

Citation Based Analysis for Period 2008-2017 of IJTK

Kiranjeet Kour Bali^{#1}, Dr Rajeev Vashistha^{*2}

^{#1} Ph.D. Research Scholar, ^{#2} Associate Professor
^{#1,2}NIMS University Jaipur Rajasthan.

Abstract : IJTK is the pronounced journal for publishing the various research segments papers. In our study , we analyse the various research papers published in the Journal for the citation based analysis., for this we have considered the period of 2008-2017. We will examine the citations using the references which are listed in the papers which are published in the journal in the period of 2008-2107.

IndexTerms – IJTK, Citation Analysis . Google Scholar , Scopus , Web of Science.

I. INTRODUCTION

Citation analysis is a non-meddling technique for discovering designs in explicit populaces' utilization of examination materials when one creator refers to another creator, a relationship is set up. Citation analysis utilizes citations in academic attempts to set up joins. A wide range of connections can be resolved, for example, joins between creators, academic works, diaries, fields, or even between at least two countries. Citations both from and to a specific record might be considered. Citation analysis is exceptionally valuable to discover the impact of a solitary creator on a given field by tallying the occasions the creator has been refered to by others. Citation examinations grant analysts to perceive how every now and again a work has been refered to in articles and are an important instrument for any writing survey. [1]

Consequently citations are only the bibliographical references which are for the most part included with each exploration correspondence. A record alluded in another article is known as the refered to archive, and the past the referring to report. Portrayal of the refered to article is known as a citation. It incorporates the announcement of origin, report, pagination, year of distribution, places and so on. The example of citation may change according to the kinds of distribution. The citations otherwise called references, readings and they may show up as end-notes just as commentaries. [2]

Citations are 'solidified impressions' in the sands of academic accomplishments or the 'signs' abandoned when the data is used. A reference is an affirmation that one record provides for another and a citation is an affirmation that one archive gets from another. Along these lines there is an inferred connection between the refered to record and the referring to report. This suspicion has prompted various investigations zeroing in on citation tallies, sway factor, list of sources coupling, co-citations, and citation records. [2]

1.1 Application of Citation Analysis

- Literature of studies: The citations in a specific branch of knowledge are to be concentrated to portray the example of citation.
- Type of writing contemplates: Citation analysis can be utilized to ascertain the spread of results announced in particular kinds of writing, for example, government reports, theses, or the trading of writing of territorial logical social orders.
- User examines: The use of citation analysis method is utilized to determine client's needs which are a lot of valuable for the assortment improvement and planning of library administrations.
- Historical investigations: Smith (1981) has inspected that recorded examination utilizing citation analysis depends on a scholarly model of the logical cycle. The citations can be utilized to show the sequence of occasions, connections among them, and their pertinent significance.
- Communication design: Citations may likewise show logical correspondence designs. These investigations additionally determine the sort of specialists conveyed in a field of study like single or multi analysts and so forth.
- Evaluative Bibliometrics: In these examinations, citation analysis is characterized as the assessment and translation of the citations got by articles, researchers, foundations and nations (Smith, 1981). [2]
- Information Retrieval: It is inspected that maybe, utilization of citation connection is having the more noteworthy effect of data recovery, where citations have been utilized to upgrade more conventional ways to deal with writing looking.
- Collection Development: Primarily citation analysis is applied to diary assortment advancement in a library. The citation analysis helps in choosing the titles of diaries to be procured.[2]

1.2 Citation Methods

1.2.1 Quoting

- Quotations must be indistinguishable from the first, utilizing a little part of the source. Statements coordinate the source archive in exactly the same words and should be credited to the first creator. While citing, the applicable page number(s) must be given. [3]
- If under 40 words, citations ought to be fused into the content of your article or task and encased inside quotes. Utilize a solitary quote to demonstrate recently cited material inside your citation:
- If data is forgotten about, three spots ... must be utilized to show where the missing data goes. [4]

1.2.2 Rewording and Summarizing

- Both rewording and summing up include placing data from source material into your own words.
- When rewording, don't include your own sentiment or utilize the first wording. The motivation behind rewording is to communicate the thoughts of others in your own words (for example your stating). Summarized material might be shorter than the first entry, taking a bigger part of the source and consolidating it marginally. While rewording, you should refer to the first source. Page numbers ought to be given, to help with finding the pertinent entries inside the source material, except if you are alluding to the thoughts of an entire work when all is said in done (see model beneath).[4]

