



La Edición 2023 del Journal Citation Reports

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Agenda

Journal Citation Reports™ (JCR) overview

Expanding the Journal Impact Factor™ (JIF)

Displaying JIF to one decimal place

Journals API

JCR integrations

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

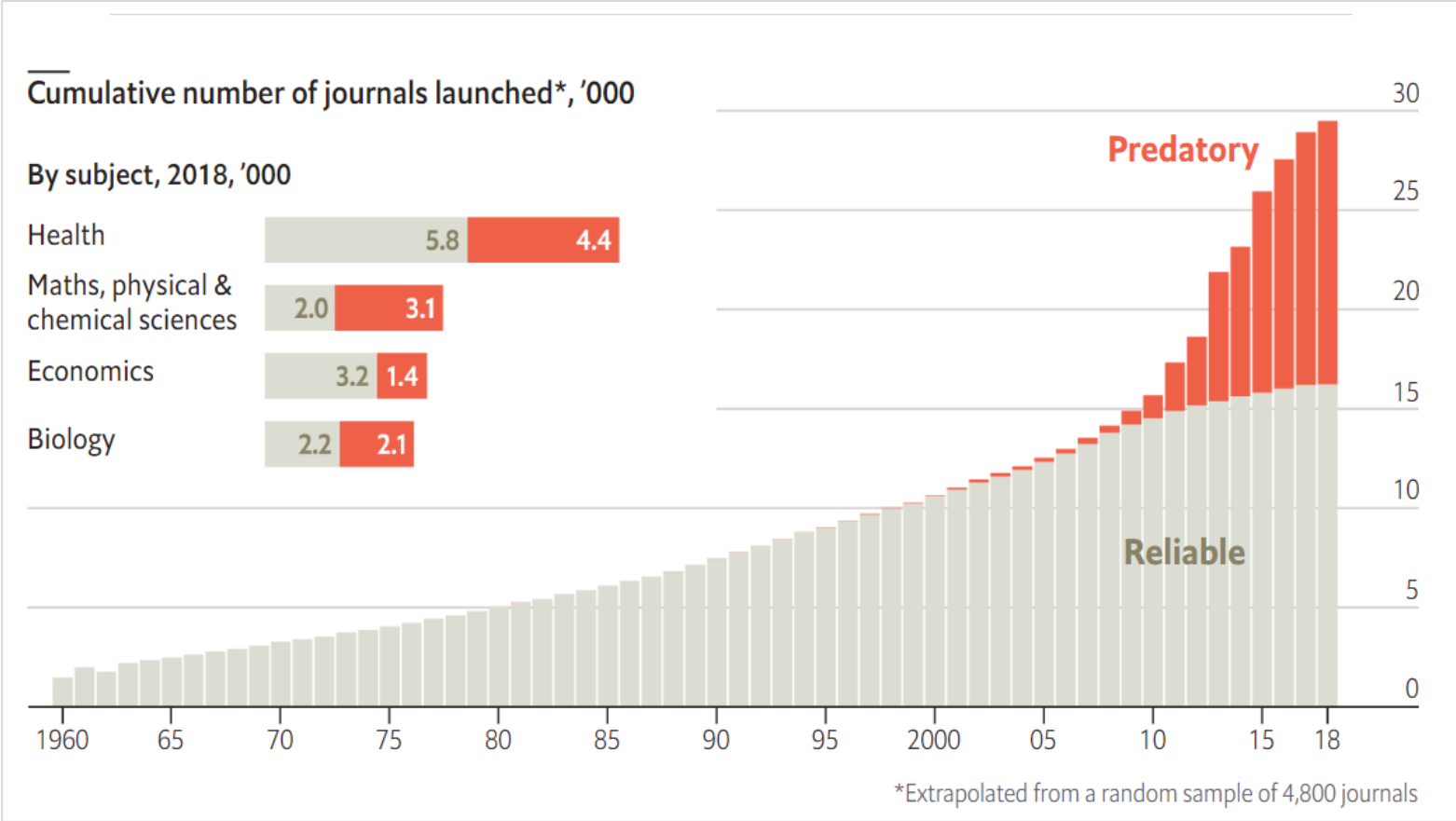
...find journals consistent with our values to showcase your research?

...ensure your library collections support rigorous research and teaching?

