution of Contributions**



### **Authorship Pattern of Contributions**

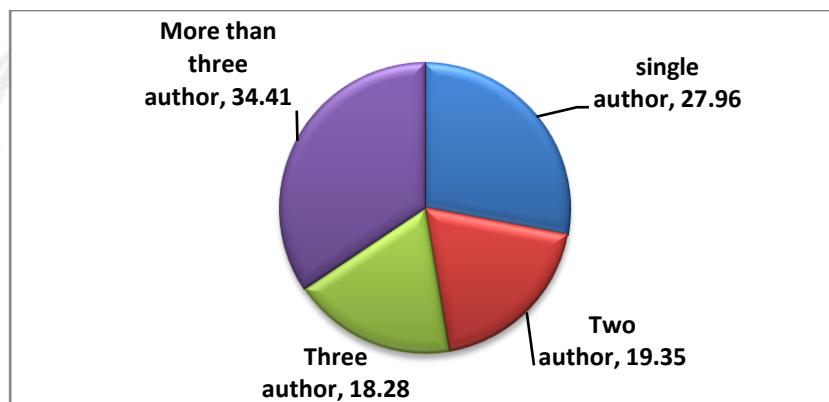
The authorship pattern of contributions is for shown in Table No.2.

**Table No.2 Authorship Pattern of Contribution**

<b>Authorship Pattern of Contribution's</b>			
<b>No. of Author</b>	<b>No. of Contribution</b>	<b>No. of Authorship</b>	<b>Percentage</b>
<b>Single Author</b>	<b>26</b>	<b>26</b>	<b>27.96</b>
<b>Two Authors</b>	<b>18</b>	<b>36</b>	<b>19.35</b>
<b>Three Authors</b>	<b>17</b>	<b>51</b>	<b>18.28</b>
<b>More than Three Authors</b>	<b>32</b>	<b>178</b>	<b>34.41</b>
<b>Total</b>	<b>93</b>	<b>291</b>	<b>100.00</b>

Table No. 2 & Figure No. 2 Indicates that the details about the authorship pattern 32 articles (34.41%) out of 93 articles have been contributed by More than author which is followed by Single Authors 26 (27.96%), 18 articles (19.35%) by two authors and 17 articles(18.28%) by three authors. Where **“Hypothesis No. 1 is valid not “Majority of the contributions are contributed by More than three Author”.**

**Figure No.2Authorship Pattern of Contribution**



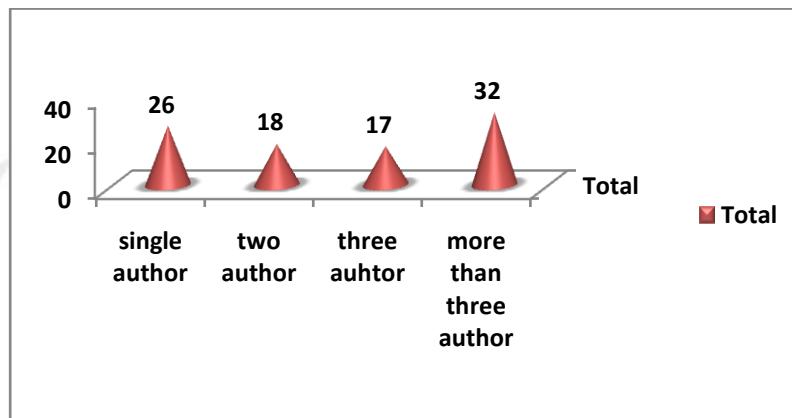
#### Authorship pattern of Contribution (ISSUE wise)

Table No.3 Authorship of contribution (ISSUE wise)

Authorship Pattern of Contribution's (Volume-Wise)					
Volume No.	Single Author	Two Authors	Three Authors	More than Three Authors	Total Article
104	6	2	4	9	21
103	6	9	3	10	28
102	6	5	7	8	26
101	8	2	3	5	18
<b>Total</b>	<b>26</b>	<b>18</b>	<b>17</b>	<b>32</b>	<b>93</b>

Table No.3 and Fig No. 3 Shows the authorship pattern of contributions volume-wise regarding contributions by a single author records the highest contributions (32), However the more than author contributions, (26) shows the single author contributions (18), the two author contributions (17), reflects the maximum percentage.

