

Citation analysis tools

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Citation Analysis Tools

In this video I'll talk about the tools for journal metrics, articles, books and book chapters, and author's h index. I'll highlight those available through SOLO and those free online.

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Tools for JIF and Journal Ranking

The tools for finding journal impact factors and Journal rankings are:

- The journal Citation Report JCR. This tool takes its data from the large abstracts and citations database Web of science. Its coverage includes science social sciences and art and humanities.
- The other tool is Scopus. From Scopus home page, select Sources to access journal data and ranking. There's a free online version of the journal ranking, it's called Scimago.
- Google scholar provides the top 10 journals across all disciplines including Humanities, literature and arts, then the top 20 journals by broad subject categories and sub -categories.

JCR and Scopus are subscription-based. Oxford has a subscription for both. You need go to SOLO catalogue to access them and take advantage of the full functionality of each database. It's worth pointing that with JCR and Scopus, the calculation is transparent and documented. With Google, we only know that it's done by computer program.

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Tools for Citation Counts and Author Index

For citation counts of articles, books, book chapters and authors' h-Index you can use Web of science, Scopus, Google, Publish or Perish, and Dimensions.

Access to Web of science and Scopus is through SOLO. Citations counts are from peer reviewed contents the companies select.

As today Scopus indexes over 39 thousand journals, Web of Science over 34 thousand, plus books, proceedings, patents and data sets.

Scopus provides Plum x metrics and Snowballs metrics with the citation counts.

Google pool is much wider and generates citation counts from academic sites - publishers, professional societies, online repositories, universities sites and other web sites.

Publish and Perish is a free software program designed by Professor Harzing. It's a program that harvests citations from the web including Google scholar with tools to analyse and re-calculate the h-index giving more weight to highly-cited articles.

There's a free version of Dimensions from Digital Science Company. Dimensions is a bibliographic database mainly for science and biomedical sciences. It displays the altmetric colour doughnut in addition to citation counts.

You can run an author search in Web of Science and Scopus and view a comprehensive profile page with the h- index, and the publications and citation counts included in the h-index calculation.

In Google scholar, you can only access h-index of authors who have created a profile.

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Tool for the Tops

For top journals, papers, authors, institutions and research fields, the library subscribes to Essential Science Indicators. The selection to tops are based on the data indexed in Web of science.

Altmetric.com produces an annual top 100 articles across all disciplines.