



Journal Citation Reports

User guide

August 2022



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.

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- Calculation of the Journal Impact Factor [page 26](#)
- Understand percentiles, quartiles and other metrics [page 30](#)
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Web of Science platform content

Gain a comprehensive view of worldwide research across the sciences, social sciences, and arts & humanities



34,000+

Journals across the platform

101 million

Patents for over 50 million inventions

21,000+

Total journals in the *Core Collection*

13 million+

Data Sets and Data Studies

2 billion+

Cited references

Backfiles to 1900

With cover-to-cover indexing

184 million+

Records

227,000+

Conference proceedings

17 million +

Records with funding data

128,000+

Books

Web of Science Core Collection

Science Citation Index Expanded

Social Sciences Citation Index

Arts & Humanities Citation Index

Emerging Sources Citation Index

Conference Proceedings Citation Index

Book Citation Index

[More information about Core
Collection citation indexes](#)

Research with confidence using a publisher-neutral citation index



**21,000+ journals
indexed cover-to-cover**

- Multidisciplinary
- International
- Influential



**Unbiased journal
selection and curation**



**Powerful citation
network with complete
cited reference search,
cited reference linking
and navigation**



**Source data for
Journal Impact Factor**

[Master Journal List](#)

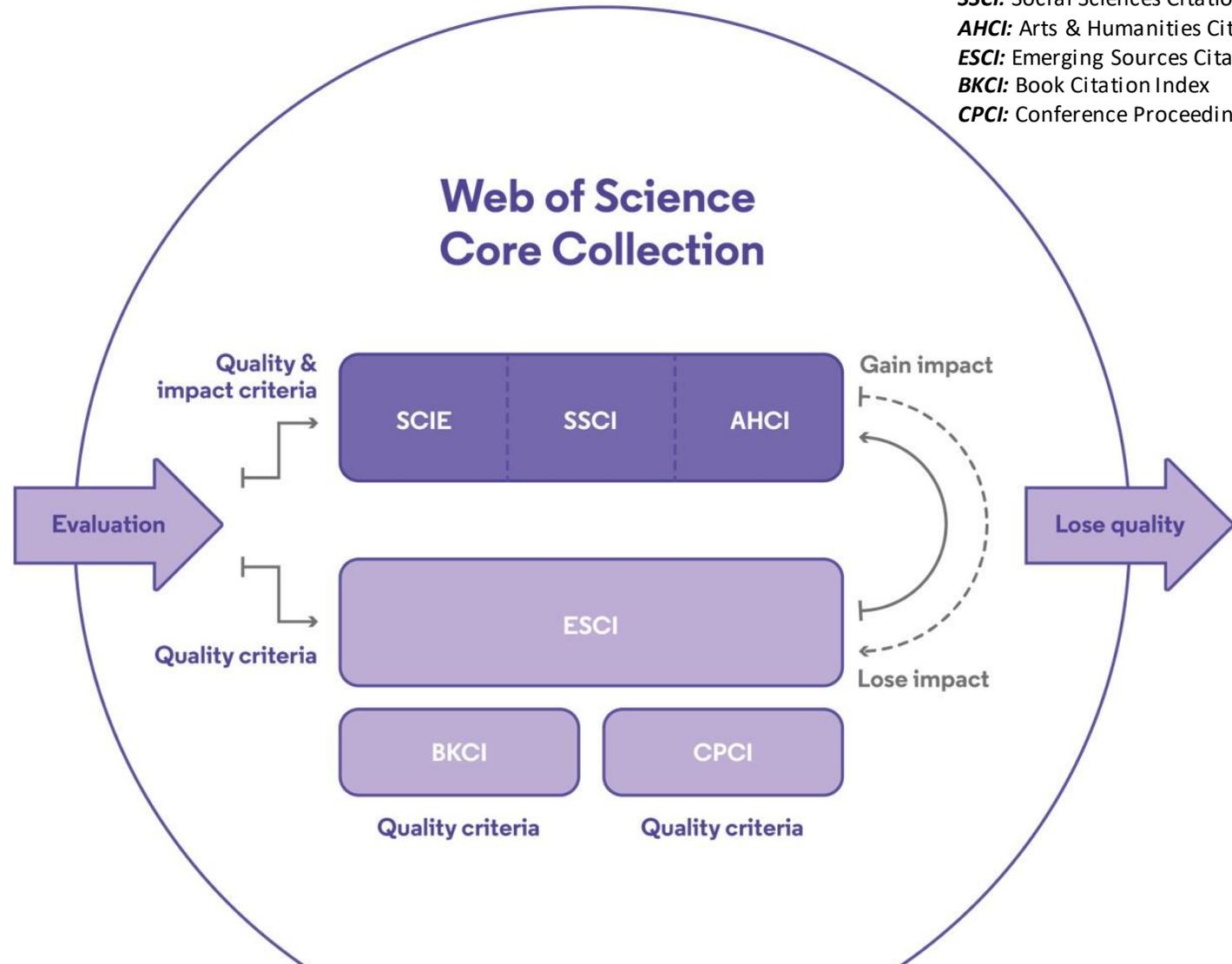
The Web of Science™ Journal Evaluation Process and Selection Criteria

28
selection criteria in total

24
quality criteria to select for
editorial rigor and publishing
best practice

4
impact criteria to select for the
most impactful journals

SCIE: Science Citation Index Expanded
SSCI: Social Sciences Citation Index
AHCI: Arts & Humanities Citation Index
ESCI: Emerging Sources Citation Index
BKCI: Book Citation Index
CPCI: Conference Proceedings Citation Index



**Only journals in the Science and Social Sciences indexes
have an impact factor**

Editorial integrity

Research with confidence using a **publisher-neutral** citation index



Publisher neutral

Our in-house experts, who have no affiliations to publishers or research institutes, select the journals in the Core Collection to provide you with a data set of the world's leading research publications that is free of potential industry bias or conflict of interest.



In-house curation

Rigorous curation processes ensure that journals are correctly classified into the appropriate subject categories so that your statistical reporting and analyses are accurate, unlike databases that rely on algorithmic approaches or occasional outside review.



Vetted OA content

Access over 13 million open access papers—including green OA—from reputable journals that have been vetted against our 28 evaluation criteria for quality and impact. Easily determine which fields are well covered by this material so that you can reserve your budget for only the most critical gaps.

-
- ✓ Find what you need more quickly
 - ✓ Make high stakes decisions about resource allocation and people with data that is independent of bias

[More information](#)

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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

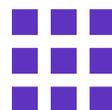
3 journals suppressed in the 2022 release



5,300 Gold Open Access journals



114 countries worldwide



254 research categories

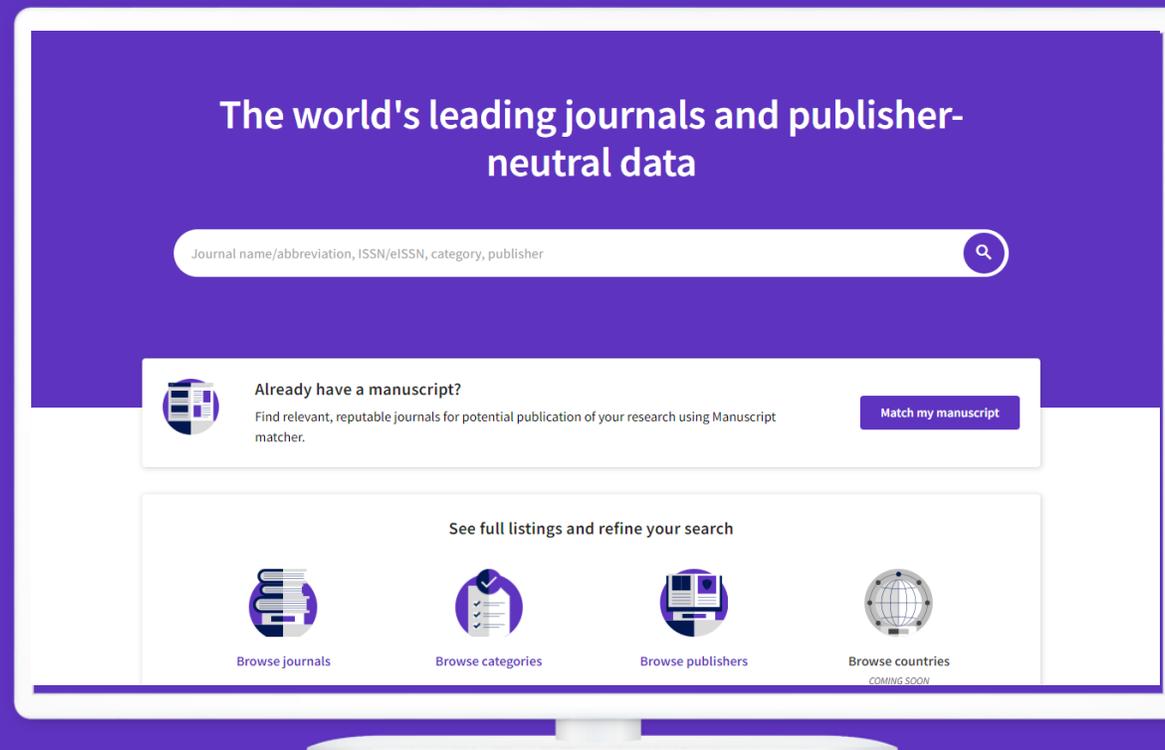
Navigate complex data with ease

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.



For more information

**Journal Citation Reports 2022:
COVID-19 research continues to
drive increased citation impact**



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

[See the announcement](#)



Journal Citation Reports™: Reference Guide

June 2022

Journal Citation Reports

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The screenshot shows the JCR website interface. At the top left is the 'Journal Citation Reports™' logo. To its right is a navigation menu with 'Journals', 'Categories', 'Publishers', and 'Countries/Regions'. A 'Browse' button is positioned to the right of this menu. On the far right of the top navigation bar, there is a 'My favorites' link and a user profile for 'Anne Delgado'. The main content area has a purple background with the text 'The world's leading journals and publisher-neutral data'. Below this is a search bar with the placeholder text 'Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region' and a 'Quick search' button. A callout box on the right side of the search bar says 'Sign in and personalize your experience'. Below the search bar is a white box with the heading 'Already have a manuscript?' and a 'Match my manuscript' button. At the bottom, there is a white box with the heading 'See full listings and refine your search by' and four icons representing 'Journals', 'Categories', 'Publishers', and 'Countries/Regions'.

Browse journals

Registered users can customize and save their preferred indicators as their default, for quicker assessments.

Filters appear as a pop out panel to allow drilling down without impacting the display area.