**Figure No.3 Authorship Pattern of Contribution (ISSUE-wise)**



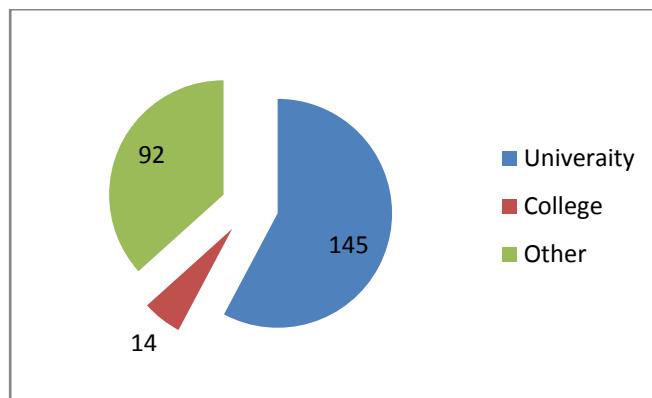
#### Contribution (Institution-wise)

Contribution is displayed in the table no.4.

Contribution's (Institution-Wise)					
Volume No.	Year	University	College	Other	Total
104	2017	40	6	32	78
103	2016	49	1	35	85
102	2015	63	5	14	82
101	2014	33	2	11	46
<b>Total</b>		<b>185</b>	<b>14</b>	<b>92</b>	<b>291</b>

Table No.4 depicts the geographical distribution of contributions, University wise at the national level followed by colleges. It is inferred from the above table that university-wise contribution maximum is 185 contributions were 14 contribution and College contributions. **Hypothesis No.2 is valid hence i.e. “maximum number of contribution is at university level”.**

**Figure no. 4 Institution wise contribution**



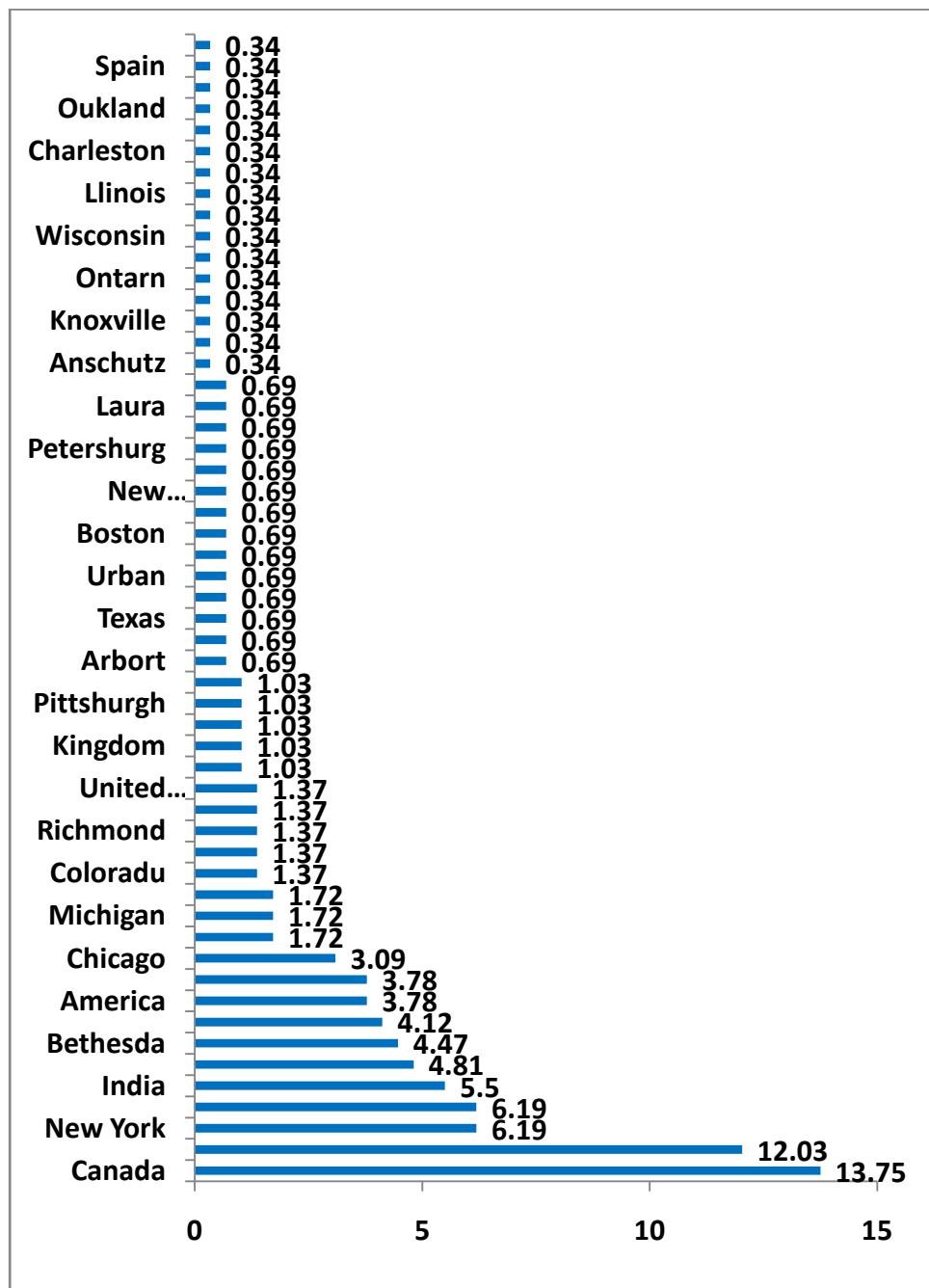
**The Geographical distribution of contribution International level**

