



# Journal Citation Reports®

The recognized authority for evaluating journals

## Unique journal and category data

*Journal Citation Reports on the Web* offers a systematic, objective means to critically evaluate the world's leading journals. It is the only journal evaluation resource that provides statistical information based on citation data. By compiling articles' cited references—supplied by the publishing authors themselves—*JCR® Web* helps to measure research influence and impact at the journal and category levels, and shows the relationships between citing and cited journals.

## Diverse users, multiple needs

Available in Science and Social Sciences editions, this resource is an essential tool for anyone who needs to know about journal impact and influence in the global research community:

**Librarians** can support selection or removal of journals from their collections, and determine how long to keep each journal in the collection before archiving it.

**Publishers and editors** can determine journals' influence in the marketplace and review editorial functions.

**Authors** can identify the most appropriate, influential journals in which to publish, as well as confirm the status of journals in which they have published.

**Professors and students** can discover where to find the current reading list in their respective fields.

**Information analysts** can track bibliometric and citation patterns.

## New! Category level analysis

*JCR Web* has expanded its analytical capabilities beyond the journal level to include subject categories, making it easier for users to understand journal performance metrics in context and facilitate collection management decisions.

*Journal Citation Reports®* is powered by *ISI Web of Knowledge*, a unique, fully integrated research environment that delivers a powerful combination of content, tools, and technology. Built on a foundation that emphasizes quality, selectivity, and objectivity, *ISI Web of Knowledge* delivers the essential data researchers seek.

[We Are]\_ **ISI Web of Knowledge**™

The researcher's path to smart discovery

# Use vital citation data...

## Efficiently evaluate the world's top science and social science journals

JCR Web provides these useful data fields:

- **Impact factor** — Provides a way to evaluate or compare a journal's performance relative to others in the same field.
- **Immediacy index** — Measures how often articles published in a journal are cited within the same year; useful for comparing journals specializing in cutting-edge research.
- **Article counts** — Shows the number of articles published in a journal in a particular year (original research and review articles only).
- **Cited half-life** — Benchmarks the age of cited articles; useful in collection management and archiving decisions because it shows the age of the majority of cited articles published in a journal; helps publishers adjust their editorial policies to compete in different market segments.
- **Source data** — Provides information on the number of review articles and original research articles versus other content that is published by a particular journal.

## Valuable features enable users to:

- View a journal's impact with a five-year Impact Factor Trend Graph.
- Link seamlessly from a record in *Web of Science*® to the full journal record in *JCR Web*.\*
- Link from a *JCR Web* record to the most recent table of contents in *CC Connect*®.\*
- Link between *JCR Web* and *ulrichsweb.com*™, Ulrich's Web-based Periodicals Directory™.\*
- Link to and from your library's OPAC.

## New journal analysis features

- **At the journal level**, the Source Data table for items now includes "other" to account for non-scholarly items such as news, commentaries, and editorial material—which makes it possible to understand more accurately the size and content of a publication.
- **Related journals** have cited and citing relationships. Users can see which journals share citations, and are most related to the journal they are investigating.

\*For mutual subscribers

## Analyze Journals

ISI Web of Knowledge™ Journal Citation Reports

Journal: **JOURNAL OF CELL BIOLOGY**

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life	Citing Half-life
<input type="checkbox"/>	J CELL BIOL	0021-9525	69413	12.023	2.421	442	6.8	4.5

Journal Country/Territory: UNITED STATES  
 Publisher: ROCKEFELLER UNIV PRESS  
 Publisher Address: 1124 FIRST AVE, 4TH FL, NEW YORK, NY 10021  
 Subject Categories: CELL BIOLOGY

Journal Impact Factor  
 Cites in 2003 to articles published in: 2002 = 4340    Number of articles published in: 2002 = 412  
 2001 = 6168    2001 = 462  
 Sum: 10508    Sum: 874  
 Calculation: Cites to recent articles / Number of recent articles = 10508 / 874 = 12.023

Journal Immediacy Index  
 Cites in 2003 to articles published in 2003 = 1070  
 Number of articles published in 2003 = 442  
 Calculation: Cites to current articles / Number of current articles = 1070 / 442 = 2.421

Journal Cited Half-Life  
 The cited half-life for the journal is the median age of the articles the journal cited in the current JCR year. Half of the citations in the journal are to articles published in the current JCR year or earlier.