21,428 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region

Indicators: Anne

Export

Customize

Journal name	ISSN	eISSN	Category	2021 JIF	JIF Quartile	2021 JCI	% of OA Gold	JIF Without Self Cites	JIF Percentile
<input type="checkbox"/> CA-A CANCER JOURNAL FOR CLINICIANS	0007-9235	1542-4863	ONCOLOGY - SCIE	286.130	Q1	76.09	98.80 %	285.500	99.80
<input type="checkbox"/> LANCET	0140-6736	1474-547X	MEDICINE, GENERAL & INTERNAL - SCIE	202.731	Q1	21.81	22.12 %	201.484	99.7
<input type="checkbox"/> NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	1533-4406	MEDICINE, GENERAL & INTERNAL - SCIE	176.079	Q1	22.26	0.00 %	175.310	99.1
<input type="checkbox"/> JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	0098-7484	1538-3598	MEDICINE, GENERAL & INTERNAL - SCIE	157.335	Q1	10.32	1.49 %	156.343	98.5

Filter

- Journals (27,745)
- Categories (254)
- Publishers (8,321)
- Country / region (121)
- Citation Indexes
 - JCR Year
 - Open Access
- JIF Quartile
- JIF Range
- JCI Range
- JIF Percentile

Reset Apply

Impact Metrics

Metrics focused on the citation impact of the journals.

- Total Citations
- 2021 JIF
- JIF Rank
- 5 Year JIF
- JIF Without Self Cites
- Immediacy Index

Normalized Metrics

Metrics that have been adjusted mathematically to a particular context.

- 2021 JCI
- JCI Rank
- JCI Percentile
- Eigenfactor
- Normalized Eigenfactor
- Article Influence Score
- JIF Percentile
- JIF Quartile
- AIS Quartile

Source Metrics

Metrics based on the content of the journals.

- Citable Items
- % of Articles in Citable items
- Cited Half-Life
- Citing Half-Life
- Total Articles
- % of OA Gold

Name your indicators

Custom indicators

Save Anne Apply

Journal profile

In a single page

Journal titles are displayed as a single entity, even if the given journal is covered in different editions of the Web of Science Core Collection™ or, over time, has changed its ISSN/EISSN.

JCR YEAR
2021

NURSING ETHICS

ISSN
0969-7330

EISSN
1477-0989

JCR ABBREVIATION
NURS ETHICS

ISO ABBREVIATION
Nurs. Ethics

Journal information

EDITION
Social Sciences Citation Index (SSCI) Science Citation Index Expanded (SCIE)

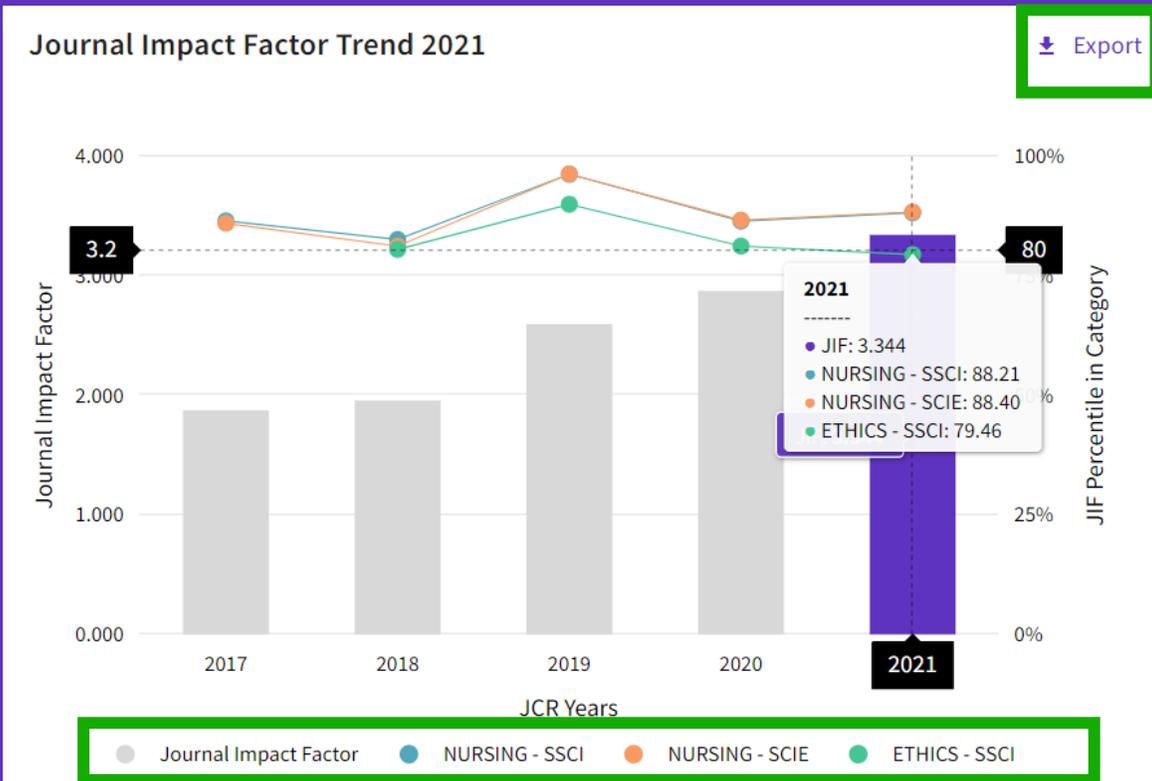
CATEGORY
ETHICS - SSCI NURSING - SCIE
NURSING - SSCI

LANGUAGES REGION 1ST ELECTRONIC JCR YEAR
English ENGLAND 1997

Publisher information

PUBLISHER ADDRESS PUBLICATION FREQUENCY
SAGE PUBLICATIONS LTD 1 OLIVERS YARD, 55 CITY ROAD, LONDON EC1Y 1SP, ENGLAND 8 issues/year

Draw better informed conclusions about a journal performance



Assess journal performance in context with ready-made visualizations that show a journal's rank and performance over time:

- See whether a journal's JIF is growing or declining
- Determine how the journal's JIF ranks it in comparison to other journals in its subject category or categories

Hover over interactive chart, with clickable show/hide series. The chart has a zoom slider to allow focusing on a particular section in more detail.

Assess a journal's relevance to your research

Journal Impact Factor contributing items		Export
Citable items (366)		Citing Sources (384)
TITLE	CITATION COUNT	
Healthcare workers' stress when caring for COVID-19 patients: An altruistic perspective	34	▼
What is 'moral distress'? A narrative synthesis of the literature	28	🔒 ▼
Self-care strategies in response to nurses' moral injury during COVID-19 pandemic	23	🔒 ▼
Compassion fatigue in healthcare providers: A systematic meta-analysis		
Nurses' ethical challenges caring for people with COVID-19: A qualitative study	21	🔒 ▼
Nurses experiences of ethical dilemmas: A review	18	▼
What is 'moral distress' in nursing? A feminist empirical bioethics study	17	🔒 ▼

Expand each citable item or citing source and View in Web of Science

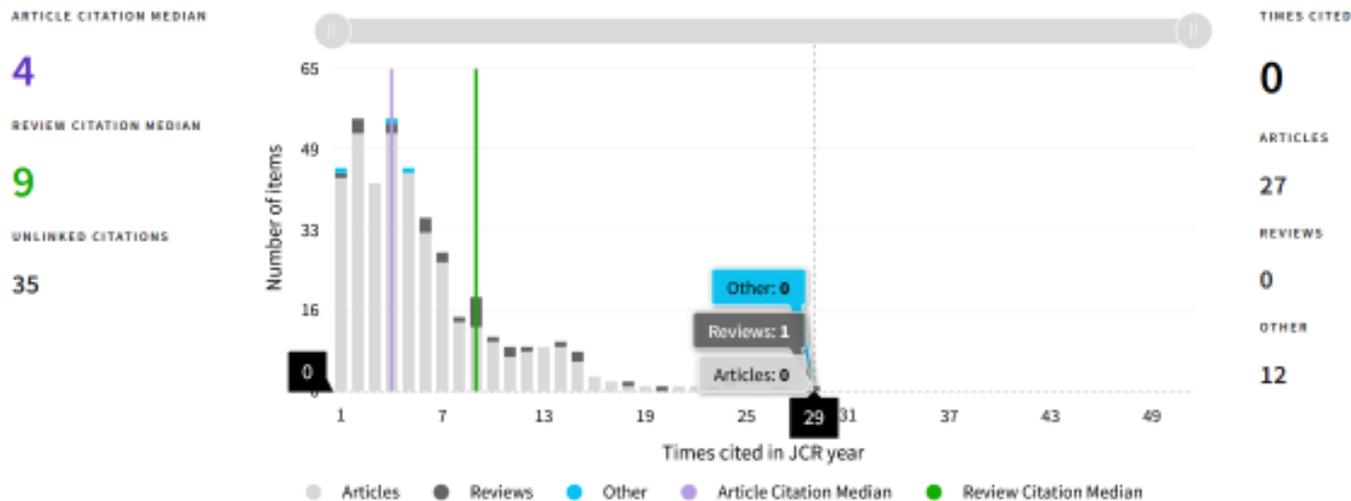
- Determine whether your manuscript is a good topical fit for a journal
- Quickly identify your institution's contribution to a journal's JIF by clicking through to analyze its citable items in the Web of Science Core Collection

Help your institution conduct research evaluation more responsibly

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 descriptions for each data point, and an interactive legend where each data element's legend can be used as a toggle. You can view Articles, Reviews, or Non-Citable (other) items to the JIF numerator. [Learn more](#)



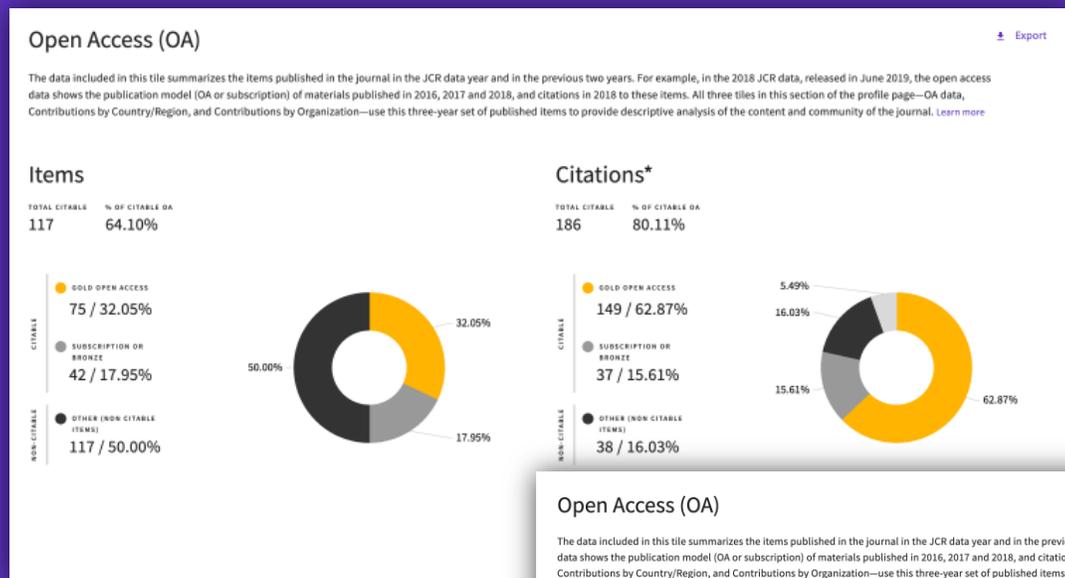
- Recognize the extent to which outlier papers may be driving a journal's JIF
- See the difference between paper versus journal level citations
- Understand how citation rates vary for articles versus reviews

