

Journal of Cell Science Therapy: A Scientometric Analysis

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Abstract:

Scientometric is the science of method scientific output similar to bibliometrics used by librarians and information scientist. (Agrawal, Aruna, 1982); application of mathematical and statistical methods of scientific literature (Derek de solla, 2000); this enables to evaluate the size of scientific production on the assumption that the essence of scientific activity is the assumption the production of knowledge (Eugene Garfield, 2002); to identify national an internationals networks and to map the development of new fields of science and technology, as well as to know the inner logic of science development (Yadav Jaisi Ram, 1984); currently prepares and international methodological manual that will content guidelines for creating, applying and interpreting the indices based on bibliometric data (Eva Rodenas, 2001); it is a scientific subject that analyzes and compare scientific and technological information often in graphical forms using mathematical methods using statistics and data analysis (Miguel de La, 1969).

Keyword: Cell Science, Therapy, Scientometric, Statistical Analysis, etc

Information:-

A Scientometric analysis: Journal of Cell Science Therapy 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 Cell Science Therapy is by quarterly published six times in the year. It was founded by Prof. James J. Driscoll, Jason Burris and Christina M. Annunziata 2010 in USA. ISSN: 2157-7013. The Present study is based on 5 Volumes, 28 issues of Journal of Cell Science Therapy during 2014-2018

Objectives of the studies

The main objective of the present studies issue follows -

- 1) To Find Distribution of contributions (volume wise).
- 2) To Find Authorship Pattern of Contributions
- 3) To Find Authorship Pattern of Contributions (ISSUE wise)
- 4) To Find Contribution (Institution –wise)
- 5) To Find The Geographical distribution of contribution International level is show.
- 6) To Find Average Citation per contribution in each volume
- 7) Average Page (per volume and per contribution) contribution.

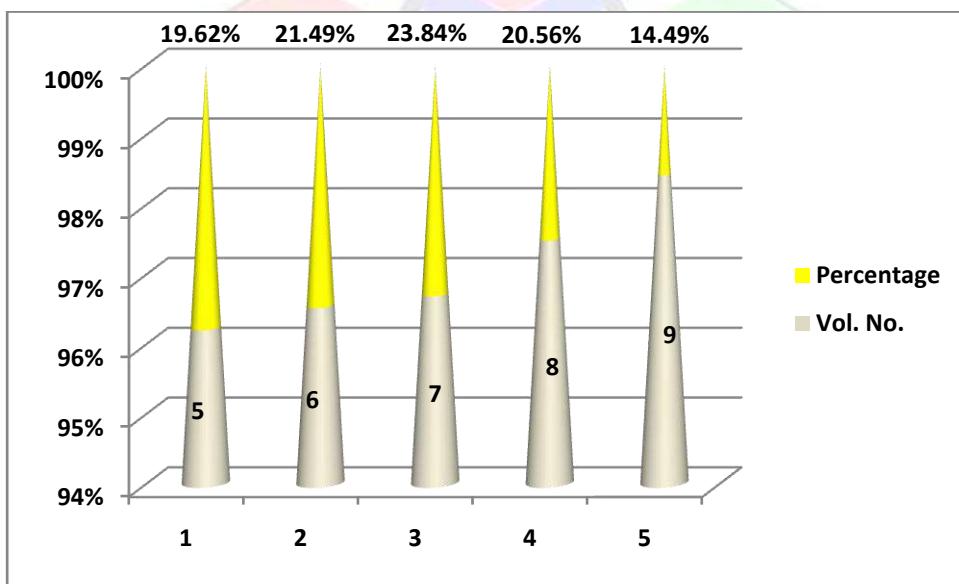
Distribution of contributions (volume wise) .

