Make confident, data-driven decisions about collections management and manuscript submissions

Journal Citation Reports
2022 Release (2021 Data)

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June 2022

1. Overview of the Journal Citation Report
2. 2022 update
3. Recent developments
4. Demo
5. Questions

Clarivate™

“Like a real river, the river of scientific and technical publication is ever-changing.”

“The *JCR* answers these basic questions…who uses a particular journal? how frequently? for what purposes?”

“Few libraries in the world have a mandate to collect everything and none can afford it. Because the JCR gives good indication of a journal’s overall use, it provides a starting point for true cost-benefit analysis in allocating acquisition funds.”

-Introduction to Journal Citation Reports, Volume 9 of the 1975 SCI

With 30,000+ scholarly journals published globally, it's more challenging than ever to assess scholarly journals. How do you…

…find journals consistent with your values to showcase your research?

…ensure your library collections support rigorous research and teaching?

…make data-driven decisions about your open access strategy?

Journal Citation Reports (JCR)

Make confident decisions with objective, unbiased journal statistics from publisher-neutral experts

Selectivity

Quickly find a list of trustworthy, influential journals in all disciplines. Each journal profiled in JCR has met the **rigorous quality standards** documented in the Web of Science Core Collection editorial selection process.

Quality control

Work with credible metrics derived from accurate and complete data. Journals displaying evidence of **excessive self-citation and citation stacking are suppressed** from Journal Citation Reports to support research integrity in scholarly publishing.

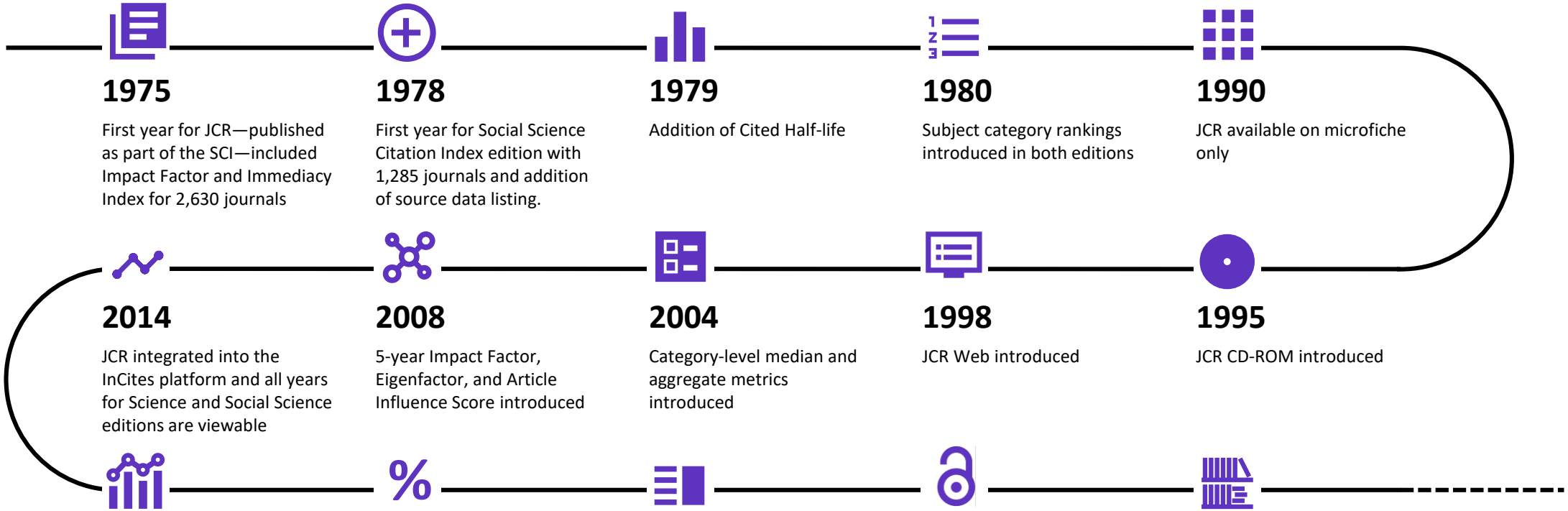
Transparency

Easily uncover the **relationship between article and journal citations** to better understand a journal's role in the network of scholarly communications. Access to article data helps you follow best practices for research evaluation.

Multiple ways to view impact

Evaluate journals with a multidimensional view of a journal's impact and influence. View citation metrics alongside **descriptive open access statistics and contributor information** that provide a holistic picture of each journal.

JCR’s history of responsiveness



1975

First year for JCR—published as part of the SCI—included Impact Factor and Immediacy Index for 2,630 journals

1978

First year for Social Science Citation Index edition with 1,285 journals and addition of source data listing.