Interact with the graph:

- Hover to see values
- Click items in the legend to include/exclude
- Zoom in with the slider

Make confident decisions about your open access strategy

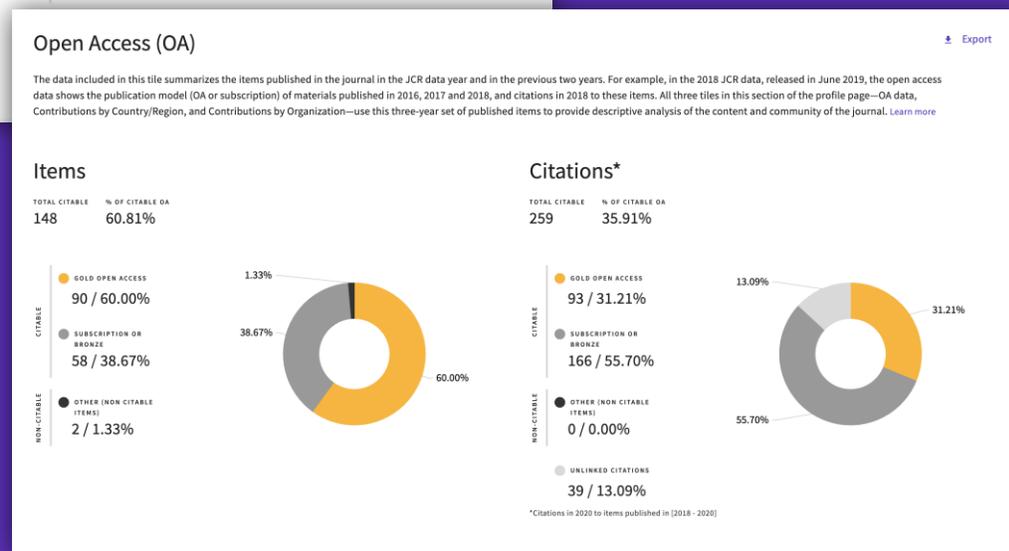
Transparent open access data in the JCR



Example 1: 32% of open access publications get 63% 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

Example 2: 60% of open access publications get 31% of the citations



- Make data driven decisions about your organization's open access policies

Intuitive ranking

Compare JIFs in all categories, side by side

This journal is listed in Nursing-SCIE and Nursing-SSCI. In SCIE it is a Q3 journal but a Q2 in SSCI. With this new UI, it is easier to understand how the context of the category affects the rank, quartile and percentile across different categories

Rank by Journal Impact Factor

Journals of a category are sorted by Journal Impact Factor resulting in the Category Ranking below. This is presented by year in descending order for each category in which the journal is ranked in JCR.

[Learn more](#)

EDITION

Science Citation Index Expanded (SCIE)

CATEGORY

NURSING

63/124

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2020	63/124	Q3	49.60	
2019	99/123	Q4	19.92	
2018	104/120	Q4	13.75	
2017	110/118	Q4	7.20	
2016	94/116	Q4	19.40	

EDITION

Social Sciences Citation Index (SSCI)

CATEGORY

NURSING

61/122

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2020	61/122	Q2	50.41	
2019	97/121	Q4	20.25	
2018	102/118	Q4	13.98	
2017	107/115	Q4	7.39	
2016	91/114	Q4	20.61	

The **Journal Citation Indicator (JCI)** is designed to *complement* the **Journal Impact Factor (JIF)** and other metrics currently used in the research community.

As this example shows, the two are not the same.

Explore several angles of a journal's development with the wide range of metrics in Journal Citation Reports.

Rank by Journal Impact Factor

Journals of a category are sorted by Journal Impact Factor resulting in the Category Ranking below. This is presented by year in descending order for each category in which the journal is ranked in JCR. [Learn more](#)

EDITION Science Citation Index Expanded (SCIE)					EDITION Science Citation Index Expanded (SCIE)				
CATEGORY COMPUTER SCIENCE, INFORMATION SYSTEMS 90/162					CATEGORY TELECOMMUNICATIONS 52/91				
JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE		JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2020	90/162	Q3	44.75	<div style="width: 44.75%;"></div>	2020	52/91	Q3	43.41	<div style="width: 43.41%;"></div>
2019	72/156	Q2	54.17	<div style="width: 54.17%;"></div>	2019	43/90	Q2	52.78	<div style="width: 52.78%;"></div>
2018	69/155	Q2	55.81	<div style="width: 55.81%;"></div>	2018	40/88	Q2	55.11	<div style="width: 55.11%;"></div>
2017	63/148	Q2	57.77	<div style="width: 57.77%;"></div>	2017	41/87	Q2	53.45	<div style="width: 53.45%;"></div>
2016	85/146	Q3	42.12	<div style="width: 42.12%;"></div>	2016	50/89	Q3	44.38	<div style="width: 44.38%;"></div>

Rank by Journal Citation Indicator (JCI)

Category ranking is presented by year in descending order for each category in which the journal is ranked in both the JCR and ESI. Journal Citation Indicator table also includes the Quartile and JCI Percentile for each year. [Learn more](#)

CATEGORY COMPUTER SCIENCE, INFORMATION SYSTEMS 94/223					CATEGORY TELECOMMUNICATIONS 47/105				
JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE		JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE	
2020	94/223	Q2	58.07	<div style="width: 58.07%;"></div>	2020	47/105	Q2	55.71	<div style="width: 55.71%;"></div>
2019	93/155	Q3	40.32	<div style="width: 40.32%;"></div>	2019	45/90	Q2	50.56	<div style="width: 50.56%;"></div>
2018	96/151	Q3	36.75	<div style="width: 36.75%;"></div>	2018	47/88	Q3	47.16	<div style="width: 47.16%;"></div>
2017	98/145	Q3	32.76	<div style="width: 32.76%;"></div>	2017	51/86	Q3	41.28	<div style="width: 41.28%;"></div>

Citation Network

- What depth of literature was cited in calendar year?
- Is old material still being cited?

Among the citations received by this journal, which portion is used to calculate de Journal Impact Factor?

Cited Half-life

5.9 years

The Cited Half-Life is the median age of the items in this journal that were cited in the JCR year. Half of a journal's cited items were published more recently than the cited half-life.

