Big data analysis of Indonesian scholars' publications: A research theme mapping

Isti Surjandari, author

Deskripsi Lengkap: https://lib.ui.ac.id/detail?id=9999920521646&lokasi=lokal

----

Abstrak

The advancement of science and technology plays an important role in enhancing the international competitiveness of a nation. One of the indicators for measuring the advancement in science and technology of a nation is the amount of research that is published in international journals. In order to improve the quantity and quality of research publications, research themes mapping of published studies is required. By conducting research themes mapping, the research road map for future research can be developed effectively. In this study, Indonesian scholars' publications, which are indexed in Scopus during the last five years (2010-2014), were analyzed by applying co-word analysis. Co-word analysis, which is part of text mining, is applied to find the interrelationship among research themes in a big corpus of data. As a result, there are fifteen main research themes in Indonesia as on Quadrant I and IV of strategic diagram.