1979

Addition of Cited Half-life

1980

Subject category rankings introduced in both editions

1990

JCR available on microfiche only

1995

JCR CD-ROM introduced

1998

JCR Web introduced

2004

Category-level median and aggregate metrics introduced

2008

5-year Impact Factor, Eigenfactor, and Article Influence Score introduced

2014

JCR integrated into the InCites platform and all years for Science and Social Science editions are viewable

2015

% Articles in Citable Items, Journal Impact Factor Percentile, and Normalized Eigenfactor added

2017

11,459 journals in 236 categories and Percent Citable Items introduced

2018

Enhanced Journal Profile provides full transparency on Journal Impact Factor

2020

Gold open access data introduced to show its contribution to journal content and citations

2021

Content expansion with the addition of all AHCI and ESCI titles as well as the new Journal Citation Indicator (JCR)…

JCR 2022 Release: by the numbers

21,430 total journals

12,828 Science journals

6,691 Social Sciences journals

3,092 Arts & Humanities journals

192 titles with first time Journal Impact Factor

3 journals suppressed in the 2022 release

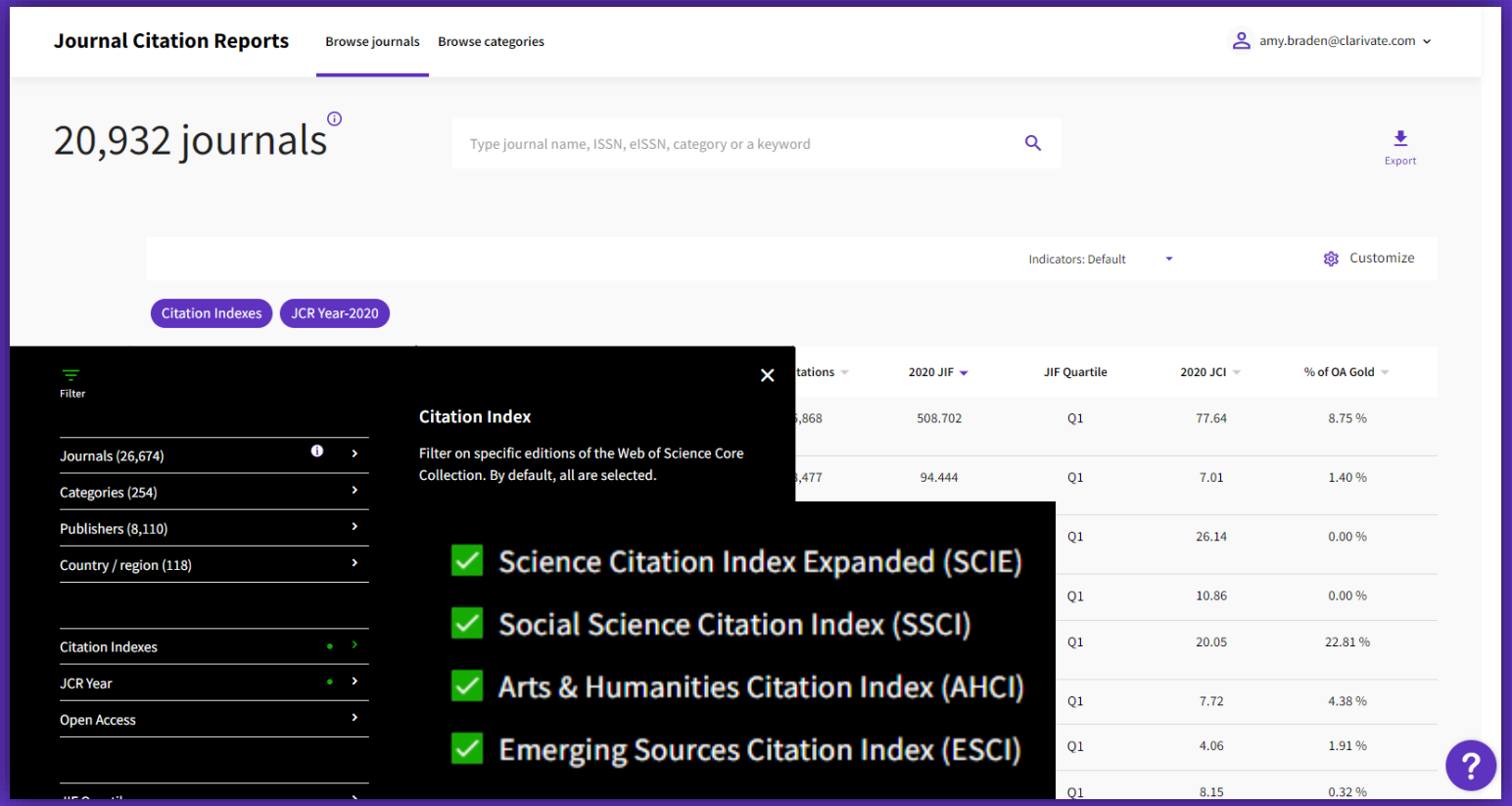
5,300 Gold Open Access journals

114 countries worldwide

254 research categories

See a broader picture of journal performance

JCR 2021 content expansion



Assess journals in over 250 categories– including the arts and humanities.