TOTAL NUMBER OF CITES

4,124

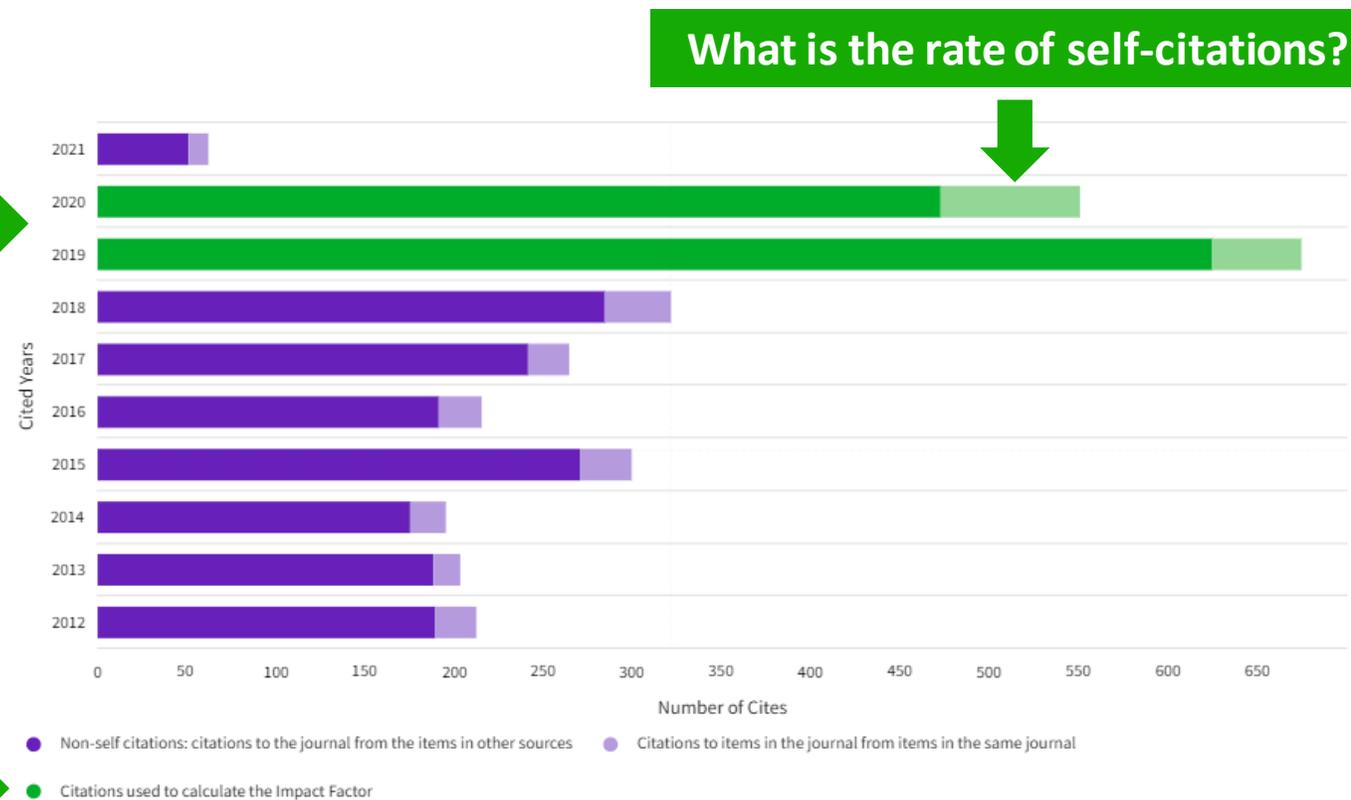
NON SELF-CITATIONS

3,729

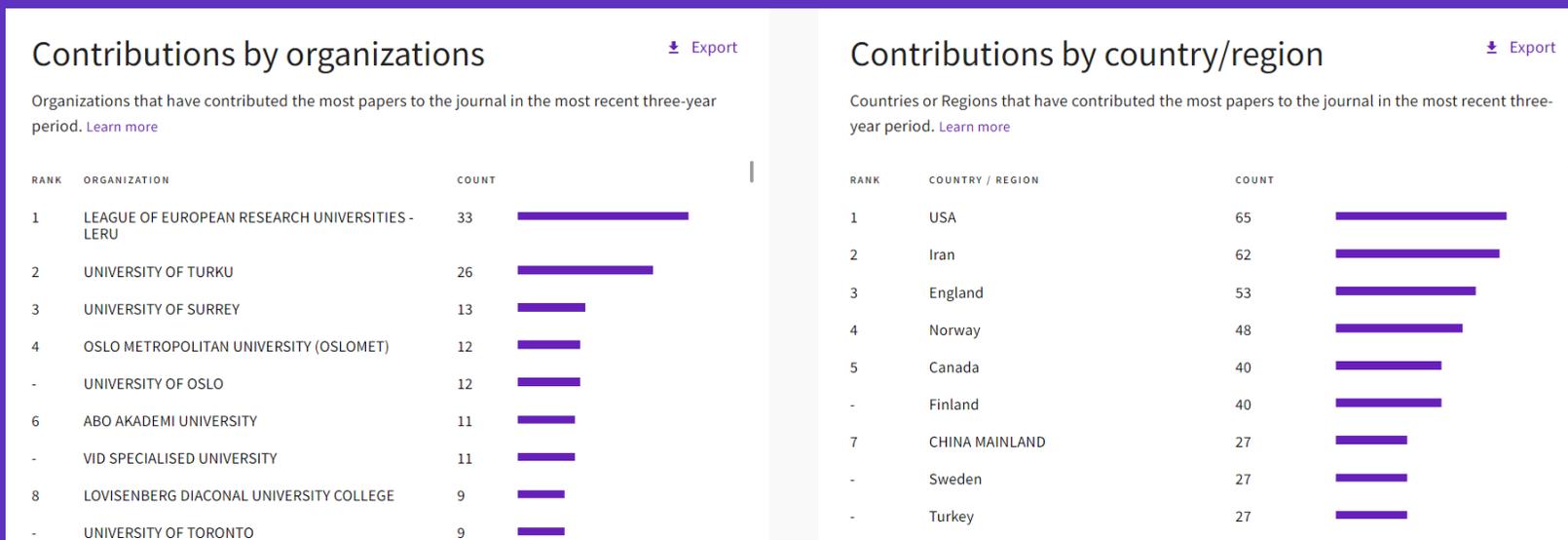
SELF-CITATIONS

395

Cited Half-life Data



Assess a journal's relevance to your research



- Understand a journal's audience by viewing the affiliations and countries of contributing authors

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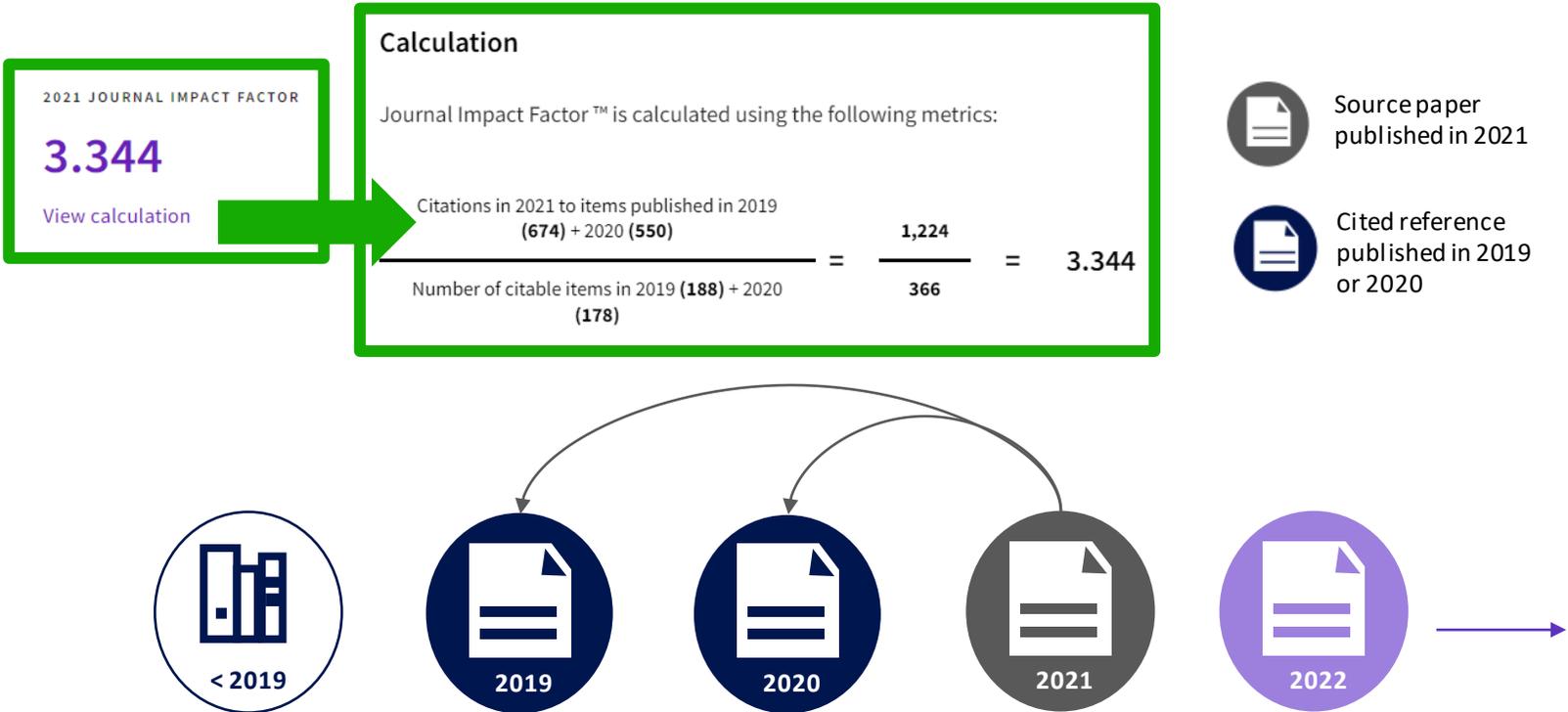
How is the JIF calculated

JIF metrics are available to all active journals in the following editions:

- Science Citation Index Expanded
- Social Science Citation Index

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 2022 release is 2021.



Calculation of the Journal Impact Factor

JIF numerator

A subset of all citations to this journal in the calendar year: citations only to items with a publication date from the prior two years.

These citations are sourced from all item types included in Web of Science Core Collection indexes:

- Science Citation Index
- Social Science Citation Index
- Arts & Humanities Citation Index
- Proceedings Citation Indexes
- Book Citation Indexes
- Emerging Sources Citation Index

Citations to all document types, even those excluded from the denominator, are included.

Calculation

Journal Impact Factor™ is calculated using the following metrics:

$$\frac{\text{Citations in 2021 to items published in 2019 (674) + 2020 (550)}}{\text{Number of citable items in 2019 (188) + 2020 (178)}} = \frac{1,224}{366} = 3.344$$

JIF denominator

Items identified in Web of Science Core Collection as Articles or Reviews are included here as citable items. These represent the size of the scholarly contributions of the journal.

Items like editorials, letters, and news items are excluded from the denominator. These serve a different communications role that is not generally reflected through scholarly citation.

The contributions of these materials to JIF is visualized in the Citation Distribution graph.

About Journal Impact Factor

The Journal Impact Factor (JIF) is a ratio which divides a journal's received citations by a count of its published articles. It's not a mathematical average, but it does provide an approximation of the mean citation rate for a typical article. For example, a JIF equal to 7 means a typical article or review from this journal has been cited about 7 times, one or two years after publication.

Why two years?

It takes time for articles to be cited, and these rates vary by field. Articles typically begin to reach a citation peak after two years in many fields. Some fields have a slower velocity and reach their peak over longer periods of time. The Five-year Journal Impact Factor may be a better choice in those categories.

Best practices when using the JIF:

- JIF values vary by discipline. What is good in one category may be very different than another.
- JIF is most useful when considered through the category percentile or quartile data which allow comparison of relative citation impact across different fields.
- JIF is a journal-level metric. It does not measure the contribution of individual papers or authors.

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254 categories for Web of Science Core Collection

Subject Categories

Every journal and book covered by *Web of Science* core collection is assigned to at least one of the following subject categories. Every record in *Web of Science* core collection contains the subject category of its source publication in the *Web of Science* **Categories** field.

[Download category list.](#)

Web of Science Core Collection Subject Categories			
Acoustics	Electrochemistry	Literature	Physics, Condensed Matter
Agricultural Economics & Policy	Emergency Medicine	Literature, African, Australian, Canadian	Physics, Fluids & Plasmas
Agricultural Engineering	Endocrinology & Metabolism	Literature, American	Physics, Mathematical
Agriculture, Dairy & Animal Science	Energy & Fuels	Literature, British Isles	Physics, Multidisciplinary
Agriculture, Multidisciplinary	Engineering, Aerospace	Literature, German, Dutch, Scandinavian	Physics, Nuclear
Agronomy	Engineering, Biomedical	Literature, Romance	Physics, Particles & Fields
Allergy	Engineering, Chemical	Literature, Slavic	Physiology
Anatomy & Morphology	Engineering, Civil	Logic	Planning & Development
Andrology	Engineering, Electrical & Electronic	Management	Plant Sciences

Journal Citation Reports

This table shows how the median Journal Impact Factor varies considerably across the different research categories. The number of journals in each category also varies.

