

A Review of Engineering Education Study in Indonesia

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Abstract

This research purposes to present a thorough knowledge map of the intellectual structure of engineering education study in Indonesia based on the dataset collected from the Scopus database. A bibliometric approach was employed by analysing 1,328 scientific articles published between 1978 and 2020, using the VOSViewer application, and analyze the search results function on Scopus. The study discusses an overview and the prominence of articles, authors, organization, country, publication sources, collaborative researcher, and research themes. This research proposes a mapping of engineering education research themes based on the classification of knowledge development from forty-two years of publication: Pedagogy, Industry 4.0, Science, Technology, Engineering, and Skills, as PISTES research themes.

Keywords

Bibliometric, engineering education, Indonesia, research themes, research mapping.

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