72%

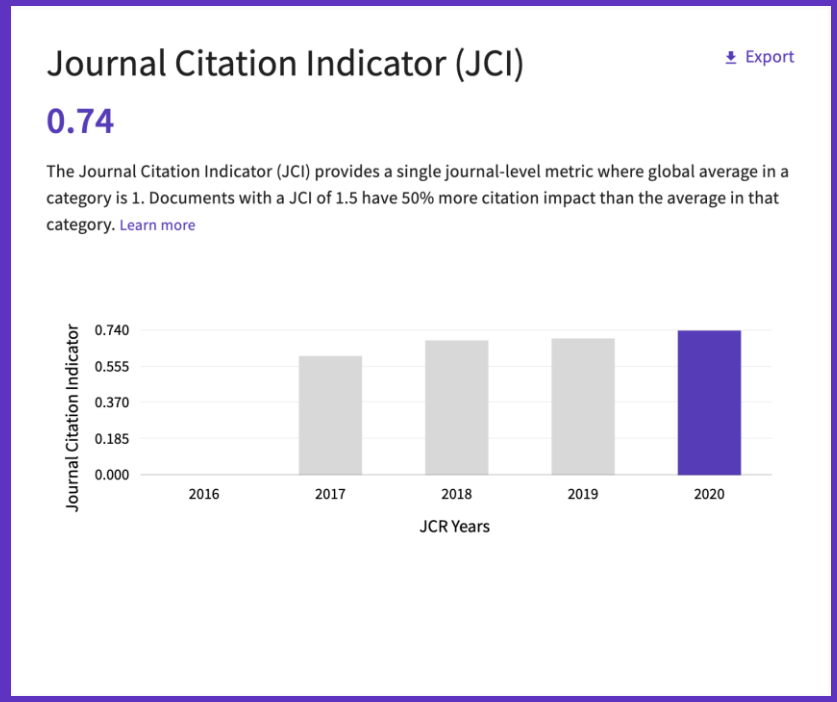
more journals were introduced in the 2021 JCR

Conduct cross-disciplinary comparisons

Journal Citation Indicator

Assess journal performance with additional context

Introduced in 2021, the Journal Citation Indicator harnesses another Clarivate measure: Category Normalized Citation Impact (CNCI), a metric found in InCites. The value of the Journal Citation Indicator is the mean CNCI for all articles and reviews published in a journal in the preceding three years.



- Help your researchers draw better informed conclusions about journal impact.
- A Journal Citation Indicator above 1 shows the journal has performed above the global average. Below 1 and it has performed below the global average.

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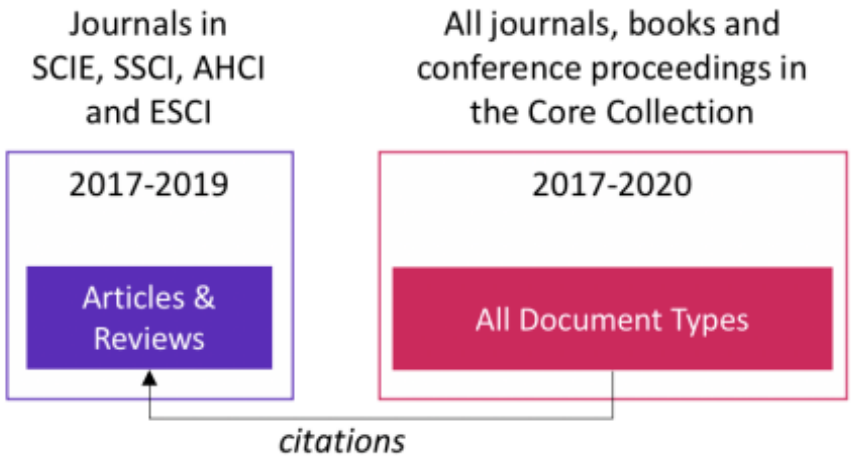
How is the Journal Citation Indicator calculated

The **Journal Citation Indicator (JCI)**, a field-normalized metric, represents the average category-normalized citation impact for papers published in the prior three-year period.

For example, the 2020 Journal Citation Indicator will be calculated for journals that published citable items (i.e., articles or reviews) in 2017, 2018 and 2019, counting all citations they received from any document indexed between 2017 and 2020.

The value of the Journal Citation Indicator is the mean Category Normalized Citation Impact (CNCI) for all articles and reviews published in the most recent three years (e.g., between 2017 and 2019 for the 2020 indicator value).



More Information:

Introduction to the Journal Citation Indicator
Category Normalized Citation Impact