Category ▾	Group ▾	Edition ▾	# of journals ▾	Citable Items ▾	Total Citations ▾	Median impact factor ▾
ECONOMICS	Economics & Business; Social Sciences, General	SSCI	377	27,788	1,481,467	1.911
MATERIALS SCIENCE, MULTIDISCIPLINARY	Materials Science; Multidisciplinary	SCIE	335	151,197	6,125,124	3.328
MATHEMATICS	Mathematics	SCIE	330	34,948	687,428	0.964
BIOCHEMISTRY & MOLECULAR BIOLOGY	Biology & Biochemistry; Chemistry	SCIE	298	78,973	4,915,499	3.859
PHARMACOLOGY & PHARMACY	Biology & Biochemistry; Chemistry; Clinical Medicine	SCIE	275	56,577	2,288,965	3.431
ENVIRONMENTAL SCIENCES	Biology & Biochemistry; Multidisciplinary	SCIE	274	106,255	3,549,692	3.038
NEUROSCIENCES	Biology & Biochemistry; Clinical Medicine	SCIE	273	48,234	3,100,856	3.627
ENGINEERING, ELECTRICAL & ELECTRONIC	Engineering; Materials Science; Physics	SCIE	273	100,929	2,500,024	2.484

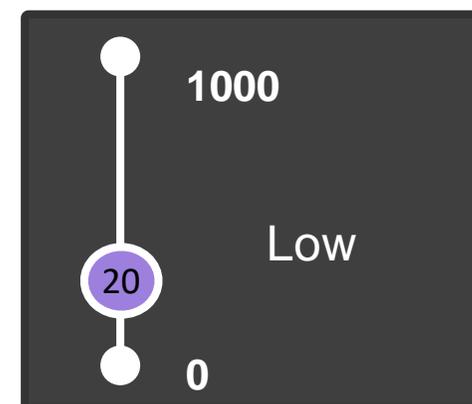
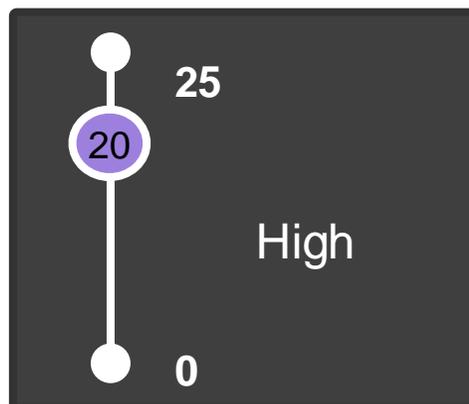
JIF is not a normalized metric because citation behavior differs across categories

Context is everything

Is the number of citations of this journal/paper high or low?



High or low?



It depends on the context (research area, publication year, document type)

Understand percentiles

The percentile of a journal determines the ranking of a journal within a Web of Science category

Journal name ▼	ISSN	eISSN	Category	2020 JIF ▼	JIF Quartile	JIF Percentile
APPLIED CATALYSIS B-ENVIRONMENTAL	0926-3373	1873-3883	ENGINEERING, ENVIRONMENTAL - SCIE	19.503	Q1	99.07
CHEMICAL ENGINEERING JOURNAL	1385-8947	1873-3212	ENGINEERING, ENVIRONMENTAL - SCIE	13.273	Q1	97.22
WATER RESEARCH	0043-1354	1879-2448	ENGINEERING, ENVIRONMENTAL - SCIE	11.236	Q1	95.37
JOURNAL OF HAZARDOUS MATERIALS	0304-3894	1873-3336	ENGINEERING, ENVIRONMENTAL - SCIE	10.588	Q1	93.52
RESOURCES CONSERVATION AND RECYCLING	0921-3449	1879-0658	ENGINEERING, ENVIRONMENTAL - SCIE	10.204	Q1	91.67

The journal with the highest JIF within a category has the highest percentile and is ranked as 1

How are quartiles calculated?

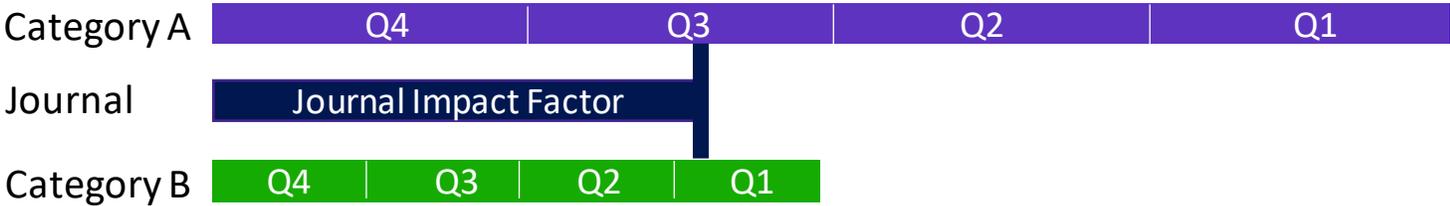
Q1	$0.0 < Z \leq 0.25$	Highest ranked journals in a category
Q2	$0.25 < Z \leq 0.5$	
Q3	$0.5 < Z \leq 0.75$	
Q4	$0.75 < Z$	Lowest ranked journals in a category

X = the journal rank in category
 Y = the number of journals in the category

$$Z = X/Y$$

[Link to the details behind quartile, percentile & other metrics calculation](#)

A journal can be indexed in 2 categories and have a different percentile & quartile in each of the categories



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What is category normalization?

Citation counts tell an important story, but they can be affected by certain publication characteristics. It's important to view these counts in an appropriate context. Normalization is the process of putting a citation count into context by showing you how a paper or a group of papers performs relative to papers that are similar in age, topic and type. The Journal Citation Indicator normalizes for three variables:

Citation counts for each individual Article & Review...



are compared to others with the same:

Category

Publication Year

Document Type

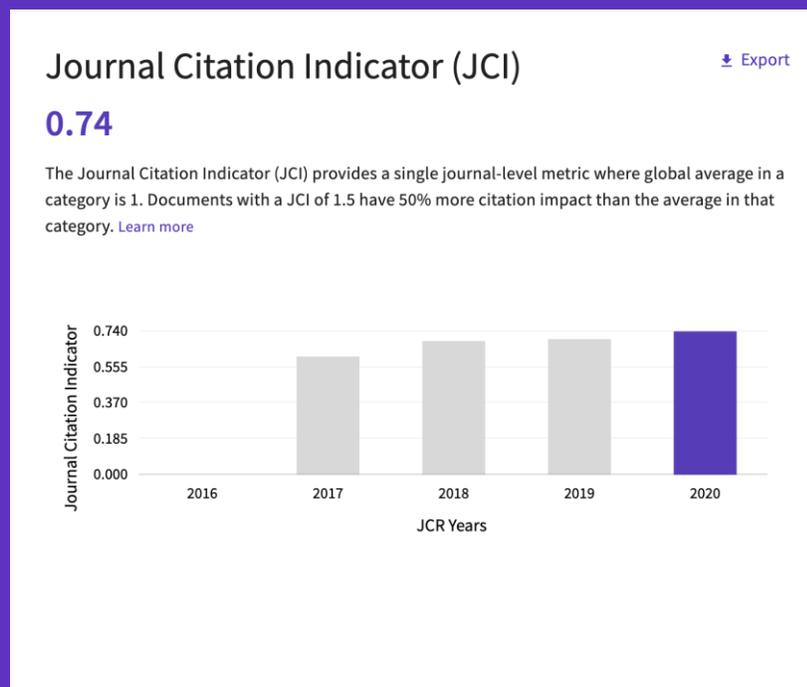
How does a paper's actual citation count compare with those in its peer group? This is Category Normalized Citation Impact.

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.

For each article and review:

$$\text{Category Normalized Citation Impact (CNCI)} = \frac{\text{Actual citations}}{\text{Expected citations}}$$

Expected citations = Average cites to items of the same document type, year, and category

How is the Journal Citation Indicator calculated

The Journal Citation indicator is available to all journals in the following editions:

- Science Citation Index Expanded
- Social Science Citation Index
- Arts & Humanities Citation Index
- Emerging Sources Citation Index

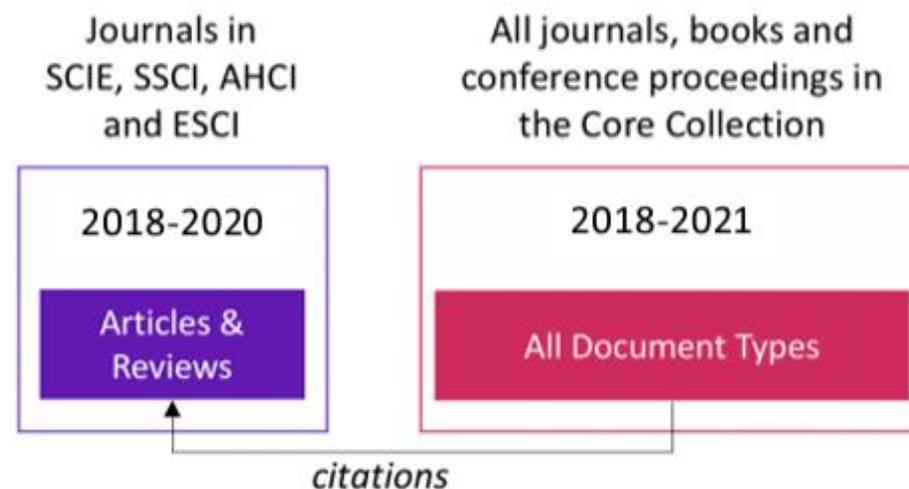
More Information:

[Introduction to the Journal Citation Indicator Category Normalized Citation Impact](#)

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 2021 Journal Citation Indicator will be calculated for journals that published citable items (i.e., articles or reviews) in 2018, 2019 and 2020, counting all citations they received from any document indexed between 2018 and 2021.

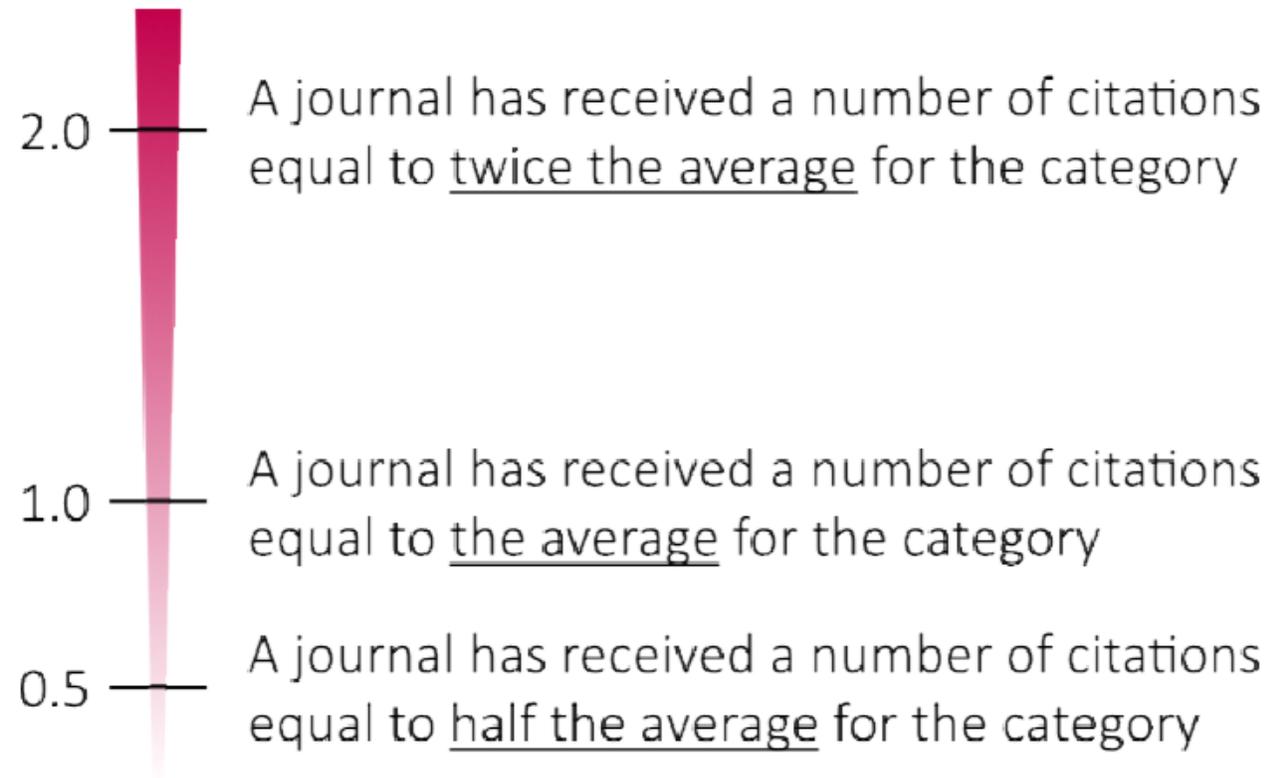
The value of the Journal Citation Indicator is the mean Category Normalized Citation Impact (CNCI) for all articles and reviews published in the most recent three years (e.g., between 2018 and 2020 for the 2021 indicator value).