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



Alongside rapid content growth, questionable publishing practices are also on the rise



Source: The Economist, May 2020

Clarivate provides content, data, and metrics you can trust

- ✓ Selectivity provides a **curated** collection
- ✓ Meticulous indexing provides a **reliable** data foundation
- ✓ Expert analysis provides **trustworthy** metrics

Confidently navigate the growing complexities of journal publishing

Web of Science Core Collection is your trustworthy research foundation

- ✓ Conducted by a team of expert in-house editors.
- ✓ Not affiliated to publishers or research institutions.
- ✓ Each editor focuses on specific subject categories, getting a deep knowledge of the publishing landscape in that field.
- ✓ Journal data and information are collected by the editors independently rather than relying on data provided by the publishers.
- ✓ Do not use algorithmic approaches or delegate any editorial decisions on the research community.
- ✓ All editors use the same set of 24 quality and 4 impact criteria for all the journals.



- Publisher neutral

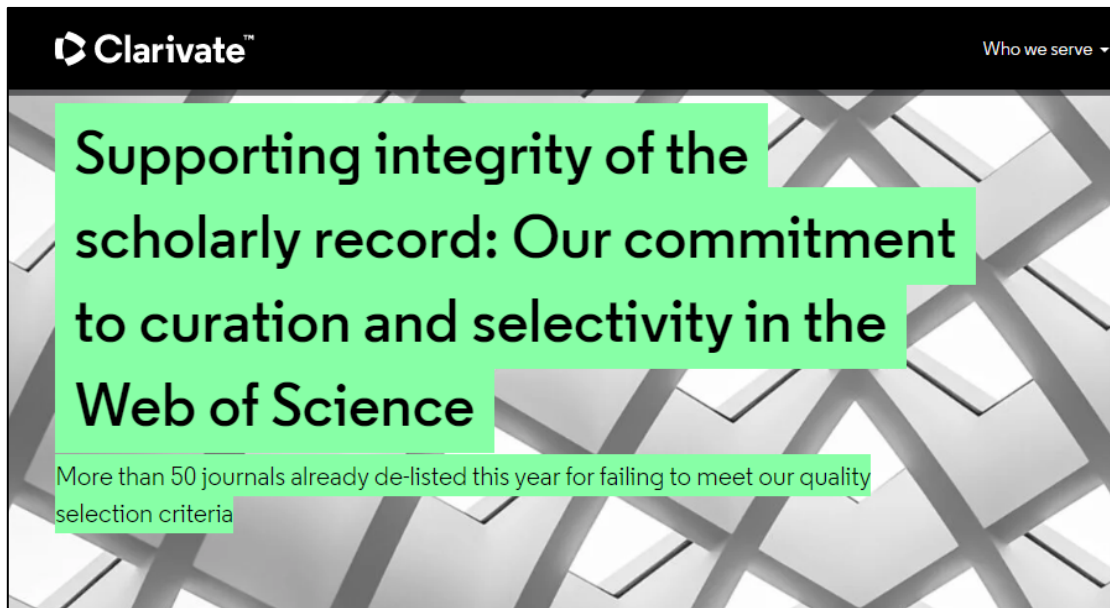


- In-house curation



- Expert & human judgement

Journals delisted in March 2023



Clarivate™ Who we serve ▾

Supporting integrity of the scholarly record: Our commitment to curation and selectivity in the Web of Science

More than 50 journals already de-listed this year for failing to meet our quality selection criteria

DR NANDITA QUADERI
Editor-in-Chief & Vice President, Web of Science
Clarivate

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MARCH 20, 2023 3 MINUTE READ

We have the important responsibility of providing our customers with trustworthy intelligence to help them transform the world for the better. The need for high-quality data from rigorously selected sources is becoming ever more important as the scholarly record becomes increasingly polluted.

A trusted record of research is essential for the global R&D community to effectively use published research outcomes to elevate ideas that will benefit everyday life. The



SCIENCEINSIDER | SCIENTIFIC COMMUNITY

Fast-growing open-access journals stripped of coveted impact factors

Web of Science delists some 50 journals, including one of the world's largest

28 MAR 2023 · 5:55 PM · BY [JEFFREY BRAINARD](#)



Responsible use of metrics:

Clarivate, former Thomson Reuters, has always promoted a responsible use of JCR and citation data

In **2008**, David Pendlebury recommended in a White Paper the following:

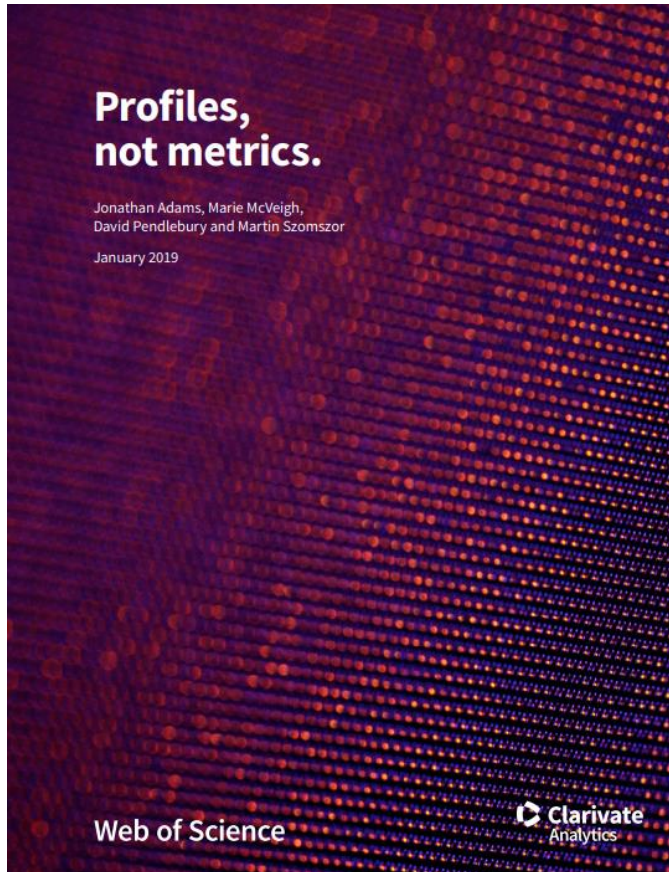
Ten Rules in Using Publication and Citation Analysis

1. Consider whether available data can address the question
2. Choose publication types, field definitions, and years of data
3. Decide on whole or fractional counting
4. Judge whether data require editing to remove “artifacts”
5. Compare like with like
6. Use relative measures, not just absolute counts
7. Obtain multiple measures
8. Recognize the skewed nature of citation data
9. Confirm that the data collected are relevant to the question
10. Ask whether the results are reasonable

And, above all, present the results openly and honestly

David Pendlebury (2008): “Using Bibliometrics in Evaluating Research”

Paving the way for more responsible research assessment



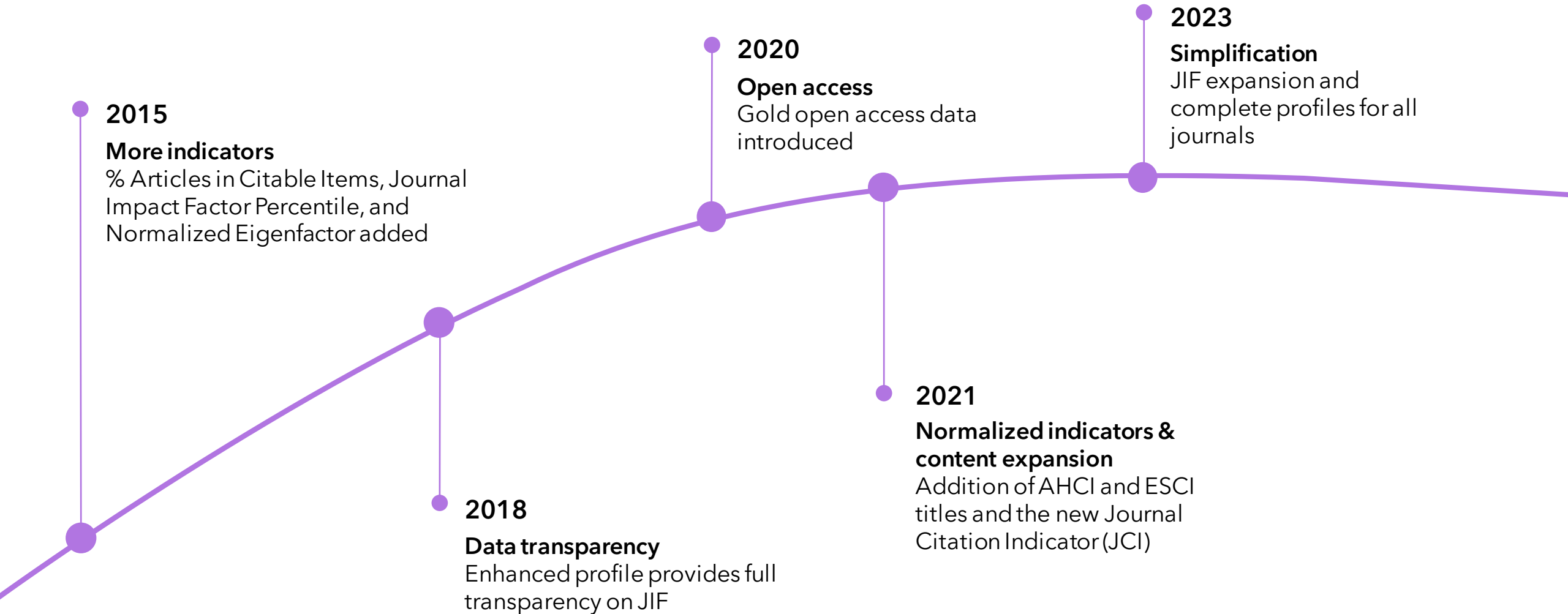
Visualizations support sound, responsible research assessment.