Journal Citing Half-Life  
 The citing half-life for the journal is the median age of the articles the journal cited in the current JCR year. Half of the citations in the journal are to articles published in the current JCR year or earlier.

Journal Source Data  
 The source data table for items now includes "other" to account for non-scholarly items such as news, commentaries, and editorial material.

Graphical displays of cited journal data show the distribution by cited year of citations to articles published in a journal.

Graphical displays of citing journal data show the distribution by citing year of citations from articles published in a journal.

Link to information on journals that cite or have been cited by the selected journal in a particular year.

Link to information on journals that cite or have been cited by the selected journal in a particular year.

Go directly to the journal's record in *ulrichsweb.com* and the most recent table of contents in *Current Contents Connect* (for mutual subscribers).

Link to information on journals that cite or have been cited by the selected journal in a particular year.

# ...to perform fast, focused evaluations

## Analyze Journal Categories

The screenshot shows the ISI Web of Knowledge interface for the category 'BIOCHEMISTRY & MOLECULAR BIOLOGY'. Key features include:

- Summary Table:**

Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-life	Aggregate Citing Half-life	# Journals	Articles
2018095	2.240	4.326	0.788	6.0	6.0	261	46349
- Aggregate Impact Factor:** Cites in 2003 to articles published in any journal in the Category in: 2002 = 178313. Number of articles published in: 2002 = 46623.
- Aggregate Cited Half-Life:** Cited Half-Life: 6.0 years.
- Aggregate Citing Half-Life:** Citing Half-Life: 6.0 years.
- Aggregate Cited Category Graph:** A bar chart showing the distribution of citations by cited year from 2000 to 2004. The y-axis is 'Number of Cites' and the x-axis is 'Cited Years'. A vertical line at year 2002 indicates the cited half-life.
- Aggregate Citing Category Graph:** A bar chart showing the distribution of citations by citing year from 2000 to 2004. The y-axis is 'Number of Cites' and the x-axis is 'Citing Years'. A vertical line at year 2002 indicates the citing half-life.
- Aggregate Source Data:**

	Citable Items			Other Items
	Articles	Reviews	Combined	
Number in JCR year 2003 (A)	42730	3617	46347	9621
Number of references (B)	1622935	336976	1959911	6662
Ratio (B/A)	38.0	93.2	42.3	0.7

The aggregate impact factor allows users to judge whether an individual journal has a high or low impact factor within its particular category.

View scope notes for each subject category assigned to each journal.

Graphical displays of cited category data show the distribution by cited year of citations to all journals in a particular category.

## Powerful new features provide opportunities for journal category analysis

Much of the same statistical information available for individual journals is now available for subject categories, based on combined data within each category from 2003 forward. This provides a view of coverage, citation behavior and relationships across an entire subject. These new category level analysis capabilities enhance the metric Dr. Garfield created—the impact factor.

JCR Web now includes:

- Citation statistics for each category as a whole; statistical data includes:
  - total cites
  - median impact factor
  - aggregate impact factor
  - aggregate immediacy index
  - aggregate cited half-life
  - number of journals in category
  - number of articles in category
- Related journals at the category level — Find journals on closely associated topics, based on citing and cited references to any journals in the category.
- Links to category scope notes — Explanations for each category define what areas it covers.

## JCR Web coverage includes:

- *Science Edition* — Over 5,900 leading journals
- *Social Sciences Edition* — More than 1,700 leading journals
- Journals from 3,300 publishers; in approximately 200 disciplines; from 60 countries
- Citation statistics from 1997 forward

## ISI Web of Knowledge offers integrated access to:

### Core content

*Web of Science*®  
*Current Contents Connect*®  
*ISI Proceedings*™  
*Derwent Innovations Index*™

### Analytical content

*Essential Science Indicators*™  
*Journal Citation Reports*® on the Web

### Specialized content

*BIOSIS Previews*®  
*Biological Abstracts*®  
CAB Abstracts®  
Inspec®  
PsycINFO®  
FSTA—Food Science and Technology Abstracts®  
*Zoological Record*  
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POPLINE®

## Support

- Context-sensitive online help system
- International technical help desk
- On-site education and training seminars
- Promotional support

## FIND OUT MORE

To find out more about *Journal Citation Reports on the Web*, visit [www.scientific.thomson.com/products/jcr/](http://www.scientific.thomson.com/products/jcr/) or contact a Thomson Scientific account representative at the office nearest you. For technical inquiries, please contact the same office using the information to the right.



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