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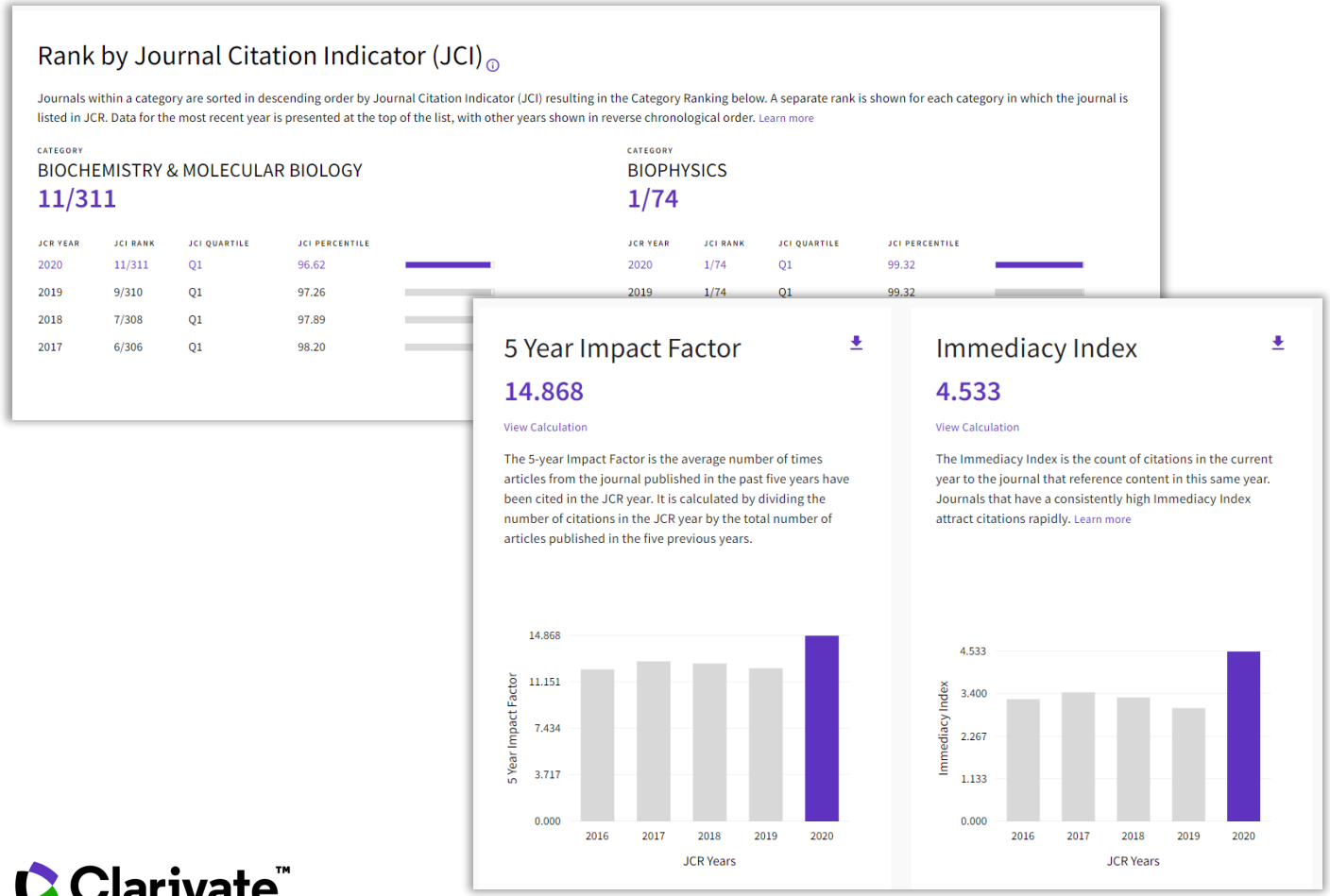
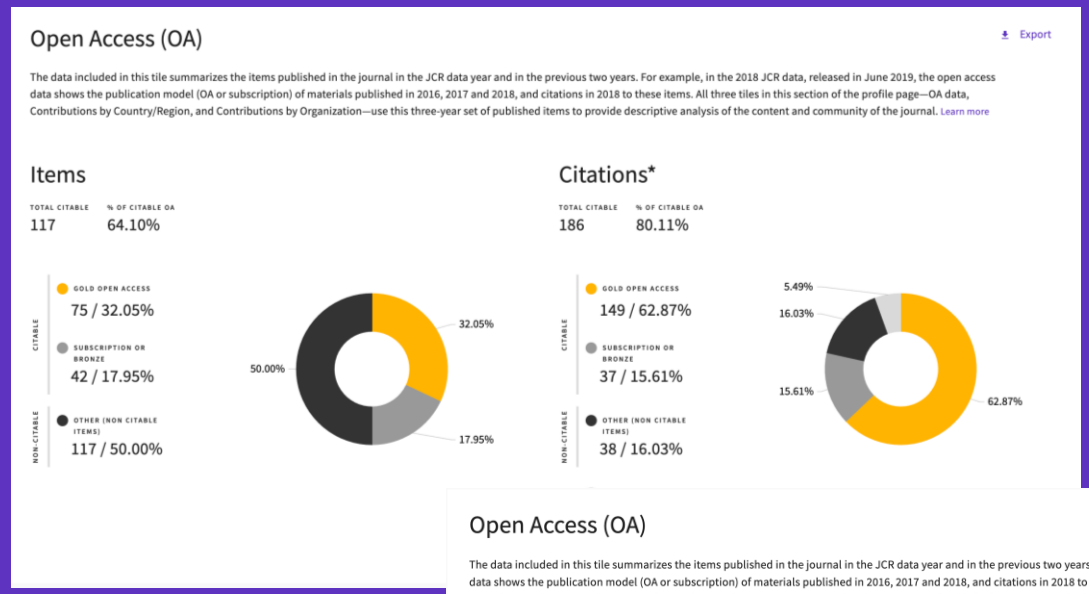
Gain a multidimensional view of journal impact and influence