The distribution of contributions is shown in table No.1

Table No.1 Distribution of Contributions

Year	Vol. No.	No. of Issue	No. of Contribution	Percentage
2014	5	6	42	19.62%
2015	6	6	46	21.49%
2016	7	6	51	23.84%
2017	8	6	44	20.56%
2018	9	4	31	14.49%
TOTAL		28	214	100%

Figure no. 1 Distribution of Contributions.



(Source: Table No. 1)

Table No. 1 & Figure No. 1 depicts the details regarding the number of Articles published during 2014-2018 which was 214 and the year wise analysis of the contribution shows that average number of per year contribution is maximum i.e. 51 (23.84) in the year 2016.

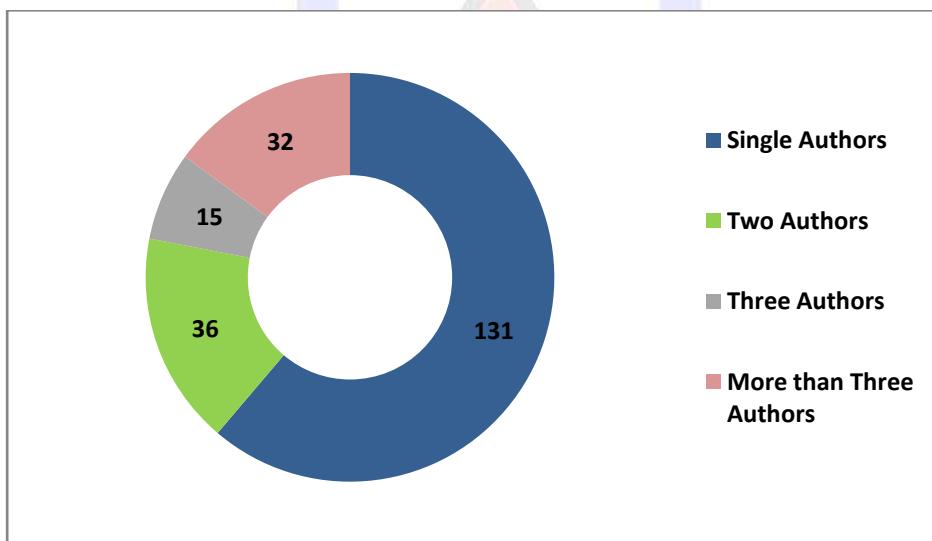
Authorship Pattern of Contributions

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

Table No.2 Authorship Pattern of Contribution

No. of Authors	No. of Contribution	Total No. of Authorship	Percentage
Single Authors	131	131	34.85%
Two Authors	36	72	19.14%
Three Authors	15	45	11.96%
More than Three Authors	32	128	34.05%
TOTAL	214	376	100.00%

Figure No.2 Authorship Pattern of Contribution



(Source: Table No. 1)

Table No. 2 & Figure No. 2 Indicates that the details about the authorship pattern 214 articles (34.85%) out of 131 articles have been contributed by Single author who is followed by more than Three Authors 32 (34.05%), 36 articles (19.14%) by two authors and 15 articles (11.96%) by three authors. Where “Hypothesis No. 1 is valid **“Majority of the contributions are contributed by Single Author”**.

