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“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

Cleaner Production: A Bibliometric Study in Scopus Data Base

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Abstract

Environmental issues have influenced the industry regarding changes in their production processes to minimize environmental impacts. The growth of this concern has enabled many researchers to develop scientific research on cleaner production practices, making enough frequent theme. In order to understand the scientific literature on this topic, we performed a bibliometric study. The analysis was divided into three periods: until 1999, from 2000 to 2009 and from 2010 to 2014. Information on the articles were obtained from Scopus. It was possible to evaluate the main authors of published works, the main journals, the productions took place a year and the keywords associated. Among the most productive authors, there is a great permeability of the area because only one of the authors figured in the list of the most productive in the three periods. The application of Lotka's law that the distribution of articles by authors adheres to the model, although over time there is a change in the shape of the curve due to changing patterns. Among the journals there was a significant predominance of the Journal of Cleaner Production and a scattering among periodicals related areas, showing the interdisciplinary aspect of the area. The study of keywords indicated a recent increase approach of practical issues and specific environmental issues such as biodiesel and biofuels

Keywords: *clean production, bibliometrics, scopus, lotka*
