Characteristics on the database: Journal Citation Report

National license

Content The interdisciplinary Journal Citation Report (JCR, ed. 2024) database, provided by Clarivate Analytics and based on the main citation index of the Web of Science Core Collection database. Using citation data, this database allows for a basic or multi-faceted assessment of the substantive content of scientific journals in many fields (see also: Journal Citation Reports Reference Guide).

The database allows you to compare scientific journals in specific fields in the natural sciences and social sciences (JCR Science Edition, JCR Social Sciences Edition) using a variety of indicators calculated on the basis of citation data. Thanks to its functionality, you can:

- assess the importance of a journal in a selected field,

- verify its greatest impact on a given field,

- obtain information about the journals that publish the most articles in a given field.

Searches in the database can be performed based on criteria such as:

- journal title,

- scientific category (254),

- publisher,

- country/region.

The JCR database is updated once a year. It allows for the comparison of selected or multiple subject categories (254 categories) in the context of various indicators. The evaluation criteria are based on selected indicators and can be divided into:

- **impact criteria** (JIF journal impact factor, total number of citations, 5-year impact factor, immediacy index, etc.),
- **standardized criteria** (eigenfactor, normalized eigenfactor, article influence score, JIF percentile, JIF quartile, etc.),
- **source-related criteria** (total number of articles, Cited Half-Life – information on the number of cited publications of the journal related to its publication date, percentage of articles published in the Open Access Gold program).

In addition, the database allows you to verify the number of journals published by a publisher in the previous year and show the relationship between cited publications and citing authors. A full analysis using scientometric information from JCR is possible using the tool InCites.

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