

ANALYSIS OF THE TOP 100 CITED PUBLICATIONS IN EARTHQUAKE RESEARCH DURING 1991 TO 2021

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Abstract

Earthquake research has expanded over the past few decades. Also, over the past 30 years, earthquakes have become a major study because earthquakes occur every year in each region. The aims of this research is to analyze the top 100 cited articles in the earthquake field from 1991 to 2021. Research give an idea of citation, author, year, journal and country characteristics of these articles using literature review, bibliometric analysis and VOSViewer which the data from Scopus database. The research found that articles is most document type of top 100 cited papers which 2005 was the most published year for the article. The average number of citations per article was calculated as 727 citations per paper. The journal Nature is the primary source of the Nature Publishing Group, which governs the publication of the most influential earthquake studies. Kanamori is recognized as the most productive author who received the highest number of quotes and the most incredible link strength. The United States dominates the production of highly cited articles. The research areas in these papers are mainly emphasized on earthquake, states, geological, sciences, earth, and japan. Further research related to earthquakes can also be directed to the relevance of the tsunami. The results of the Scopus database show 2,098 document results [January 17, 2022] with the title “earthquake tsunami.”