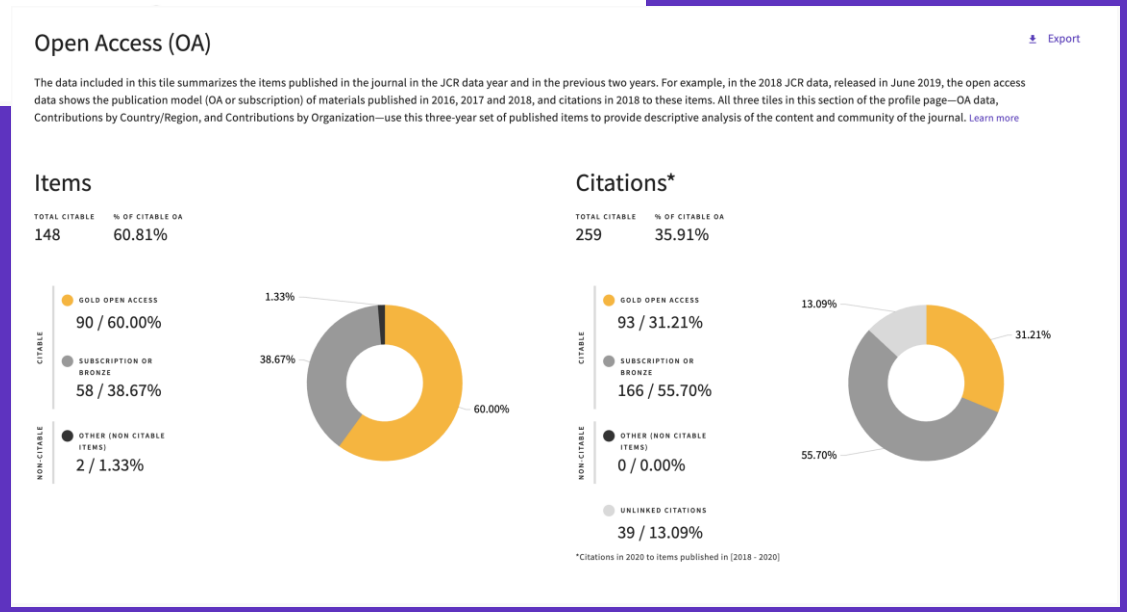
- Complement the Journal Impact Factor (JIF) with a wide range of additional metrics.
- Explore a journal's role in the scholarly network from several angles.

Make confident decisions about your open access strategy

Transparent open access data in the JCR



Example 1: 32% OA publications get 63% of the citations



Example 2: 60% OA publications get 31% of the citations

- Identify reputable journals that can make your article available as open access at the time of publication.
- Understand how journals' access models impact the scholarly discourse within your community.
- Make data driven decisions about your organization's open access policies.

Open Access data sourced from Our Research (formerly ImpactStory).

Explore data via interactive charts

Citation distribution

Export

The Citation Distribution shows the frequency with which items published in the year or two years prior were cited in the JCR data year (i.e., the component of the calculation of the JIF). The graph has similar functionality as the JIF Trend graph, including hover-over data for each data point, and an intractive legend where hovering over a data element's legend highlights that element in the body of the graph. You can view Articles, Reviews, or Non-Citable (other) items to the JIF numerator. Learn more

