

Bibliometric Diagnosis in Public Health Research

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BACKGROUND

The methods of scientific output assessment have been discussed for many years. This assessment in the Public Health area is extremely difficult because of the multidisciplinary character of this field. Apart from that there is a vast variety of PH research fields. In spite of this multiplicity, PH librarian should be able to indicate the leading significant PH journal titles and institutions or organizations.

GOALS

The main goal of this study is:

- to show the leading institutions which publish the highest number of frequently cited research papers.
- to point out the most popular themes in PH research
- to list best PH journals using Hirsch index and number of citations.

METHOD

From the titles registered by ISI Web of Knowledge around 80 PH journals published from 1996-2009 have been selected. The content analysis and the citations analysis have been performed. As a result of the bibliometric investigation the following lists have been obtained:

- for articles: the authors' affiliations with the number of citations,
- key-words used for the highly cited articles
- Hirsch index for these key-words
- Impact Factor and Hirsh index for the PH journals,
- Hirsch index for affiliated institutions.

RESULTS

The ranking of PH institutions in regard to number of good publications was presented. The list of the highly estimated journals was made on the basis of the H-index and was compared with the IF ranking. Key-word analysis should result in the most popular subjects of PH research