

Scopus LibGuide: Metrics

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Metrics in Scopus

Metrics are embedded throughout Scopus at the journal, article and author levels. All of these metrics are designed to help facilitate the evaluation of authors, journals and articles. These metrics also provide enhanced views of research areas and help build valuable insights.

Research metrics quick reference

Metrics illuminate the impact of your research outputs. Promotion and tenure committees, funders, advisors, research team leaders and potential collaborators are all interested in information about impact.

But where to start?

Your library can advise you on metrics that can help you to:

<p>Decide where to publish</p> <ul style="list-style-type: none"> • CiteScore • SJR: SCImago Journal Rank • SNIP: Source Normalized Impact per Paper • Journal Impact Factor 	<p>Update your online profile</p> <ul style="list-style-type: none"> • h-index • Percentile benchmark • Usage • Captures • Mentions • Social media 	<p>Enrich promotion & tenure portfolio</p> <ul style="list-style-type: none"> • h-index • Percentile benchmark • Usage • Captures • Mentions • Social media • Citations 	<p>Apply/report to funders¹</p> <ul style="list-style-type: none"> • Percentile benchmark • Journal metrics (e.g., CiteScore) • Usage • Captures • Mentions • Social media • Citations 	<p>Benchmark a collection of research outputs <small>(for team leaders)</small></p> <ul style="list-style-type: none"> • Percentile benchmark • Field-Weighted Citation Impact • h-index (if in the same field) • Field-Weighted Download Impact²
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Document*
 Author
 Journal
 PlumX metrics



<p>Citation count # of citations accrued since publication</p> <p>A simple measure of attention for an article, journal or researcher. As with all citation-based measures, it is important to understand the context of the metric.</p>	<p>Document count # of items published by an individual or group of individuals</p> <p>A researcher using document count should also provide a list of document titles with links. If authors use an ORCID ID—a</p>	<p>Field-Weighted Citation Impact (FWCI) # of citations received by a document expected # of citations for similar documents</p> <p>Similar documents are ones in the same discipline, of the same</p>
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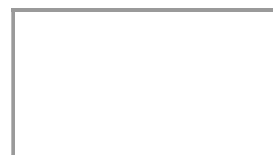
- Download the quick reference tool
- Find clear definitions on metrics like the h-index and CiteScore.

Article metrics

Article-level metrics (ALMs) quantify the reach and impact of published research. Scopus integrates data from PlumX Metrics as the primary source of its article-level metrics, along with traditional measures (such as citations) to present a richer and more comprehensive picture of an individual article's impact.

Metrics include:

- See citation overviews
- Create graphs
- Compare citation counts
- Link to citing documents



Article impact metrics

PlumX Metrics

provide insights into the ways people interact online with individual pieces of research output (such as articles, conference proceedings, book

Journal metrics

Journal-level metrics on Scopus include:

- CiteScore metrics
- SCImago Journal Rank (SJR)
- Source Normalized Impact per Paper (SNIP)

Source details

Ca-A Cancer Journal for Clinicians
 Scopus coverage years: from 1950 to Present
 Library subscription: from January 1990 to December 2099
 Publisher: Wiley-Blackwell
 ISSN: 0007-9235 E-ISSN: 1542-4863
 Subject area: (Medicine: Oncology) (Medicine: Hematology)

CiteScore 2019: 435.4
 SJR 2019: 88.192
 SNIP 2019: 113.744

Improved CiteScore methodology
 CiteScore 2019 counts the citations received in 2016-2019 to articles, reviews, conference papers, book chapters and data papers published in 2016-2019, and divides this by the number of publications published in 2016-2019. [Learn more](#)

CiteScore 2019: 435.4 - 47,455 Citations 2016 - 2019 / 109 Documents 2016 - 2019
 CiteScoreTracker 2020: 386.0 - 37,830 Citations to date / 98 Documents to date
 Calculated on 06 May, 2020 | Last updated on 07 September, 2020 • Updated monthly

Category	Rank	Percentile
Medicine Oncology	#1331	99th
Medicine Hematology	#1123	99th

Each journal overview page contains these details:

- Scopus coverage
- Publisher information
- Subject areas
- CiteScore
- CiteScore Tracker (monthly update)
- SNIP
- SJR
- CiteScore Rank and Trend

CiteScore is a family of eight indicators that offer complementary views to analyze the publication influence of serial titles of interest. Derived from the Scopus

Author metrics

Author metrics allow users to:

- Analyze and track an individual author's citation history
- Review an author's total citation and document counts from the author details page
- Access graphs and charts of document and citation trends



Available author metrics include:

- ***h-index and h-graph***: Rates a scientist's performance based on his or her career publications, as measured by the lifetime number of citations each article receives. The measurement depends on both quantity (number of publications) and quality (number of citations) of an academic's publications.

chapters and others).

To support like-with-like analysis and help make sense of the huge amounts of data involved, PlumX Metrics are divided into five categories:

Citations: This category contains both traditional citation indexes, such as Scopus, as well as citations that help indicate societal impact, such as clinical, patent or policy citations.