ARTICLE CITATION MEDIAN

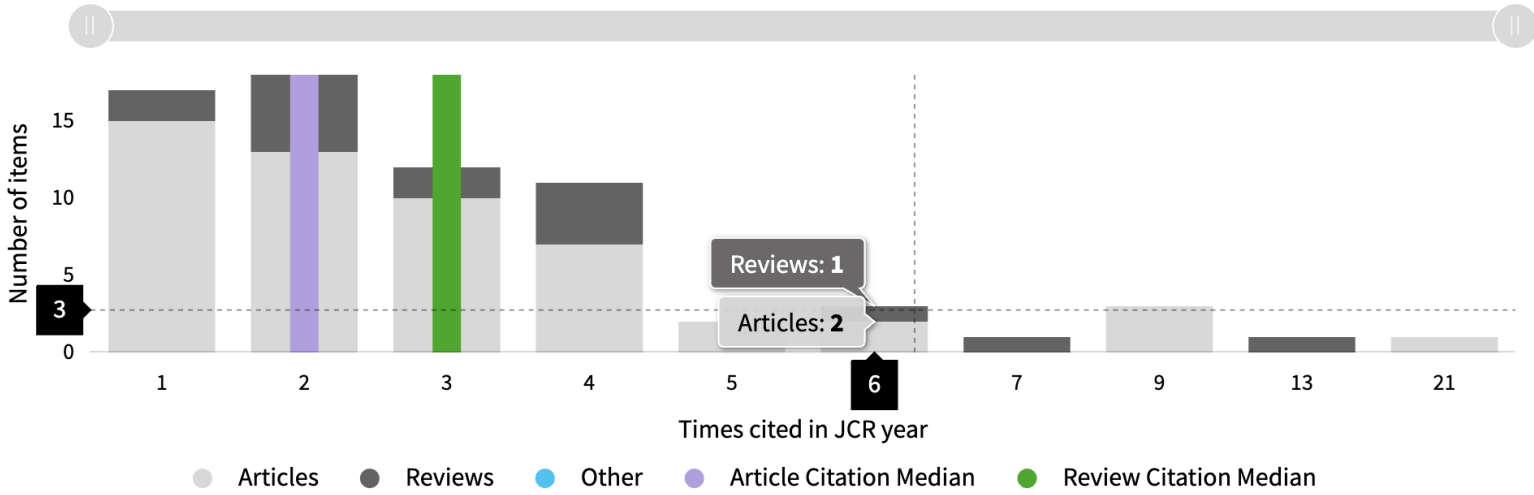
2

REVIEW CITATION MEDIAN

3

UNLINKED CITATIONS

34



TIMES CITED

0

ARTICLES

17

REVIEWS

1

OTHER

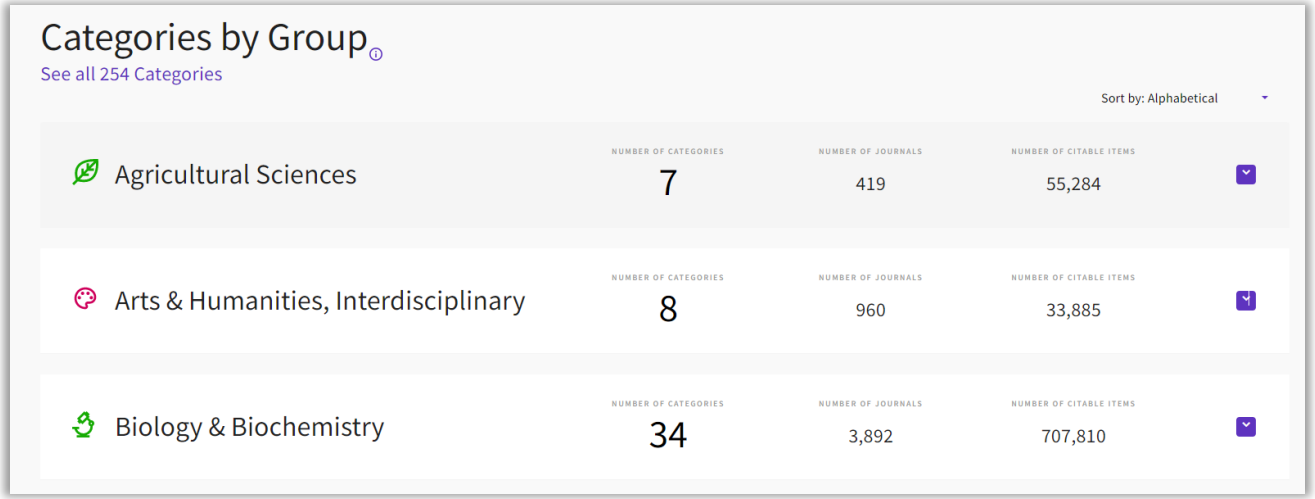
2

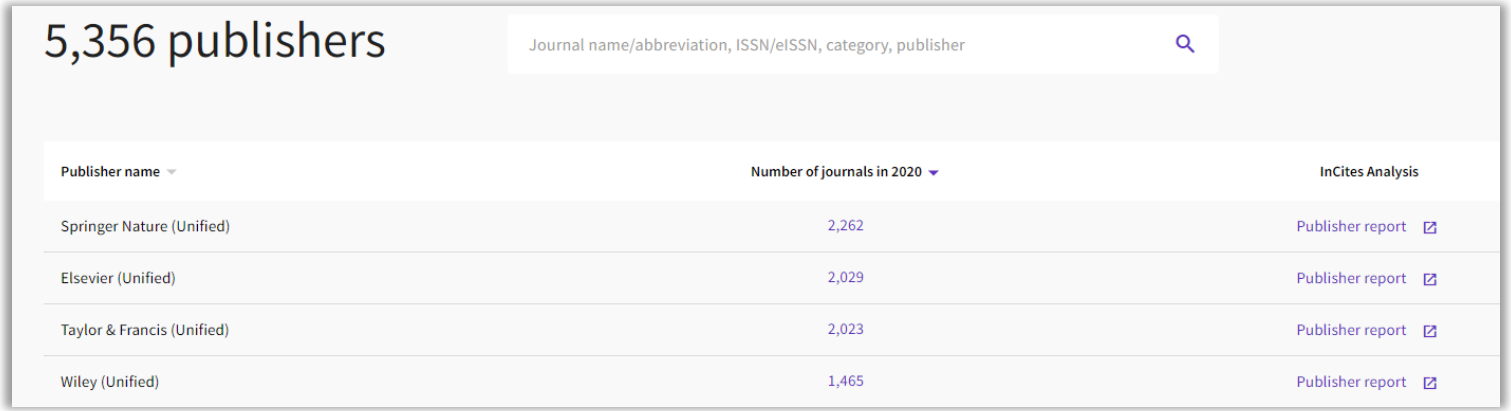
Streamline comparisons of selected journals

- View descriptive data and journal performance metrics for several journals in one place for easy identification of best-fit journals.

New ways to browse JCR data

Browse by Publisher and Category





- Identify a set of related categories using broad Groups and view aggregate metrics for each category.
- Conduct a deeper analysis of a publisher's portfolio with quick links to InCites Publisher Reports.