Interpreting the Journal Citation Indicator

- A normalized ratio for easier comparisons
- While JCI=1 is the average* for the category, most journals will have a JCI < 1

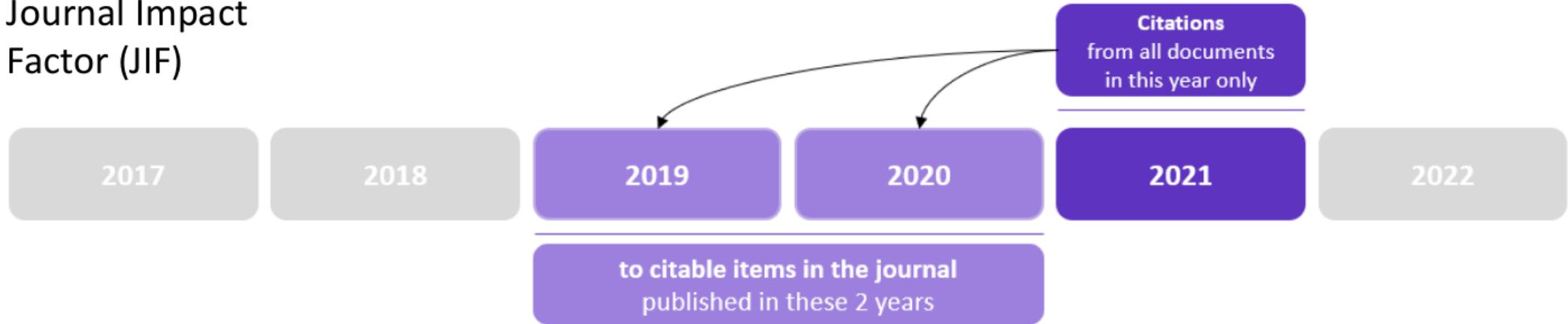
*in practice, owing to the calculation the average will be slightly less than 1.



JIF versus JCI

These are complementary, but also different metrics

Journal Impact Factor (JIF)



Journal Citation Impact (JCI)



New metric, new context

Read the full details
on the JCI [here](#).

The **Journal Citation Indicator** is a field-normalized metric that is calculated for all journals in the Web of Science Core Collection.

Understanding normalization

This is effectively a process to ensure *like* is compared with like and to produce metrics that can be more effectively compared. CNCIs are calculated for each document and the JCI as the average.

Document type

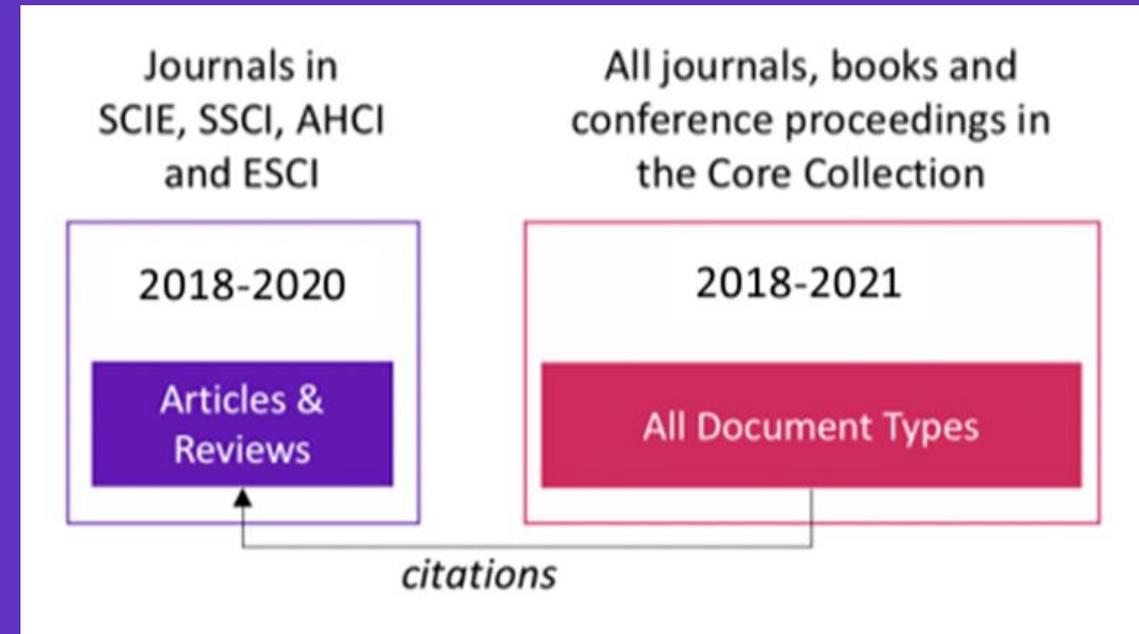
Reviews are only compared with reviews, articles with articles

Publication year

Documents are only compared with documents published in the same year

Subject category

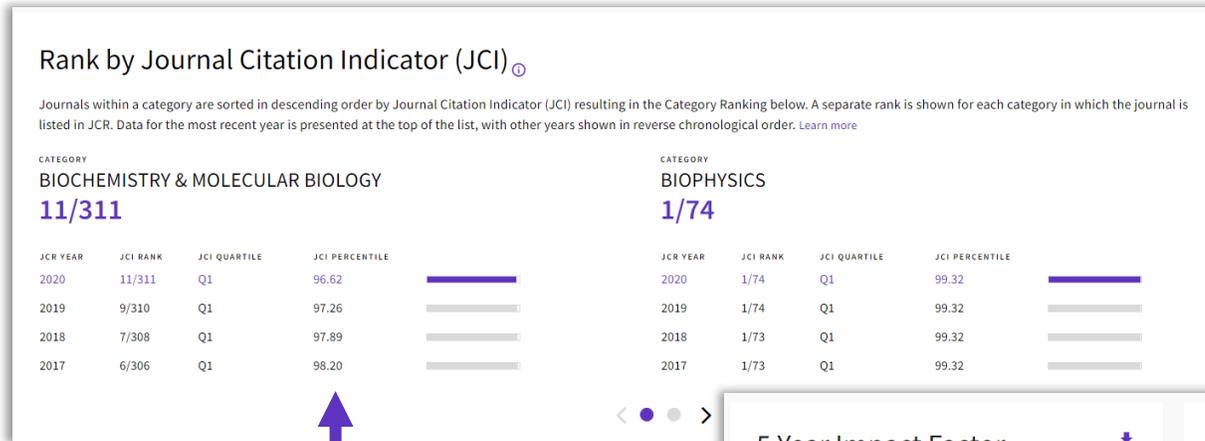
Documents are only compared with documents published in the same category. For documents in multiple categories, the mean of the normalized citation impact for each category is calculated



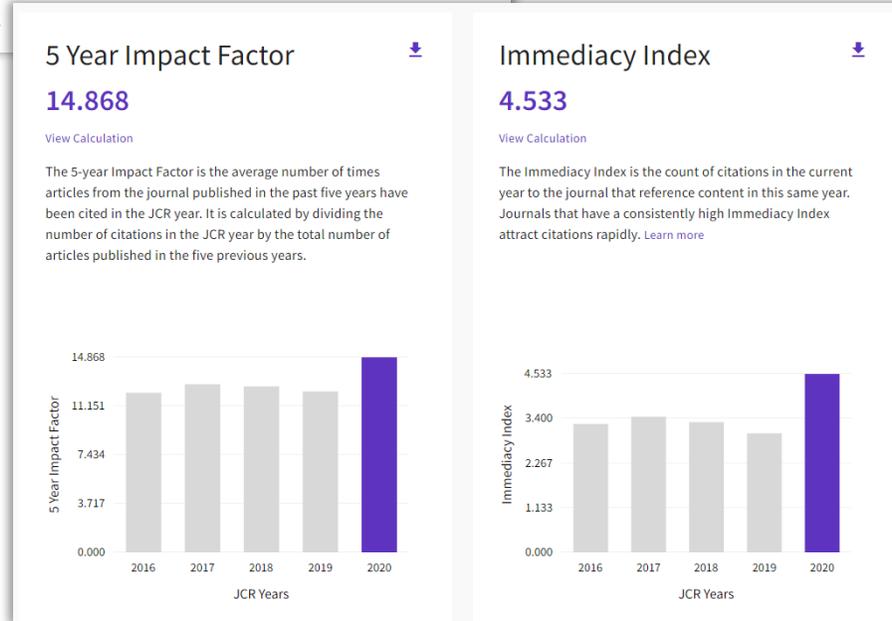
The JCI's calculation on **three years of publications**, contrasts with the two-year window employed for the JIF.

This three-year calculation enables the JCI to be as current as possible, while also allowing more time for publications to accrue citations.

Gain a multidimensional view of journal impact and influence



Rank by JCI includes the rank in each category, as well as the quartile and percentile performance based on the journal's JCI value.



- 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.

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Compare journals

- You can select up to 4 journals through boxes to the left of the title.
- Journals appear vertically. You can delete a selected journal through the purple icon (x), and you can add a new one through the quick search bar.
- Fields available for comparison include JIF metrics and trends, JCI metrics and trends, categories (clickable to see the full list), and open access.
- You can compare data for any JCR year. If data does not exist for a particular year/journal, the section will show N/A.