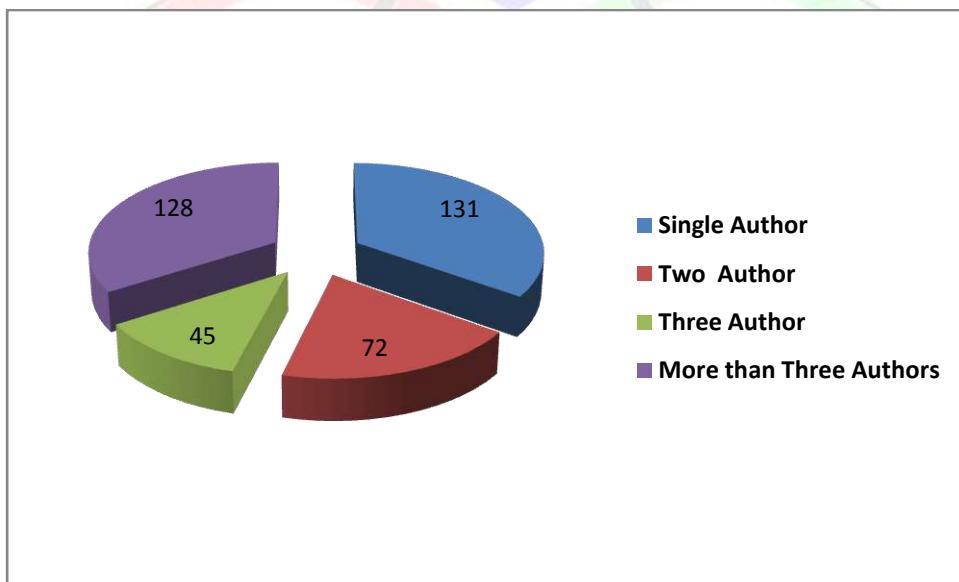
Authorship Pattern of Contributions (Volume wise)

The authorship pattern of contributions is revealed in table in 3 given below.

Table No.3 Authorship Pattern of Contribution (Volume-wise)

Vol. No	Single Author	Two Author	Three Author	More than Three Authors	Total
5	27	9	6	0	42
6	36	17	14	31	46
7	28	21	8	57	51
8	31	14	13	19	44
9	9	11	4	21	31
Total	131	72	45	128	214

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



(Source: Table No. 3)

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 (131), However the two author contributions, (72) shows the three author contributions (45), the more than three author contributions (128), reflects the maximum percentage.

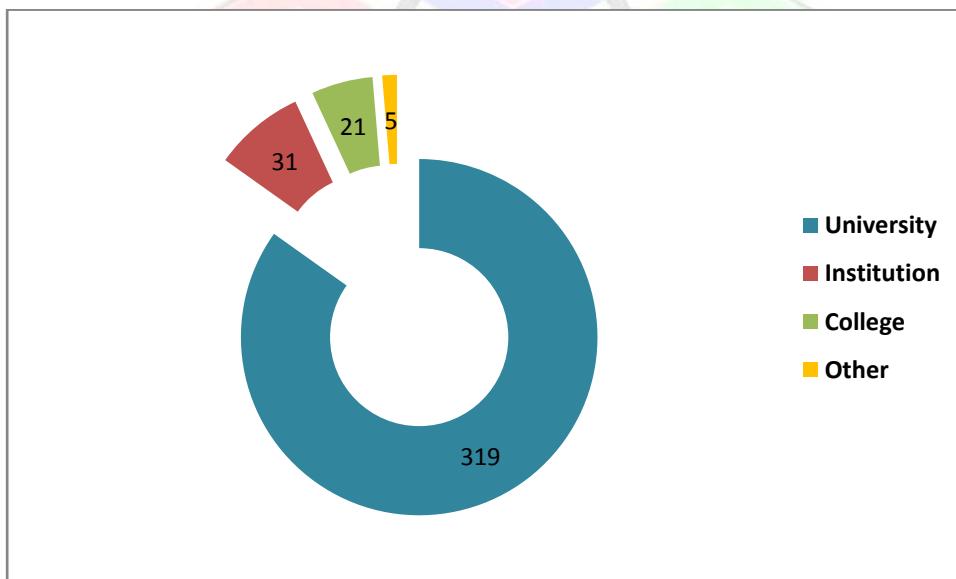
Contribution (Institution –wise)

Contribution is displayed in the table no.4.

