

عنوان مقاله:

Global Trends and Status in Bioenergy Research during the Years ۲۰۰۰-۲۰۲۰: A Systematic Bibliometric Analysis

محل انتشار:

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خلاصه مقاله:

The increase in worldwide energy consumption and the issues arising from the use of fossil fuels have drawn attention towards sustainable energy sources. Bioenergy is a sustainable energy source that can help accomplish the goals of sustainable development. Aimed at the bibliometric analysis of articles on bioenergy, this study explored a total of ۱۶,۷۷۳ articles published in the Scopus database from ۲۰۰۰ to ۲۰۲۰. The cooperation of the authors and countries was established and studied by using social network analysis based on co-authorship. Also, to check the hot topics, the keywords and their interrelations were assessed based on co-occurrences. Additionally, the interrelationship of the keyword clusters was studied. The relevant research institutions, sponsors, and journals were addressed as other dimensions. The research showed that although the United States is the pioneer, China has made extensive investments and has put a special focus on bioenergy. This research shows the increasing importance and attention to bioenergy and, analyzes various aspects of bioenergy and illustrates the trend and progress of this subject over the last two decades. It would also help researchers develop bioenergy by identifying the most recent hot topics and their interrelations

کلمات کلیدی:

Bioenergy, Environment, Bibliometric analysis, Social network analysis (SNA), Research trend

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