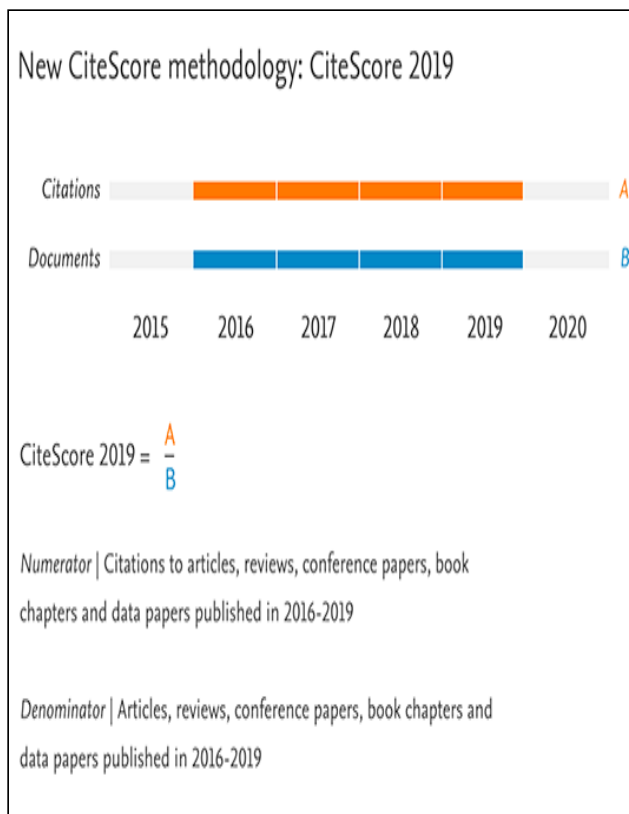
Usage: This indicates how often people are reading an article or otherwise using the research. After citations, usage is the statistic that most interests researchers.

Captures: A capture indicates that someone wants to come back to the work — and it can be a leading indicator of future citations.

Mentions: This measures activity such as news articles or blog posts about research. It's a way to

or serial titles of interest. Derived from the Scopus database, CiteScore metrics offer a more transparent, current, comprehensive and accurate indication of a serial's impact. CiteScore metrics are available for all active journals (25,300 per June 2020; 13,000 more than Journal Impact Factor).

As of June 2020 the definition of CiteScore has changed, now only including typically peer-reviewed research: articles, reviews, conference papers, data papers and book chapters, covering 4 years of citations and publications. Historical data back to CiteScore 2011 have been recalculated and are displayed on Scopus.

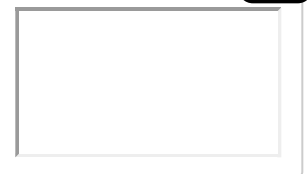


SNIP (Source Normalized Impact per Paper) Measures contextual citation impact by weighting citations based on the total number of citations in a subject field. The impact of a single citation is given higher value in subject areas where citations are less likely, and vice versa.

SJR (SCImago Journal Rank): A prestige metric that can be applied to journals, book series and conference proceedings. With SJR, the subject field, quality and reputation of the journal have a direct effect on the value of a citation

publications.

- **Citation overview tracker:** An adjustable table that includes the number of times each document has been cited per publication year.
- **Analyze author output:** A collection of in-depth and visual analysis tools designed to provide a better picture of an individual's publication history and influence

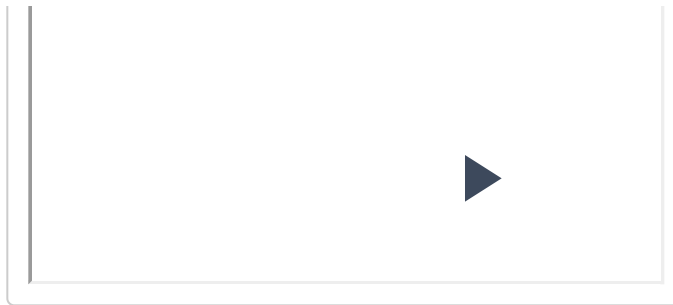


tell that people are truly engaging with the research.

Social media: This category includes tweets, Facebook “likes” and other social media posts that reference the research. Social media can help measure buzz and attention. Social media can also be a good measure of how well a particular piece of research has been promoted.

Plum Print: For quick and easy comprehension, these five categories of metrics are also displayed as a data visualization known as the Plum Print. Each colored circle in the Plum Print represents the metrics in the associated category. The larger the circle, the more metrics in that category.

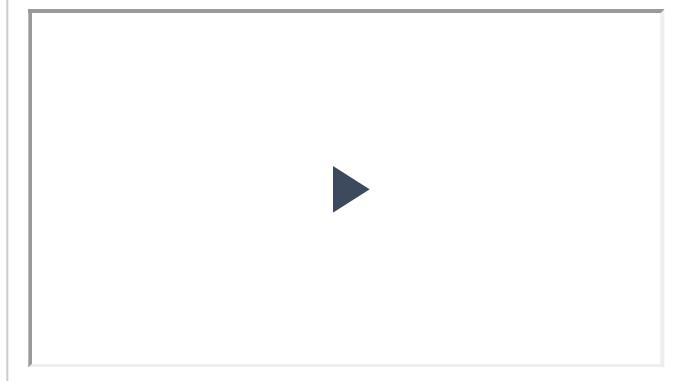
Note: The five categories are represented separately because each one



Journal comparison

Compare up to 10 sources and review results on a chart or in table format

- Search for sources to compare by title, ISSN, publisher, subject area
- Compare CiteScore for each publication by year
- Compare SNIP for each publication by year
- Compare SJR for each publication by year
- Compare number of documents for each publication by year
- Compare percent of articles cited for each publication by year
- Compare percent of review articles published in each publication by year



represents a different type of engagement and should not be combined into a single score.

- [Learn more about PlumX Metrics](#)

Additional article impact metrics

Beside PlumX Metrics, these additional article impact metrics are also available in Scopus:

FWCI (field-weighted citation impact) considers variations in research and citation behavior across disciplines and facilitates benchmarking among disciplines.

It is the number of citations received by a document divided by the expected number of citations for similar documents in the same field of research.

Citation benchmarking calculates how citations for this article compare with the average for similar articles in the same field.