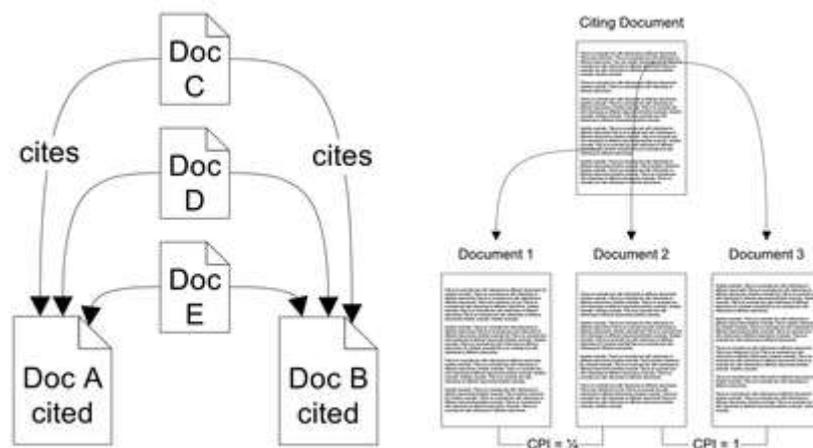


Fig 1. Citation Analysis

II. LITERATURE REVIEW

Dr. K.Kumar, T.Ragunadha Reddy, 2017, contemplates Citations in Master's capability works submitted to the Department of Library and Information Science, Sri Venkateswara University, Tirupathi during the period 2000 - 2007, were dismembered for finding expected associations between referring to, referring to articles and bibliographic structures. Repeat and rate courses (presented in blueprints, tables and diagrams) and extents of central tendency were used to separate data. Revelations exhibited that diaries were the most utilized reference materials in the works. In like manner, library science when everything is said in done had the most significant number of citations sought after by library the heads and recording. The most insignificant amounts of citations were from preparing, composing and humanistic systems separately. The disclosures from this assessment could fill in as a customer consider with recommendations for social event, progression and customer organizations organizing in libraries.

H. Özen, 2018, of late bibliometric considers has been logically getting noteworthiness. It is basic to make subject based bibliometric assessment to demonstrate need of diaries and subject fields inside request. The examination investigates IS (Information Science) subject field. 73 IS diaries and 4 quality pointers, got from JCR (Journal Citation Report) and SCOPUS were surveyed and subject based worth/position of these diaries have been bankrupt down. Subject analysis model was proposed and the model reliant on data eliminated from diaries. K-mean pack analysis has been finished for subject fields of IS diaries obtained from LC (Library of Congress) Classification System. The examination yields results stressed over interdisciplinary structure of IS discipline by portraying full scale assessment of subject fields and their circumstance inside the request.

Satish Muppidi, Dr. K. Thammi Reddy, 2018 explains that Citation analysis holds a basic part in describing the estimation of the maker, association just as school, and diary. A reference is the attestation that one file accommodates another. A citation is the certification that one record gets from another; It is a sensible reference in an assessment substance to another maker's appropriated content. This one is the bit of bibliometrics that arrangements by the analysis examination of its affiliations. Citation analysis considering citation think about well as thoughtful analysis, and the comments or tweets about the article. In this paper we are presenting the challenges in citation analysis.

III. RESEARCH ANALYSIS

The citation investigation of the diary articles are introduced in table 5.8 and the most extreme number of articles of will be of containing citations for 11 to 20 , in year 2017 , and are 59. Followed by 56 articles of same classification in year 2011.

Table 1 Citation Study

Nos of Citations	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total	Percentage
1 to 10	6	5	8	10	11	5	9	5	3	8	70	6.3006301
11 to 20	30	27	35	40	56	51	41	44	51	59	434	39.063906
21 to 30	50	46	43	40	35	40	40	48	46	37	425	38.253825
31 to 40	10	18	28	20	3	6	4	1	2	9	101	9.0909091
41 to 50	10	15	18	3	1		2	1		5	55	4.950495
51 to 60	14	4	5	1							24	2.160216
61 to 70	0	0	2								2	0.180018
71 to 80	0	0									0	0
81 to 90	0	0									0	0
	120	115	139	114	106	102	96	99	102	118	1111	100