Geographical Distribution of Contribution's At International Level			
Sr. No.	Name of Country	No. of Contribution	Percentage
1	Canada	40	13.75
2	USA	35	12.03
3	New York	18	6.19
4	Washington	18	6.19
5	India	16	5.50
6	Utah	14	4.81
7	Bethesda	13	4.47
8	MAXICO	12	4.12
9	America	11	3.78
10	Louisiana state	11	3.78
11	Chicago	9	3.09
12	Mary land	5	1.72
13	Michigan	5	1.72
14	California	5	1.72
15	Coloradu	4	1.37
16	Kentucky	4	1.37
17	Richmond	4	1.37
18	Port land	4	1.37
19	United states	4	1.37
20	Curolina	3	1.03
21	Kingdom	3	1.03
22	Honolulu	3	1.03
23	Pittsburgh	3	1.03
24	Netherlands	3	1.03

<b>25</b>	Arbort	2	0.69
<b>26</b>	Boulevard	2	0.69
<b>27</b>	Texas	2	0.69
<b>28</b>	Italy	2	0.69
<b>29</b>	Urban	2	0.69
<b>30</b>	North carolina	2	0.69
<b>31</b>	Boston	2	0.69
<b>32</b>	Nashville	2	0.69
<b>33</b>	New orieans	2	0.69
<b>34</b>	Rockford	2	0.69
<b>35</b>	Petershurg	2	0.69
<b>36</b>	Buolington	2	0.69
<b>37</b>	Laura	2	0.69
<b>38</b>	Stahford	2	0.69
<b>39</b>	Anschutz	1	0.34
<b>40</b>	Alerta	1	0.34
<b>41</b>	Knoxville	1	0.34
<b>42</b>	Florido	1	0.34
<b>43</b>	Ontarn	1	0.34
<b>44</b>	Alabama	1	0.34
<b>45</b>	Wisconsin	1	0.34
<b>46</b>	Claiborne	1	0.34
<b>47</b>	Llinois	1	0.34
<b>48</b>	Manchester	1	0.34
<b>49</b>	Charleston	1	0.34
<b>50</b>	Doha	1	0.34
<b>51</b>	Oukland	1	0.34
<b>52</b>	Jajalla	1	0.34
<b>53</b>	Spain	1	0.34
<b>54</b>	Srilanka	1	0.34
<b>Total</b>		<b>291</b>	100.00

Table No.5 shows the geographical distributions of contributions at International level Canada is Maximum percentage 40 (13.75%), and minimum Percentage of 16 in Srilanka (0.34).

