

عنوان مقاله:

Worldwide trends in scientific publications on association of gut microbiota with obesity

محل انتشار:

مجله علوم پایه پزشکی ایران، دوره 22، شماره 1 (سال: 1397)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

Objective(s): Recent evidence has shown underlying roles of gut dysbiosis and metabolic endotoxemia in obesity and its complications. Despite the large number of experimental and clinical researches performed on gut microbiota and obesity, no bibliometrics' study has been conducted so far. We aimed to assess the trend of global scientific publications in the field of gut microbiota and obesity. **Materials and Methods:** The bibliometrics' data from January 2000 to April 2017 were retrieved based on Scopus database. The analysis of the publication year, main source, citation, subject area, co-authorship network, and geographical distribution were carried out, accordingly. The data were analyzed using the Scopus analysis tools, SPSS version 15 and Visualizing Scientific Landscapes (VOS) viewer version 1.6.5. **Results:** Out of 4384 documents that were identified, the United States published the highest number (28.2%), followed by China and United Kingdom. The number of publications showed an increasing trend over the years of which the most productive year was 2016. The leading subject area was medicine. Most of published scientific documents were original articles and the top source was PLoS One. The documents were cited totally 153576 times with average citations per article as 35.03, and h-index of 159. Top author in the co-authorship network assessment was Wang J. from China. **Conclusion:** This study could provide practical sources to researchers to find highly cited studies. Moreover, the study could pave the way for researchers to be engaged in studies which potentially lead to more publication in the field.

کلمات کلیدی:

Bibliometrics, Endotoxemia, Gut flora, Gut microbiota, Obesity

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