<input checked="" type="checkbox"/>	Green Energy & Environment	2096-2797	2468-0257	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY - SCIE	1,458	8,207	Q1	0.85	99.24 %
<input type="checkbox"/>	ACS Sustainable Chemistry & Engineering	2168-0485	2168-0485	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY - SCIE	62,273	8,198	Q1	1.50	4.81 %
<input checked="" type="checkbox"/>	RENEWABLE ENERGY	0960-1481	1879-0682	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY - SCIE	72,390	8,001	Q1	1.32	3.48 %

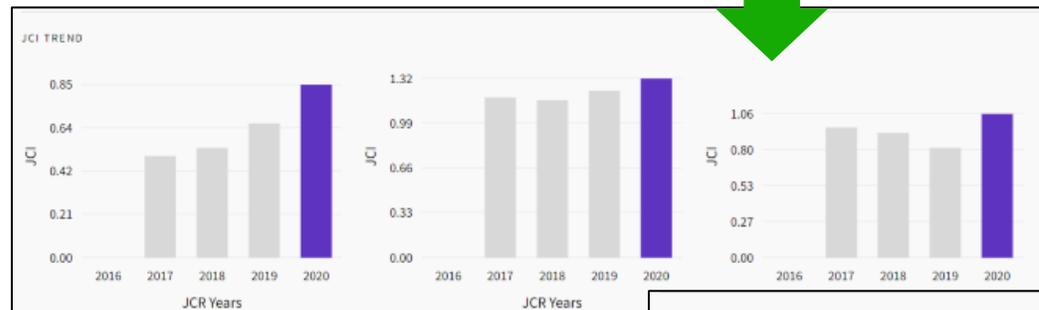
Journals selected 4 Deselect all Compare
Up to 4 Journals

Comparing 3 journals

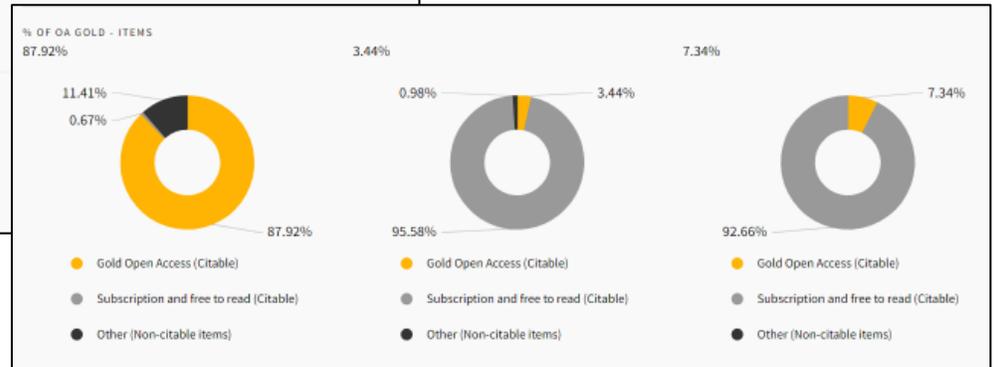
JCR year: 2021

Green Energy & Environment ✕ RENEWABLE ENERGY ✕ Sustainable Materials and Technologies

✕ Add journal for comparison 🔍



JCI QUARTILE AND PERCENTILE BY CATEGORY	
Category	ENERGY & FUELS
JCI Quartile	Q2
JCI Percentile	65.79



Save your favorites

You can add journals to favorites in 2 ways: using the tick boxes on the Browse Journals page, or the heart icon on the journal profile page.

From the Browse Journals page, once a tick box is selected, a black banner will appear at the bottom with a button for "Add to Favorites list."

You can either add to a pre-existing list or create a new one.

You can have up to 15 lists with up to 50 journals

Lists can be viewed and managed from the My Favorites link that is at the top of the page.

To save your work you must sign-in with your Clarivate account. If you don't have an account, please register using your Web of Science email.

A screenshot of a table of journals. The first four rows have their first column cells checked with a green tick box. A black banner at the bottom of the table contains the text "Journals selected 4 Deselect all" and a green "Add to Favorites list" button with a heart icon. A green arrow points from the banner to the right. Below the banner, it says "Up to 50 journals in one list".

<input checked="" type="checkbox"/> CHILDREN AND YOUTH SERVICES REVIEW	190-7409	1873-7765	SOCIAL WORK - SSCI	2.393	Q1	1.14	6.49 %	1.790
<input checked="" type="checkbox"/> Child & Family Social Work	356-7500	1365-2206	SOCIAL WORK - SSCI	2.386	Q1	0.99	12.94 %	2.013
<input type="checkbox"/> AMERICAN JOURNAL OF ORTHOPSYCHIATRY	002-9432	1939-0025	SOCIAL WORK - SSCI	2.364	Q1	1.11	1.87 %	2.300
<input type="checkbox"/> Journal of Social Work	468-0173	1741-296X	SOCIAL WORK - SSCI	2.292	Q2	1.09	9.39 %	2.083

A screenshot of the "FAMILY RELATIONS" journal profile page. At the top right, there is a "My favorites" link with a heart icon and a user profile for "anne.delgado@clarivate.com". A green arrow points to this link. Below the journal title, there is a "Favorite" button with a heart icon, highlighted with a green box. A modal dialog is open in the foreground, titled "Choose or create a new list to add your favorite". It contains a radio button selected for "Social work with children (4 journals)" and a text input field for "Name your new list". At the bottom of the modal are "Cancel" and "Add favorite" buttons.

Export options

To export you must sign-in with your Clarivate account. If you don't have an account, please register using your Web of Science email.

Browse journals > Journal profile

JCR YEAR
2020

Children & Society

ISSN
0951-0605

EISSN
1099-0860

JCR ABBREVIATION
CHILD SOC

ISD ABBREVIATION
Child. Soc.

Journal information

EDITION
Social Sciences Citation Index (SSCI)

CATEGORY
SOCIAL WORK - SSCI

LANGUAGES English	REGION ENGLAND	1ST ELECTRONIC JCR YEAR 2010
----------------------	-------------------	---------------------------------

Publisher information

PUBLISHER WILEY	ADDRESS 111 RIVER ST, HOBOKEN 07030-5774, NJ	PUBLICATION FREQUENCY 6 issues/year
--------------------	--	--

Export

Journal Citation Reports

Browse journals Browse categories

My favorites | anne.delgado@clarivate.com

89 journals

Journal name, JCR abbreviation

Indicators: Anne

SOCIAL WORK

Export

Download **current** list (89) as:

- CSV
- XLS

By exporting the selected data, you agree to the data usage policy set forth in the [Terms of Use](#)

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.

InCites Benchmarking & Analytics™ | Journal Citation Reports™

New Web of Science™ Journals API

May 2021

The new Journals API will complement 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 API Lite**
Support search and data integration using limited Web of Science data returned as JSON or XML
- Web of Science API Expanded**
Support search and data integration using full Web of Science data returned as JSON or XML

Publication metrics

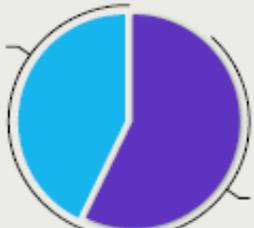
- InCites API**
Support bibliometric analysis and integration of document-level metrics

Journal metadata and metrics

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

Coverage

21,000 + journals covered*
Includes the sciences (SCIE), social sciences (SSCI), and now both the arts & humanities (AHD) and emerging sources (ESCI)



12,000 + have a Journal Impact Factor™ (JIF)
SCIE and SSCI

*From July 2021

All Web of Science Core Collection™ Journals

A new normalized journal metric*

Journal Citation Indicator

calculated for all Web of Science Core Collection journals, along with:

- Journal name & ISSN/eISSN
- Category and rank
- Total cites
- Immediacy Index
- Journal Impact Factor™
- 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**
 - Query for all journals or by journal ID
 - Get cited and citing journals
 - Get journal metrics
- Category**
 - Query for all categories or by category ID
 - Get cited and citing categories
 - Get category metrics

Queries

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

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

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*For journals covered on our Web of Science Core Collection - via our [Developer Portal](#).

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Browse categories

You can search among the 254 categories

Categories are sorted by number of journals per default

You can filter to display categories either by group or category

From the table view, you can customize the metrics you want to see

The categories list shows one line per edition

254 categories
See all 21 Groups

Type journal name, ISSN, eISSN, category or a keyword

Export

Filter

Category	Group	Edition	# of journals	Citable Items	Total Citations	Median impact factor
EDUCATION & EDUCATIONAL RESEARCH	Multidisciplinary; Social Sciences, General	ESCI	461	17,595		
ECONOMICS	Economics & Business; Social Sciences, General	SSCI	377	27,788		
MATERIALS SCIENCE, MULTIDISCIPLINARY	Materials Science; Multidisciplinary	SCIE	335	151,197		
Mathematics		SCIE	330	34,948		

Customize

Filter

Categories (254)

Citation Indexes >

JCR Year >

Reset

Apply

Browse categories by group

- All Categories (254) >
- Agricultural Sciences (7) >
- Arts & Humanities, Interdisciplinary (8) >
- Biology & Biochemistry (34) >
- Chemistry (21) >

Search categories (Web of Science)

Search

- Acoustics
- Agricultural Economics & Policy
- Agricultural Engineering
- Agriculture, Dairy & Animal Science
- Agriculture, Multidisciplinary

Category metrics

- Group
- Edition
- # of journals
- Citable items
- Total Citations
- Median impact factor
- Aggregate impact factor
- Aggregate Immediacy Index
- Aggregate Cited Half-Life
- Aggregate Citing Half-Life

Apply

Category	Group	Edition	# of journals	Citable Items	Total Citations	Median impact factor
ACOUSTICS	Physics	ESCI	8	321	1,722	n/a
ACOUSTICS	Physics	SCIE	32	6,006	228,758	1.685

Browse categories by Groups

To help facilitate discovery, you can also browse categories by Groups. Groups are broad groupings of categories that include all categories on a relevant topic.

Notes on groups:

- There are no metrics associated with them - they are solely for discovery.
- The mapping is not 1:1 - categories can be included in multiple groups.

Journal Citation Reports Browse journals [Browse categories](#) anne.delgado@clarivate.com

Categories by Group

[See all 254 Categories](#) Sort by: Alphabetical

	NUMBER OF CATEGORIES	NUMBER OF JOURNALS	NUMBER OF CITABLE ITEMS
Agricultural Sciences	7	419	55,280
Arts & Humanities Interdisciplinary	8	957	33,877
Agricultural Sciences	7	419	55,280
Biology			

Agricultural Sciences

Covers multiple aspects of agriculture, including engineering application in agriculture; selection, breeding, and management of livestock and crops; cultivation of plants; the formation, distribution, and utilization of soils; and all aspects of agricultural commodities and the management and policy decisions affecting them.