Visualizations unpack the richer information that lies beneath an indicator.

Evolving JCR to enhance responsible journal evaluation

'The JCR answers these basic questions... who uses a particular journal? how frequently? for what purposes?'

-Dr. Eugene Garfield



Journal Citation Reports 2023 annual release

2022 JCR data

21,522 total journals

13,668 Science journals

5,649 Gold Open Access journals

7,123 Social Sciences journals

112 countries worldwide

3,248 Arts & Humanities journals

254 research categories

9,136 titles with first time JIF

First time Journal Citation Reports inclusion list 2023

Journal Impact Factor (JIF) expansion

Building complete journal profiles for all editorially selected titles



Summary

- All Web of Science Core Collection journals receive a JIF
- JIF is displayed to one decimal point
- JIF remains a selective metric



Impact

- Simplification
- More data
- More journal and publisher representation
 - More open access coverage
 - More global representation



Benefits

- Increases the impact of your existing subscriptions by enhancing journal profiles
- Helps researchers make more informed publication decisions
- Simplifies collection management
- Enables deeper journal impact analyses

“Giving all quality journals a JIF will provide full transparency to each and every article and citation that has contributed to a journal’s scholarly impact, helping to demonstrate its value to the research community.

It will also help level the playing field for all quality journals, including open access journals, recently launched or niche journals, or journals with a regionally focused scope and those from the Global South*.”

Dr. Nandita Quaderi

Editor-in-Chief & Vice President, Web of Science

Completing profiles over 2023 and 2024

We are taking a phased approach to provide transparency on the impact to JIF rankings and quartiles.

June 2022

	Science (SCIE)	Social Sciences (SSCI)	Arts & Humanities (AHCI)	Emerging Sources (ESCI)
Journal Impact Factor	✓	✓		
Journal Citation Indicator	✓	✓	✓	✓
Citation Distribution	✓	✓		
Category Ranking by JIF	✓	✓		
JIF Quartile	✓	✓		

June 2023

Journal Impact Factor	✓	✓	✓	✓
Journal Citation Indicator	✓	✓	✓	✓
Citation Distribution	✓	✓	✓	✓
Category Ranking by JIF	✓	✓		
JIF Quartile	✓	✓		