**Figure no. 5 Geographical  
Distribution of contribution in International level**



#### **Average Citation per contribution in each volume**

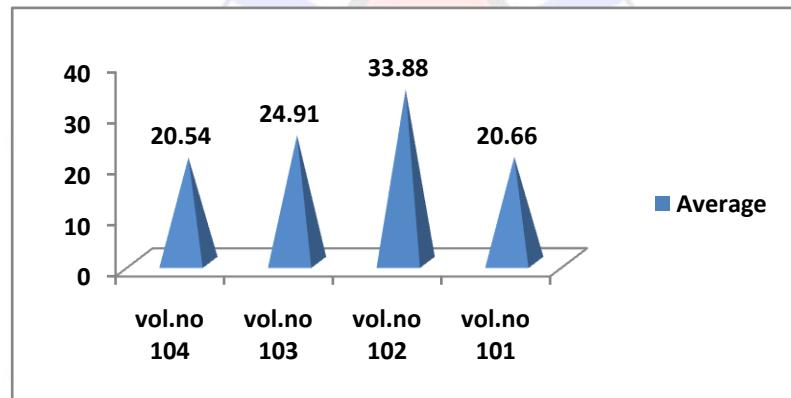
The average citation per contribution in each volume in showed in

**Table No.6Average Citation per contribution in each volume (ISSUE wise)**

Average Citation Per Contribution In Each Volume			
Volume No.	No. of Contribution	No. of Citation	Average
104	21	348	20.54
103	28	422	24.91
102	26	574	33.88
101	18	350	20.66
<b>Total</b>	<b>93</b>	<b>1694</b>	<b>100.00</b>

It can be observed for average citation per contribution in each volume. Volume No. 102 (574 (33.88%) contributed 26 contribution of which highest numbers of citation appeared in vol. No.102.348. (20.54%) contributed 21 contribution of which minimum number of citation appeared.

**Figure no. 6 Average Citation per contribution in each volume**



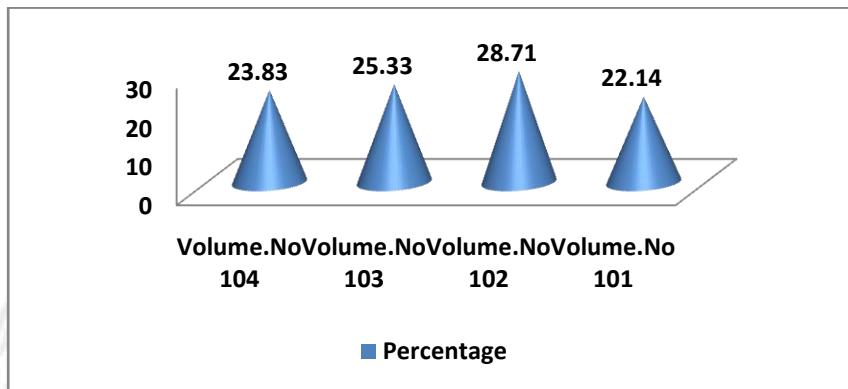
#### Average Page (per volume and per contribution) contribution

**Table No.7 Average Page (per volume and per contribution) contribution**

Average Pages (Per Volume & Per Contribution)			
Volume No.	No. of Contribution	Total Pages	Average
104	21	127	23.83
103	28	135	25.33
102	26	153	28.71
101	18	118	22.14
<b>Total</b>	<b>93</b>	<b>533</b>	<b>100.00</b>

It can be observed for the pages of contribution in each volume. Volume No. 102 (153(28.71%) contributed 26 contribution of which highest numbers of pages appeared in vol. No.102 (28.71%) contributed 26 contribution of which minimum number of pages appeared.

**Figure No.7Average Page (per volume and per contribution) contribution**



### **Conclusion:**

Bibliometrics is a relatively new subject of information. It helps to evaluate information centers by the quantitative analysis of information. It deals with the mathematical and statistical analysis. Journal of Medical Library Association Online is half yearly published in the year. Editor-in-Chief of the journal is Thomas Longas. in 1936. ISSN:1536-5050(Online). A Scientometric analysis is the technique these online downloaded journals are presented in a manner corresponding to objectives of the study.

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