- AGRICULTURAL ECONOMICS & POLICY
- AGRICULTURAL ENGINEERING
- AGRICULTURE, DAIRY & ANIMAL SCIENCE
- AGRICULTURE, MULTIDISCIPLINARY
- AGRONOMY
- HORTICULTURE
- SOIL SCIENCE

[See All 7](#)

Category	Group	Edition	# of journals	Citable Items	Total Citations	Median impact factor
AGRONOMY	Agricultural Sciences; Biology & Biochemistry; Environment/Ecology; Plant & Animal Science	SCIE	91	13,987	475,760	1.799
AGRICULTURE, DAIRY & ANIMAL SCIENCE	Agricultural Sciences; Biology & Biochemistry; Plant & Animal Science	SCIE	63	11,257	314,018	1.630
AGRICULTURE, MULTIDISCIPLINARY	Agricultural Sciences; Biology & Biochemistry; Plant & Animal Science	SCIE	58	8,072	327,144	1.382
HORTICULTURE	Agricultural Sciences; Plant & Animal Science	SCIE	37	4,079	155,123	1.359

Browse publishers

You can sort the list by publisher name or number of journals.

If you click on the number of journals, it brings you to browsing journals with the publisher filter applied

You can also search a specific publisher from the quick search at the top of the page

See the list of publishers with the number of journals in the latest JCR edition, and a link to the Publisher report in InCites (provided that your institution subscribes to InCites)

5,228 publishers

Journal name/abbreviation, ISSN/eISSN, category, publisher

Quick search

Publisher name	Number of journals in 2021	InCites Analysis
Springer Nature (Unified)	2,207	Publisher report
Elsevier (Unified)	2,119	Publisher report
Taylor & Francis (Unified)	2,075	Publisher report
Wiley (Unified)	1,470	Publisher report
WILEY	1,347	Publisher report
ROUTLEDGE JOURNALS, TAYLOR & FRANCIS LTD	1,180	Publisher report
SPRINGER	1,059	Publisher report
Sage (Unified)	920	Publisher report
ELSEVIER	770	Publisher report
TAYLOR & FRANCIS LTD	582	Publisher report

Note that the list comprises unified & not unified publishers as in InCites (publishers with multiple imprints and/or offices).

Browse countries

You can sort the list by country/region or number of journals.

If you click on the number of journals, it brings you to browsing journals with the country/region filter applied

You can also search a specific country/region from the quick search at the top of the page

See the list of countries/regions with the number of journals published from those countries in the latest JCR edition, and a link to the relevant report in InCites (provided that your institution subscribes to InCites)

111 countries/
regions

Journal name/abbreviation, ISSN/eISSN, category, publisher, count

Countries/Regions ▾	Number of journals in 2021 ▾	InCites metrics
USA	5,930	Analyse in InCites 
ENGLAND	4,511	Analyse in InCites 
NETHERLANDS	1,329	Analyse in InCites 
GERMANY (FED REP GER)	1,148	Analyse in InCites 
SPAIN	719	Analyse in InCites 
SWITZERLAND	541	Analyse in InCites 
ITALY	421	Analyse in InCites 

Note that the publication country is different than the country the research is published from; a journal can publish research from any given country, but the country of the publication itself is what's being displayed in this table.

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Starting from the 2023 JCR release, Journal Impact Factors will be expanded to all Web of Science Core Collection journals, including arts and humanities.



Almost **9,000 journals** from more than 3,000 publishers will have a JIF for the first time.



At minimum, there will be a **5% increase** in journals from the Global South¹ that have a JIF.



There will be an **8% increase** in gold open access journals that have a JIF.

¹According to the United Nations definition: http://www.fc-ssc.org/en/partnership_program/south_south_countries

Support assessments across your institution with complete profiles for all journals.



Increase the impact of your resources

Providing a JIF to all trustworthy journals indexed in the Web of Science Core Collection increases the impact of your existing subscriptions. Through comprehensive journal metrics relevant for every researcher at your organization, you can better support your institution's research enterprise with existing tools.



Support researchers deciding where to publish

With more data and metrics at their fingertips, your researchers can make more informed decisions about the best-fit journals for their work. Extending the JIF to all trustworthy journals opens options for researchers that use the metric as they decide where to publish.



Simplify collection management

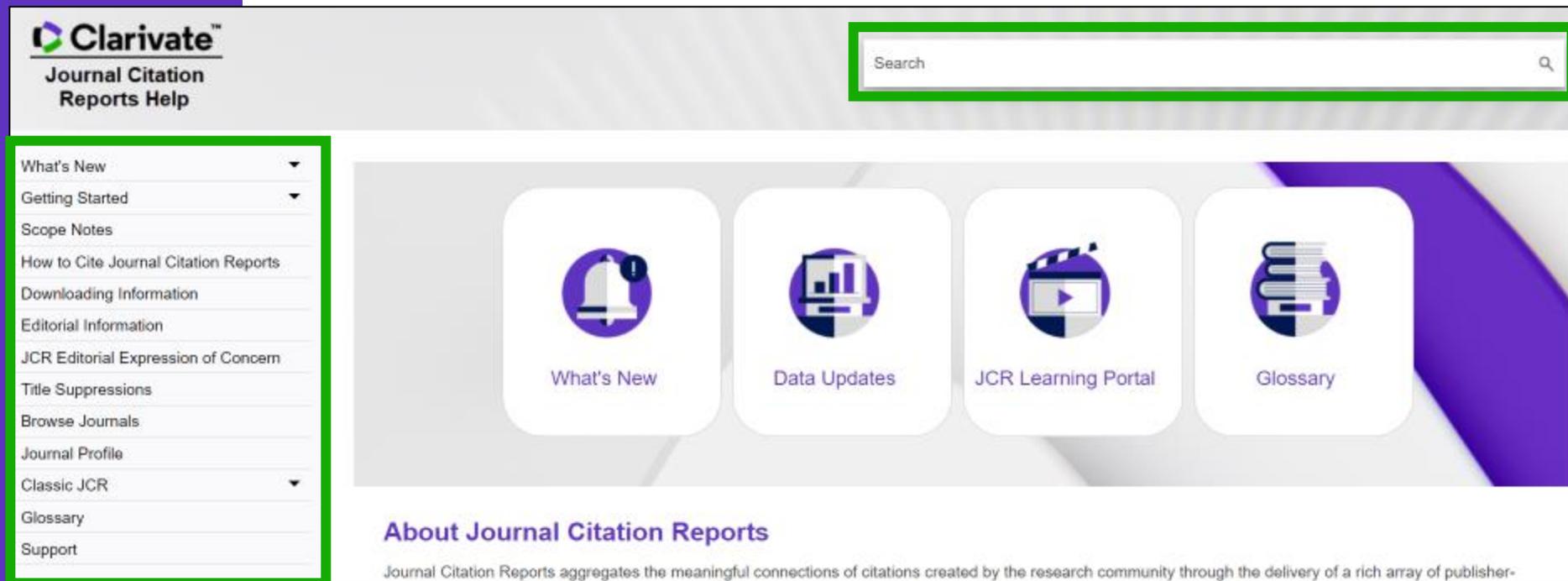
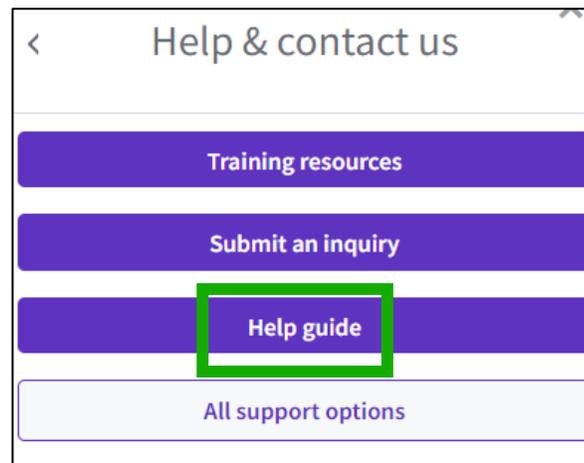
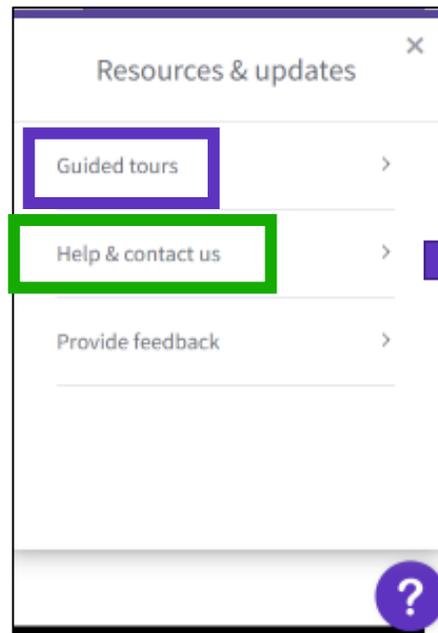
The extension of JIF simplifies journal evaluation by completing the JCR profile for all editorially selected journals. From its inception, the JIF was designed to help librarians keep pace with a rapidly evolving scholarly publishing landscape. Extending the JIF provides you with an additional trusted, transparent metric, making it easier to determine which journals are highly relevant and useful in a category.

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Getting help

Getting Started with Journal Citation Reports



More resources for researchers

How to find the right journal for your research (using actual data)



JOANNA WILKINSON
Clarivate

Share this article



Want to help your research flourish? We share tips for using publisher-neutral data and statistics to find the right journal for your research paper.

The right journal helps your research flourish. It puts you in the best position to reach a relevant and engaged audience, and can extend the impact of your paper through a high-quality publishing process.

A few general tips:

1. Start speaking with your colleagues, supervisors and librarians
2. Explore journal suggester tools
3. Is the journal trustworthy? (Avoid “predatory publishers”)
4. Investigate journal indexing and discoverability
5. Narrow down your list getting familiar with the journal content, scope, policies, audience, etc.
6. Understand journal metrics

More resources for publishers

Promote your inclusion in Web of Science Journal Citation Reports

When you're evaluating your journal's performance, its value can't be measured with a single number.

This guide will help you understand the data included in Journal Citation Reports™ so that you can promote your journals responsibly.

[Learn how to promote your inclusion](#)

Amplify your reach and promote the success of your journals

The Web of Science Author Connect team can help you reach active authors who have published the world's leading journals, we can help you:

- **Increase submissions for your titles**
- **Drive readership and usage of your publications**
- **Build awareness of your brand**

[Contact us to learn more](#)



For questions, contact:
WoSG.support@clarivate.com