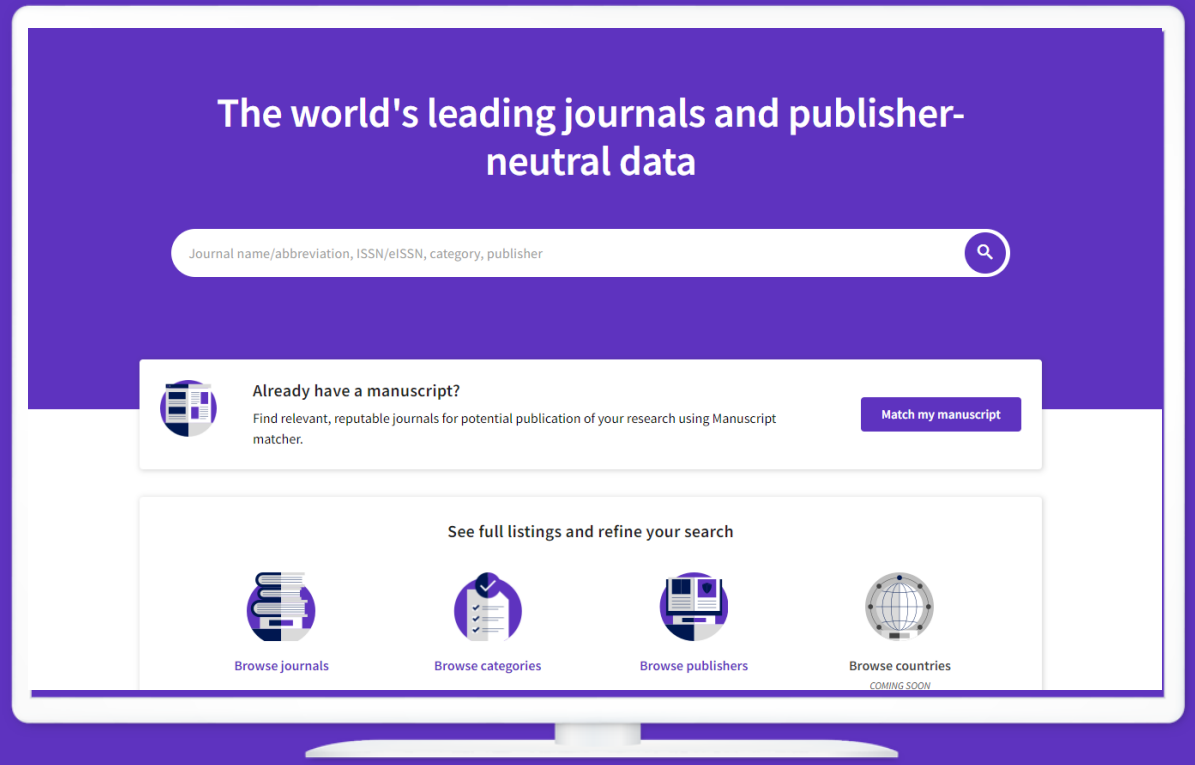
Navigate complex data with ease

Continuous interface updates

Enjoy improved features and navigation based on customer feedback

User-friendly display

Easily explore an abundance of data and metrics in Journal Citation Reports to extract insights faster.



Enrich your internal systems with trusted journal metrics and metadata

Journals API

For more information, check out the Journals API documentation on our Developer Portal.

Support bibliometric analysis at your organization.

Gain programmatic access to:

- High quality metadata for all Web of Science Core Collection journals.
- Metrics including the Journal Impact Factor and Journal Citation Indicator.

Additional resources

Web of Science Learning >

Web of Science Academy >

Events & Webinars >

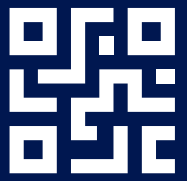
LibGuides >

Videos >

Web of Science Blog >

Web of Science news hub >

Researcher Recognition >



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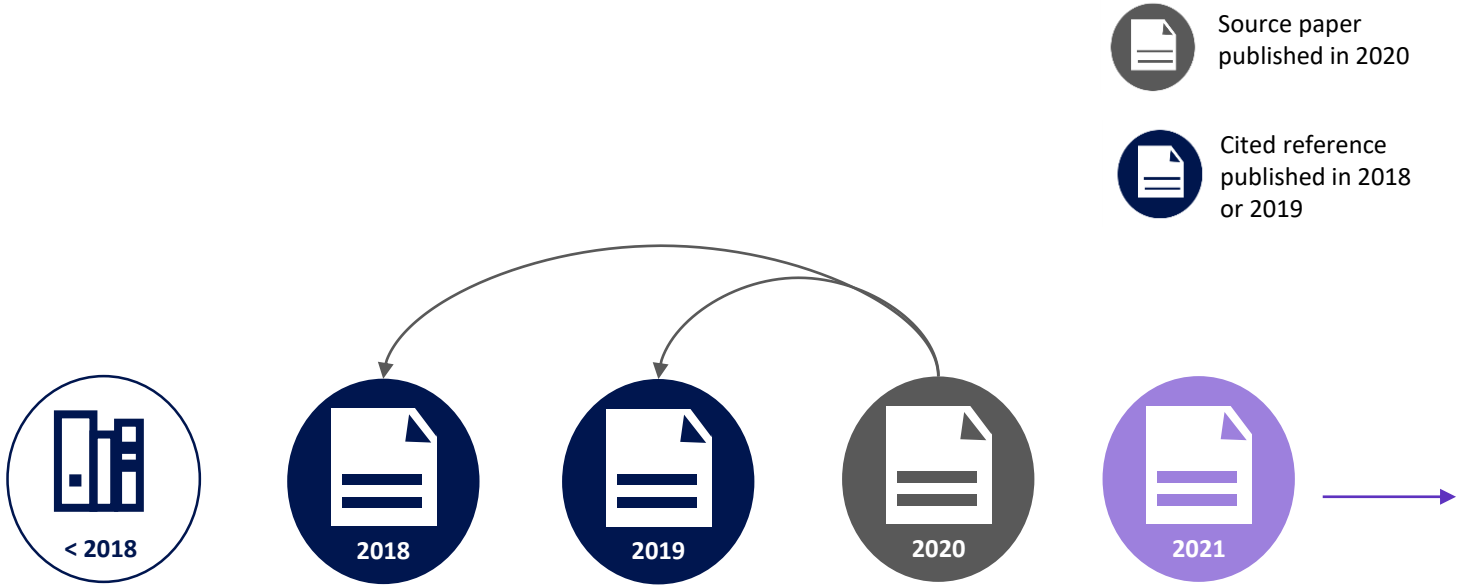
Thank you