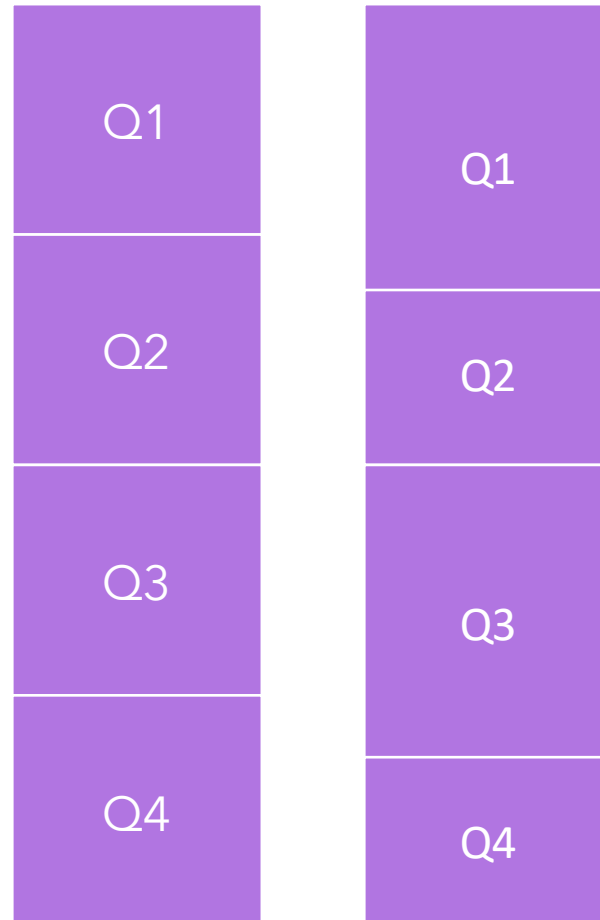
June 2024

Journal Impact Factor	✓	✓	✓	✓
Journal Citation Indicator	✓	✓	✓	✓
Citation Distribution	✓	✓	✓	✓
Category Ranking by JIF	✓	✓	✓	✓
JIF Quartile	✓	✓	✓	✓

Change in display of decimal places in JIF will create more ties in rank and may impact the quartiles

JIF display to 3 decimal places [before]

- No ties in rank
- **Number of rank positions is equal to the number of journals**
- JIF quartiles are evenly sized by number of rank positions
- **JIF quartiles are evenly sized by number of journals**



JIF display to 1 decimal place [June 2023]

- Introduction of ties in rank (i.e., multiple journals with the same JIF)
- **Number of rank positions is not equal to the number of journals**
- JIF quartiles are evenly sized by number of rank positions
- **JIF quartiles are not evenly sized by number of journals**

NOTE: Height of bar is representative of the number of journals in each JIF quartile



JCR integrations across Clarivate

Connecting JCR metrics for broader use

Web of Science™ Journals API

The Journals API complements our suite of RESTful Web of Science APIs to provide complete journal metadata and metrics from the Journal Citation Reports

Publication metadata

- Web of Science Starter API** Support search and data integration using limited Web of Science data re- turned as JSON or XML
- Web of Science API Expanded** Support search and data integration using full Web of Science data re- turned as JSON or XML

Publication metrics

- InCites API** Support bibliometric analysis and integration of document- level metrics

Journal metadata/metrics

- Web of Science Journals API** Support bibliometric analysis and integration of journal-level metrics

Researcher metadata/metrics

- Web of Science Researcher API** Support bibliometric analysis and integration of researcher profile data

Coverage

21,000 + journals covered*

Includes the sciences (SCIE), social sciences (SSCI), arts & humanities (AHCI) and emerging sources (ESCI)

A wide array of journal metrics and descriptive data, including

- Journal Impact Factor™
- Journal Citation Indicator
- Journal name & ISSN/eiSSN
- Category and rank
- Total cites
- Immediacy Index
- 5-year JIF
- JIF quartile
- Average JIF percentile
- Eigenfactor and Article Influence score
- Cited/citing half-life
- Citable items
- Open access
- Source data counts

Example use cases

- Integrate with internal systems**
For example, to pass Journal Impact Factors (JIFs) and Journal Citation Indicators (JCIs) to journal web pages
- Bibliometric studies**
Access and retrieve core journal metrics for entire categories of groups and journal to include in analyses

API usage

Journal	<ul style="list-style-type: none">Query for all journals or by journal IDGET cited and citing journalsGET journal metrics
Category	<ul style="list-style-type: none">Query for all categories or by category IDGET cited and citing categoriesGET category metrics

Queries: Boolean AND/+, OR and NOT operators are supported, along with '*' wildcards. Queries can be filtered by values, ranges, and dates.

See <https://developer.clarivate.com/apis/wos-journal> for more information.

JCR metrics in Web of Science

Quickly view high level JCR metrics for a title within your Web of Science search results

The screenshot displays a search result for a journal in the Web of Science database. The interface includes the Clarivate logo at the top left, the 'Web of Science' logo, and a search bar. The journal information section lists the ISSN (0914-4835), the current publisher (MYU, SCIENTIFIC PUBLISHING DIVISION, 1-23-3-303 SENDAGI, TOKYO 113-0022, JAPAN), and research areas (Instruments & Instrumentation; Materials Science). The Web of Science categories are also listed. On the right side, two JCR metrics are highlighted: the Journal Impact Factor (0.9) and the Journal Citation Indicator (0.18), with a 'New' badge next to the latter.

