

Journal Citation Indicator

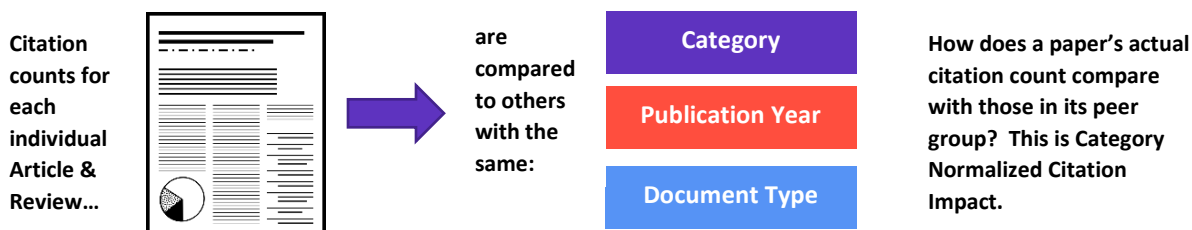
Journal Citation Reports

What is the Journal Citation Indicator?

- A category-normalized metric calculated for **all** journals in the Web of Science Core Collection, including the Science Citation Index Expanded, Social Science Citation Index, Arts & Humanities Citation Index, and Emerging Sources Citation Index
- Another impact metric, complementing the Journal Impact Factor, that helps you assess journal performance with added context

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:



Elements of the Journal Citation Indicator

Journal Citation Indicator is

the average of the category-normalized citation impact (CNCI) of the journal's articles & reviews published in the prior three-year period

Articles & Reviews only

- Published in prior three years
- Each article or review receives a CNCI value
- Average CNCI is taken

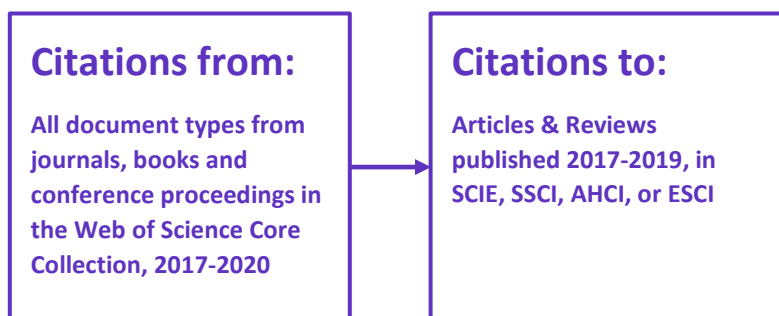
For each article and review:

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

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

Data contributing to the 2020 Journal Citation Indicator:

Like other metrics in the JCR, the Journal Citation Indicator is static for the JCR year. It is created from a snapshot of data at the time the JCR is produced. It includes:



Interpretation and considerations for the Journal Citation Indicator value

Journal Citation Indicator = 1.0

Means that published papers, across the journal, received citations equal to the average (mean) for the category.



Greater than one is better than expected citation performance in category



Less than one is below expected citation performance in category

- Journals that produce small numbers of articles and reviews may have less stable JCI values
- JCI values can be compared across categories, but comparisons are best made in adjacent fields that share similar citation patterns (within the Physical Sciences or Arts & Humanities, for example)
- The mean Category Normalized Citation Impact (CNCI) is used when items are assigned to more than one Web of Science Subject Category
- Using multiple indicators to evaluate a journal is always a best practice
- Read more about the Journal Citation Indicator in our discussion paper [available here](#)

Finding the Journal Citation Indicator in the JCR

Browse Journals: rank journals by Journal Citation Indicator value

Click the column heading to sort the table by the JCI value.

Journal name	ISSN	eISSN	Category	Total Citations	2020 JIF	JIF Quartile	2020 JCI	% of OA Gold	Average JIF Percentile
JOURNAL OF ARCHAEOLOGICAL RESEARCH	1059-0161	1573-7756	ANTHROPOLOGY	873	4.364	Q1	3.48	22.50%	97.126
JOURNAL OF PEASANT STUDIES	0306-6150	1743-9361	ANTHROPOLOGY	5,620	6.461	Q1	3.06	10.00%	96.664
JOURNAL OF ARCHAEOLOGICAL METHOD AND THEORY	1072-5369	1573-7764	ANTHROPOLOGY	1,848	3.433	Q1	2.68	26.14%	92.529
EVOLUTIONARY ANTHROPOLOGY	1060-1538	1520-6505	ANTHROPOLOGY	2,210	6.086	Q1	2.50	14.06%	98.276
CURRENT ANTHROPOLOGY	0011-3204	1537-5382	ANTHROPOLOGY	7,130	2.983	Q1	2.44	2.81%	86.782
					3.240	Q1	2.44	52.78%	89.080
					1.250	Q3	2.23	16.55%	66.354
					3.439	Q1	2.13	100.00%	94.828
					1.452	Q2	2.04	0.00%	44.450
					3.216	Q1	1.94	11.67%	74.395
					3.406	Q1	1.92	9.14%	86.957
					2.287	Q1	1.78	7.18%	76.437

Use the filter panel to select journals or categories for ranking in the table.

Journal Profile: see a journal's rank by Journal Citation Indicator

Each journal profile will contain the Journal Citation Indicator trend as well as the rank based on the JCI for that journal.

Journal Citation Indicator (JCI) **1.66**

The Journal Citation Indicator (JCI) is a measure of the average Category Normalized Citation Impact (CNCI) of citable items (articles & reviews) published by a journal over a recent three year period. The average JCI in a category is 1. Journals with a JCI of 1.5 have 50% more citation impact than the average in that category. It is used to help you evaluate journals alongside other journal metrics. [Learn more](#)

Rank by Journal Citation Indicator (JCI)

Journals of a category are sorted by Journal Citation Indicator (JCI) 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. The categories considered for JCI are not dependent on the edition. [Learn more](#)

JCR YEAR	JCI RANK	JCI QUARTILE	JCI PERCENTILE
2020	16/313	Q1	95.05
2019	18/309	Q1	94.34
2018	25/304	Q1	91.94
2017	23/292	Q1	92.29

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