How is the Journal Impact Factor calculated

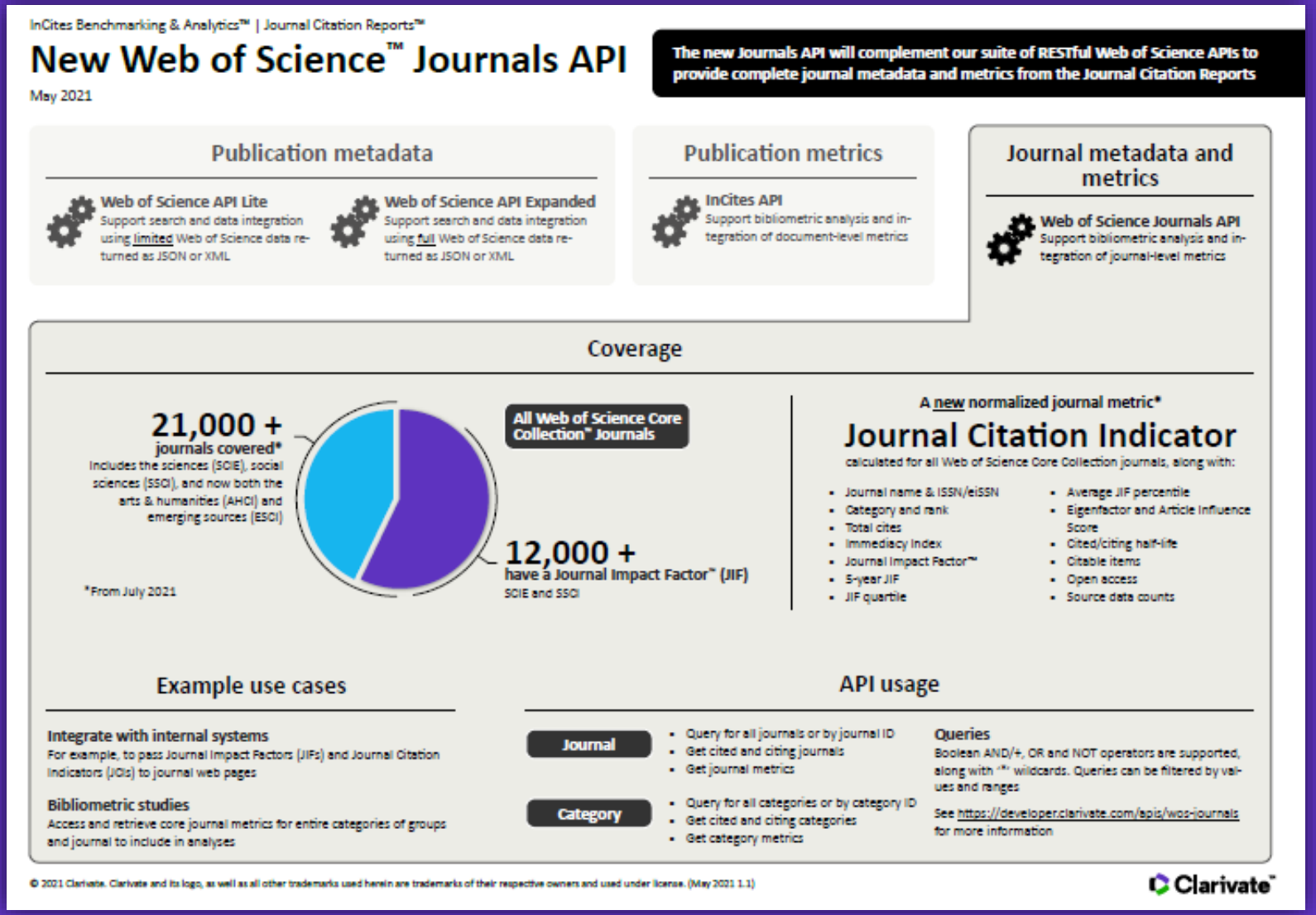
The JIF is defined as citations to the journal in the JCR year to items published in the previous two years, divided by the total number of scholarly items, also known as citable items, (these comprise articles and reviews) published in the journal in the previous two years.

The JCR year is the last complete year within that year's JCR data set. For example, the JCR year for the 2021 release is 2020.



Leverage Journal Citation Reports data outside of the platform.

We now offer a **Journals API** that provides journal metadata and metrics, including Journal Impact Factor and the new Journal Citation Indicator.



*For journals covered on our Web of Science Core Collection - via our Developer Portal.