Clarivate

Web of Science™ Search

Journal information

ISSN: 0914-4835

Current Publisher: MYU, SCIENTIFIC PUBLISHING DIVISION, 1-23-3-303 SENDAGI, TOKYO 113-0022, JAPAN

Journal Impact Factor: Journal Citation Reports™

Research Areas: Instruments & Instrumentation; Materials Science

Web of Science Categories: Instruments & Instrumentation; Materials Science, Multidisciplinary

0.9
Journal Impact Factor™

0.18
New Journal Citation Indicator™

Link directly to full JCR multi-dimensional profiles

Web of Science Journal Citation Reports™ (JCR) Metrics on ProQuest Platform

Reference JCR metrics of a title for confident decision-making during the point of need for teaching, learning, and research.

The screenshot shows the ProQuest interface with a search result for 'European Journal of Nuclear Medicine and Molecular Imaging'. A 'PUBLICATION DETAILS' modal is open, displaying the journal's cover and key metrics. Two boxes highlight the metrics: a red box for the Journal Impact Factor (10.1) and a purple box for the Journal Citation Indicator (2.33). Below these boxes are instructions on when to display each metric: 'Display for mutual customers' for JIF and 'Display for all PQP users' for JCI. A 'Browse publication' button is also visible.

JOURNAL IMPACT FACTOR
10.1
Use this to help evaluate the citation impact of this journal.
[View on Journal Citation Reports](#)

JOURNAL CITATION INDICATOR
2.33
The citation impact of this journal compared to the average journal (1.0) in the same category.
[What's this?](#)

Display for mutual customers *Display for all PQP users*

[Browse publication](#)

WoS Journal metrics integrated into ProQuest Platform

Helps users assess the world's leading journals with publisher-neutral data

Gain insight into publications and documents to make informed, confident decisions at the point of user need

- **Journal Impact Factor (JIF)** displays *only for mutual customers*
- **Journal Citation Indicator (JCI)** displays *for all users*

Link directly to JCR profiles to gain a robust view of a journal's performance, audience, and relationships with other journals.

Integrando recursos para ayudar a los bibliotecarios en sus flujos de trabajo

Información para una gestión de las colecciones más precisa y eficaz



Journal Citation Reports™

- Comprende, desde la interfaz Alma, el papel y la influencia de una revista de *Web of Science* dentro de la comunidad mundial de investigación
- El rango y los cuartiles del *Journal Citation Indicator* que se muestran en Alma proporcionan una medida normalizada en el contexto de la disciplina
- Enlaza a los perfiles multidimensionales que se encuentran en *Journal Citation Reports* desde el contenido seleccionado dentro de Alma

Integración entre Alma y el *Journal Citation Reports* (JCR)