In graphical representation of table 1 is shown in the fig 2

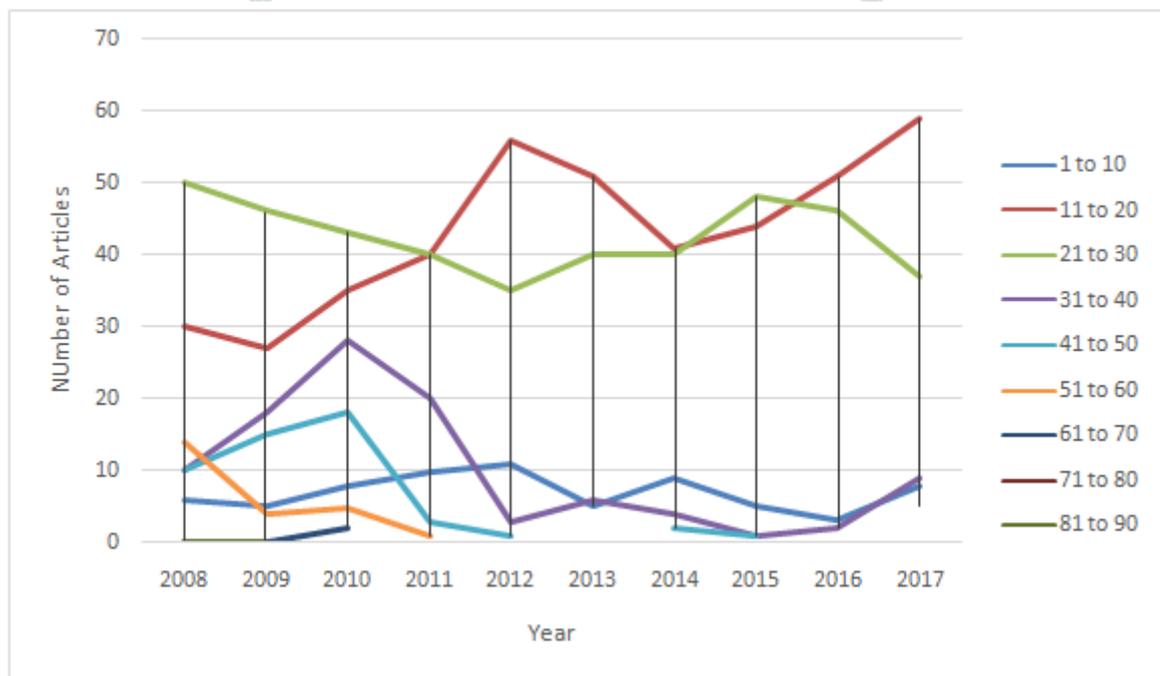


Fig 3 Citation Study Graph

The conveyance of writers as indicated by topographical areas is introduced in table 5.9 and the most extreme number of articles are from India and are equivalent to 920. Followed by 80 articles of Turkey.

Table 2 Author Distribution as Per Geographical Locations

Name of Country	Number of Contributions	Percentage (%)
India	920	82.80828083
Egypt	10	0.900090009
Mexico	13	1.170117012
Turkey	80	7.200720072
Malaysia	7	0.630063006
Iran	31	2.790279028
Srilanka	10	0.900090009
China	18	1.620162016
Zimbabwe	10	0.900090009
USA	12	1.080108011

The graphical representation of table 2 is show in figure 4

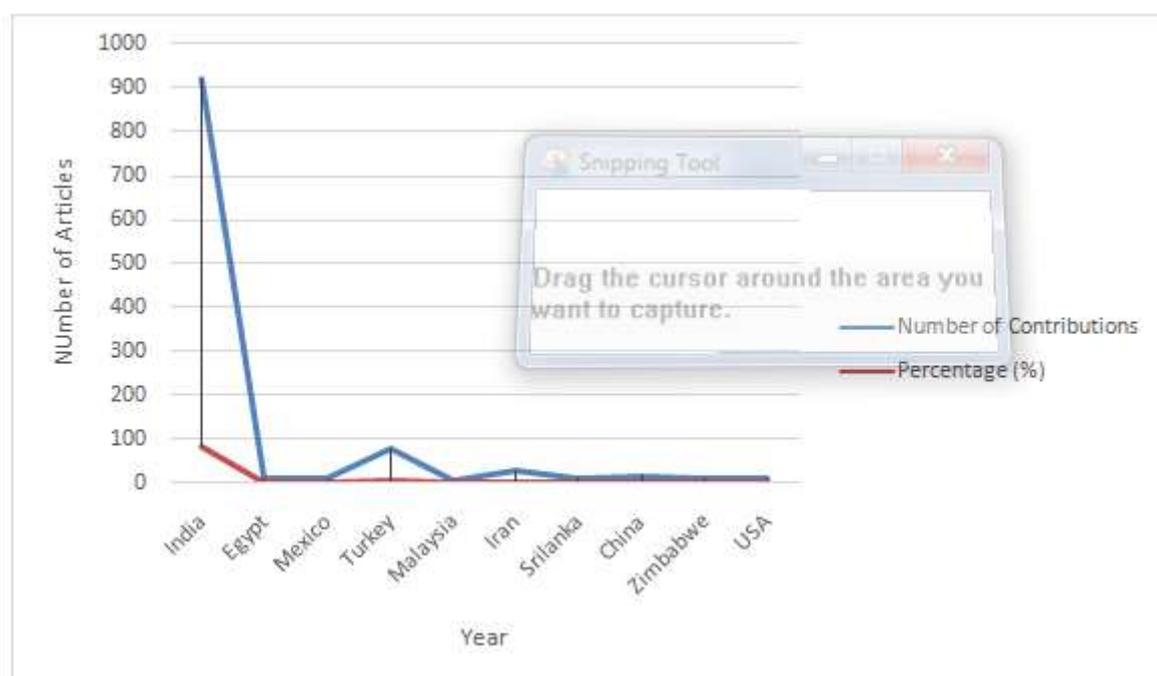


Fig 4 Author Distribution as Per Geographical Locations Graph

IV. CONCLUSION

This appraisal handles citation analysis of the article and the citations collected from the 'Diary of Traditional Knowledge' passed on during 2008 and 2017 just 10 years. Complete measures of articles dispersed during 2008-2017 are 1111. The citations gathered from 1111 articles are 32227. Different volumes coursed in the diary of Traditional information., volume numbers 7 to 17 (2008-2017) were taken as test for the assessment.

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