Table No.4 Institution wise contribution

Vol. No	Year	University	Institution	College	Other	Total
5	2014	27	0	7	0	34
6	2015	41	3	9	2	55
7	2016	81	0	0	0	81
8	2017	93	13	0	1	107
9	2018	77	15	5	2	99
Total		319	31	21	5	376

Figure No. 4 Institution wise contribution



(Source: Table No.4)

Table No. 4 & Fig No. 4 depicts the geographical distribution of contributions, University wise at the national level followed by institutions and colleges. It is inferred from the above table that university – wise contribution maximum is 376 contributions were 319 contribution and College and Intuition contribution was 21 & 31 contributions & lastly others 5 contribution. **Hypothesis No.2 hence i.e. maximum number of contribution is at university level.**

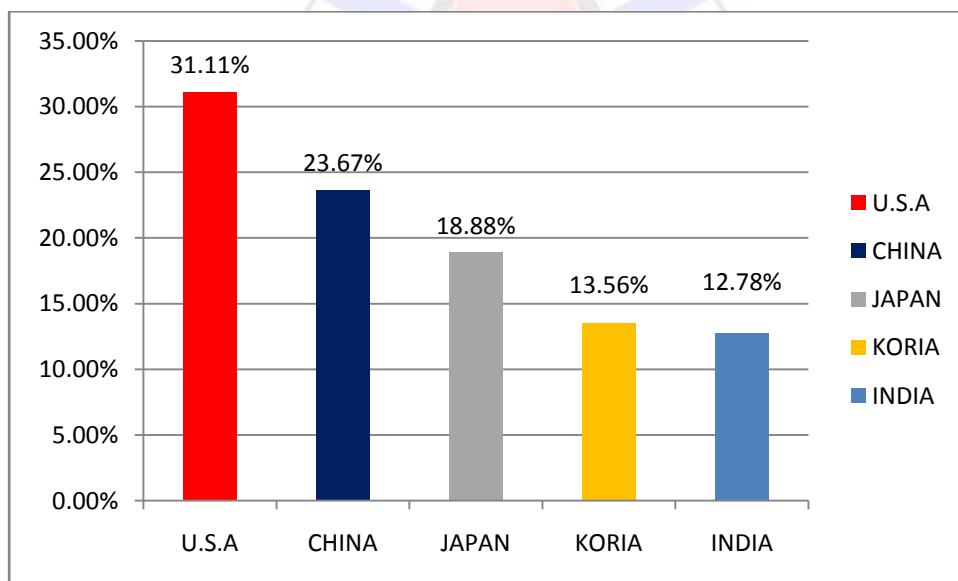
The Geographical distribution of contribution International level.

Geographical distribution of contribution International level follows as:

Table No.5 Geographical distribution of contribution in International level.

Sr. No	Name of State	No. of Contribution	Percentage
1	U.S.A	117	31.11%
2	CHINA	89	23.67%
3	JAPAN	71	18.88%
4	KORIA	51	13.56%
5	INDIA	48	12.78%
TOTAL		376	100%

Figure No. 5 Geographical distribution of contribution in International level.



(Source: Table No.5)

Table No. 5 & Fig No. 5 shows the geographical distributions of contributions at International level USA is Maximum percentage (31.11%), and minimum Percentage of INDIA is (12.78%).

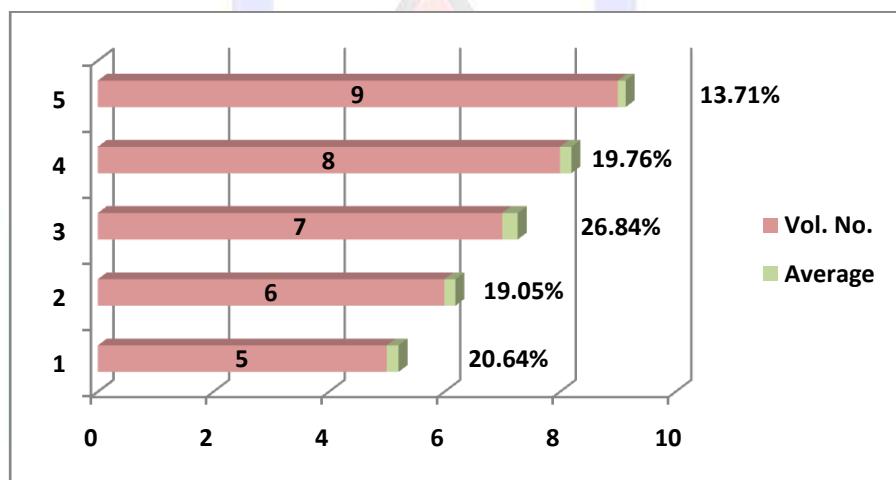
Average Citation per contribution in each volume