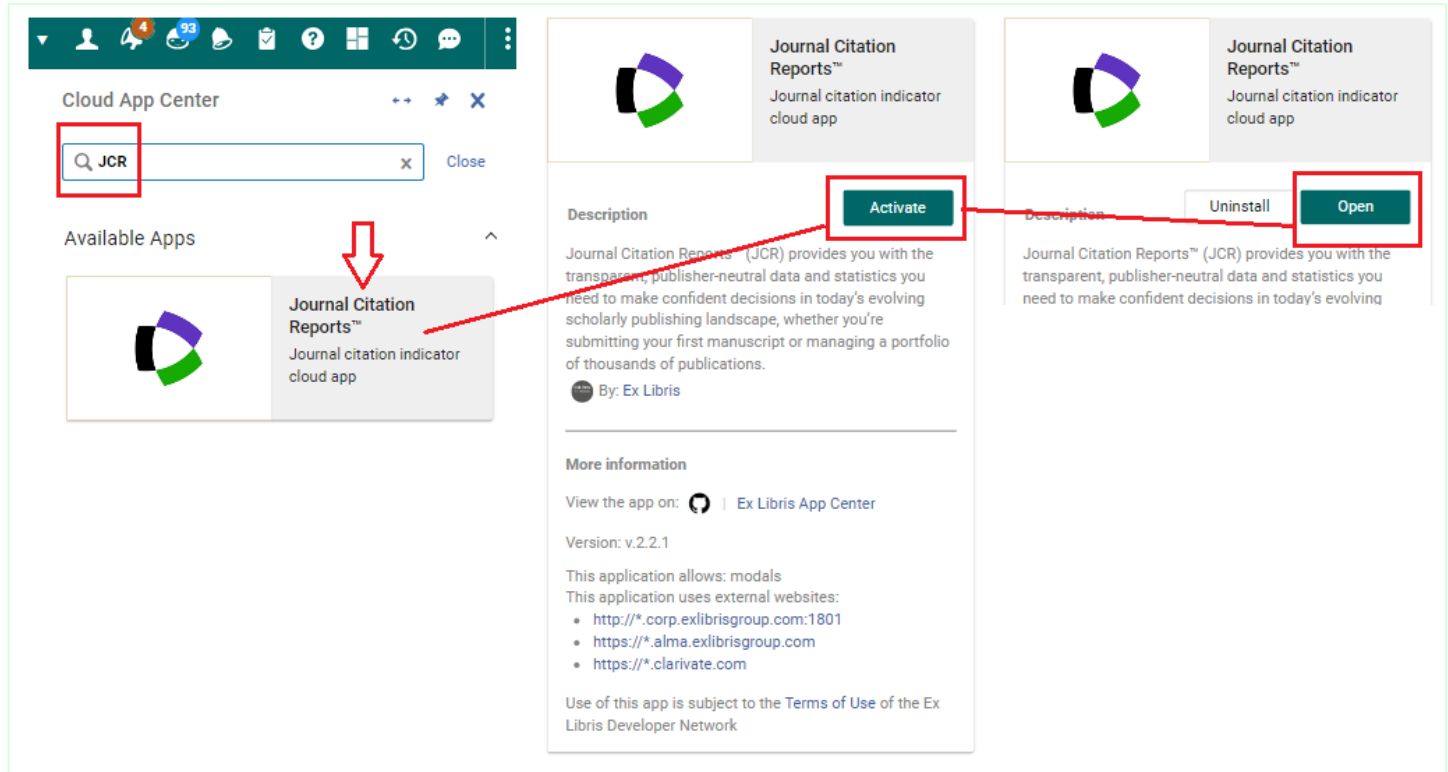
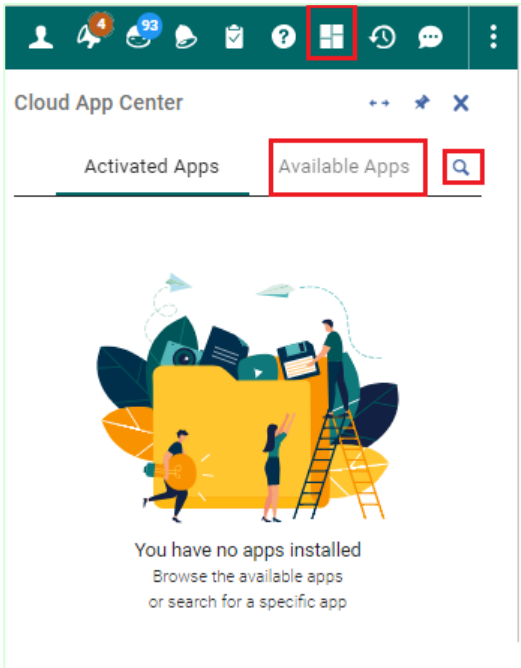
The screenshot displays the Alma library interface with search results for 'nanotechnology'. A pop-up window titled 'Journal Citation Reports™' is overlaid on the right side, showing JCR metrics for the displayed records. The pop-up includes a 'Share data with Web of Science' toggle, a list of records, and a 'Journal Citation Indicator' section with a 2021 score of 0.65. Below this is a table with JCR Category, Rank, and Quartile.

JCR Category	Rank	Quartile
NANOSCIENCE & NANOTECHNOLOGY	62/138	Q2
PHYSICS, APPLIED	61/178	Q2
MATERIALS SCIENCE, MULTIDISCIPLINARY	175/414	Q2

Source: Journal Citation Reports™ 2021

Esta aplicación integra el *Journal Citation Reports* (JCR), ofreciendo el ranking de las revistas de *Web of Science* para todos los usuarios de Alma

Cómo integrar el JCR en Alma



Paso 1:

Descargar la aplicación JCR desde el Cloud App Center de Alma



Paso 2:

Activar y abrir la aplicación JCR

Visualización de las métricas de JCR en Alma



The screenshot displays the Alma interface for "Electronic Titles (1 - 50 of 1,027)" in the "chemistry" category. The main list shows five titles with their respective details:

- 1. **European food research & technology**: Journal by EUCHEMIS (Association), Division of Food Chemistry (Berlin: Springer-Verlag, Vol. 203, no. 1 (May 1999)). Subject: Food-Periodicals, Food-Analysis-Periodicals, Food, and others. Modification Date: 01/26/2020 20:22. Creation Date: 09/11/2011 10:34. Electronic (5).
- 2. **Chemical engineering [electronic resource]**: Journal (Albany, N.Y.: McGraw-Hill Pub. Co Began with v. 53, no. 8 in Aug. 1946). Subject: Metallurgy-Periodicals, Chemistry, Technical-Periodicals, Electrochemistry-Periodicals. Modification Date: 01/15/2021 19:39. Creation Date: 02/26/2012 24:00. Electronic (9).
- 3. **The chemist and druggist**: Journal (London: Publisher of Chemist & Druggist Began in 1809). Subject: Pharmacy-Periodicals, Pharmacy-Great Britain-Periodicals, Drug Industry, and others. Modification Date: 02/09/2021 10:55. Creation Date: 02/25/2012 23:15. Electronic (13).
- 4. **Chemical engineering progress [electronic resource]**: Journal by American Institute of Chemical Engineers. (New York, NY: American Institute of Chemical Engineers Print began with vol. 43, no. 1 (Jan. 1947)). Subject: Chemical engineering-Periodicals, Chemistry, Technical-Periodicals, Génie chimique-Periodiques. Modification Date: 04/16/2019 20:05. Creation Date: 02/26/2012 24:19. Electronic (4).
- 5. **Chemicals & chemistry business**: Journal (Atlanta, GA : NewsRX Began with Jan. 2008). Subject: Electronic journals, Periodicals. Modification Date: 10/28/2020 15:13. Creation Date: 02/26/2012 24:43.

A side panel titled "Journal Citation Reports™" is open on the right, showing a list of 13 JCR metrics. The first two metrics are highlighted with green boxes and connected to the first two titles in the main list by green lines:

- 1. European food research & technology, EuCheMIS (Association), Division of Food Chemistry. (1438-2377). Available.
- 2. Chemical engineering [electronic resource], (0009-2460). Available.
- 3. The chemist and druggist. (0009-3033). No measure found.
- 4. Chemical engineering progress [electronic resource], American Institute of Chemical Engineers. (0360-7275). No measure found.
- 5. Chemicals & chemistry business. (1945-0941). No measure found.
- 6. Chem.info. (0009-2525). No measure found.
- 7. Performance chemicals Europe : PCE.
- 8. Rubber chemistry and technology [electronic resource], American Chemical Society, Division of Rubber Chemistry. (0035-9475). Available.
- 9. Chemical Week (0009-272X). Available.
- 10. African journal of pure and applied chemistry.
- 11. Journal of Environmental Chemistry and Ecotoxicology.
- 12. JCR biochemical physics.
- 13. Journal of chemical physics, American Institute of

Visualización de las métricas de JCR en Alma

Journal Citation Reports™

Share data with Web of Science

JCR metrics available for the displayed records in Web of Science:

1. European food research & technology, EuCheMS (Association). Division of Food Chemistry. (1438-2377)
✓ Available
2. Chemical engineering [electronic resource]. (0009-2460)
✓ Available
3. The chemist and druggist (0009-3033)

Journal Citation Reports™

Share data with Web of Science

JCR metrics available for the displayed records in Web of Science:

1. European food research & technology, EuCheMS (Association). Division of Food Chemistry. (1438-2377)
✓ Available

Journal Citation Indicator

2022
0.7

JCR Category	Rank	Quartile
FOOD SCIENCE & TECHNOLOGY	61/169	Q2

Source : Journal Citation Reports™ 2022

More resources for editors & publishers

[Web of Science Editorial page](#)

- Learn more about selection and criteria
- For journals, books and proceedings
- How to submit

[Web of Science Open House for Publishers and Journal Editors](#)

- One session per quarter posted in our [Live Training Calendar](#)

[JCR Learning Portal](#)

- Download JCR reference guide
- Short videos

[Contact emails](#)

- General questions : wosg.support@clarivate.com
- Publisher questions (including journal selection):
Editorial.Relations@clarivate.com

[Journal Citation Reports 2023 badge](#)