The average citation per contribution in each volume is shown in

Table No.6 Average Citation per contribution in each volume.

Vol. No.	No. of Contribution	No. of Citation	Average
5	42	417	20.64%
6	46	385	19.05%
7	51	542	26.84%
8	44	399	19.76%
9	31	277	13.71%
TOTAL	214	2020	100%

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



(Source: Table No.6)

Table No. 6 & Fig No.6 it can be observed for average citation per contribution in each volume. Volume No. (8) (19.76%) contributed 399 contributions of which highest numbers of citation appeared in vol. No.7 (26.84%) 542 contribution of which minimum number of citation appeared.

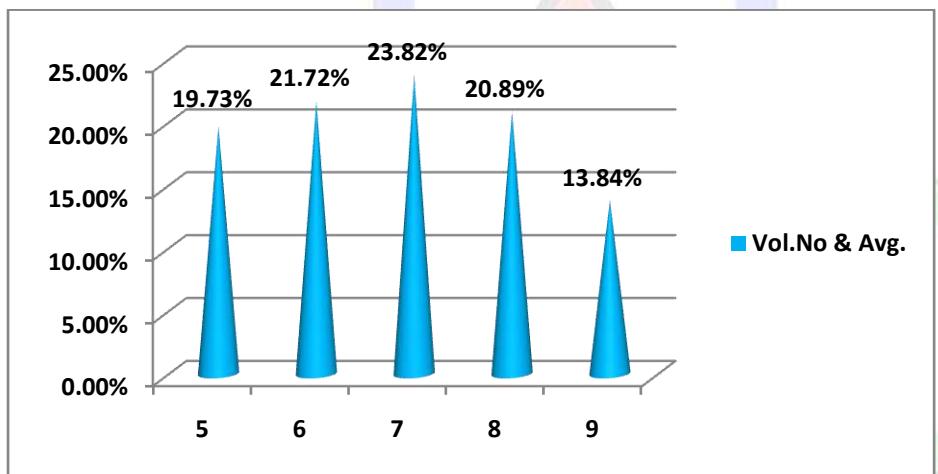
Average Page (Per volume and per contribution) contribution

Average Page (Per volume and per contribution) contribution in each volume is showed in

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

Vol. No	No. of Contribution	No. of Pages	Average
5	42	168	19.73%
6	46	185	21.72%
7	51	203	23.82%
8	44	178	20.89%
9	31	118	13.84%
Total	214	852	100%

Figure no. 7 Average Page (per volume and per contribution) contribution.



(Source: Table No.7)

Table No. 7 & Fig No.7 it can be observed for average pages per contribution in each volume. Volume no. (6) (21.72%) contributed 185 pages. contributions of which highest numbers of pages appeared in Vol. no.7 (23.82%) 203 contribution of which minimum number of citation appeared in Vol.no.9 (13.84%) 118.

Conclusion:-

Bibliometrics is relatively new subject of information. It help to evaluate information centers by the quantitative analyzed information. It deals with the mathematical and statistical analysis. Journal of Cell Science Therapy is by quarterly published six times in the year. It was founded by Prof. James J. Driscoll, Jason Burris and Christina M. Annunziata 2010 in USA. ISSN: 2157-7013. The Present study is based on 5 Volumes, 28 issues of Journal of Cell Science Therapy during 2014-2018

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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