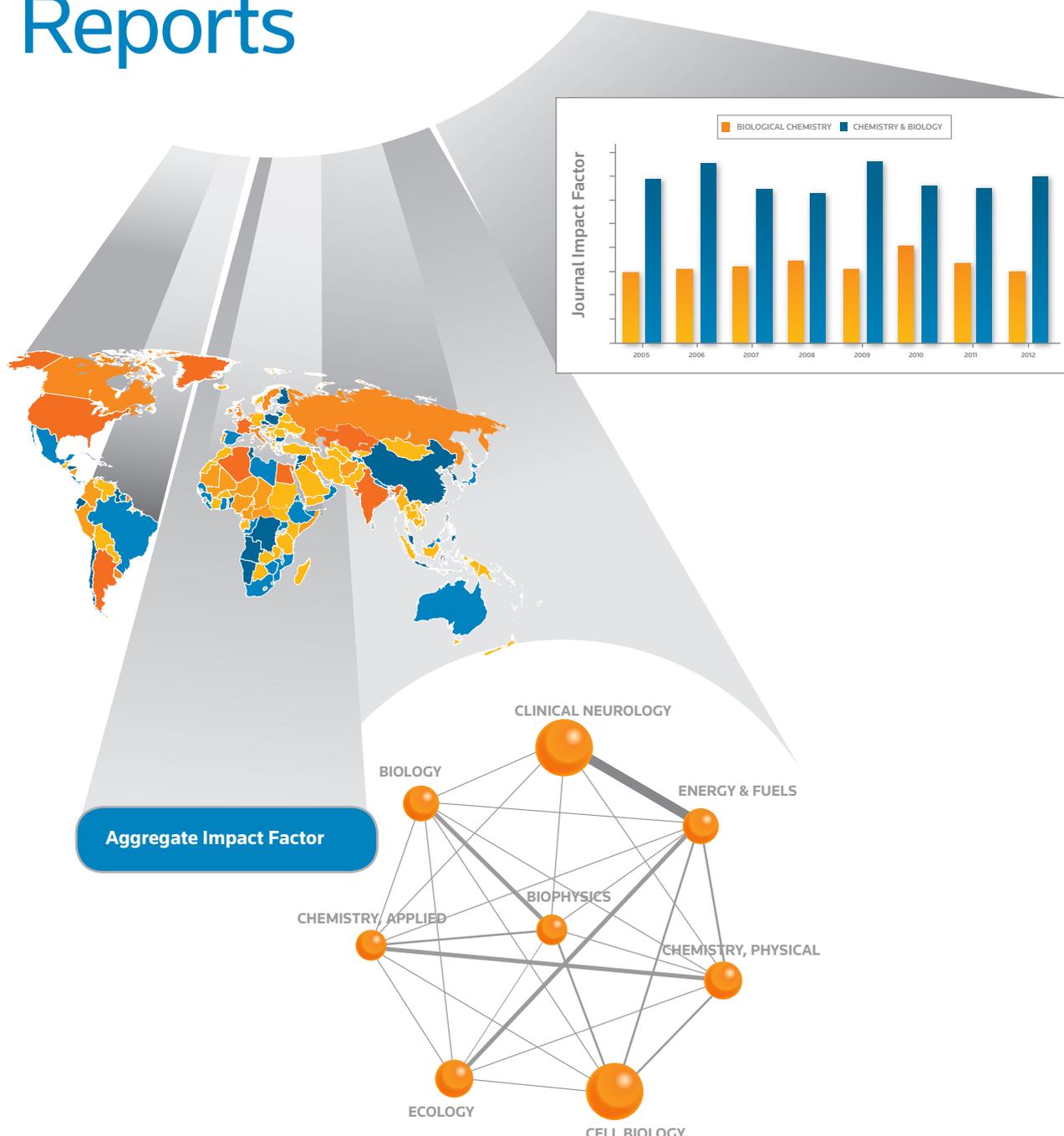


Essential Science Indicators & Journal Citation Reports



THOMSON REUTERS: SINGULAR EXPERT IN RESEARCH DISCOVERY

The global research environment is changing. It's more collaborative and it's more competitive. And with it, every decision counts. Thomson Reuters leads the market in the development of enterprise-wide systems that connect administrators, researchers and faculty at institutional, regional, national and global levels. We integrate and centralize data across multiple sources for reliable research practice and development and to systemically and objectively assemble, analyze and build research reports.

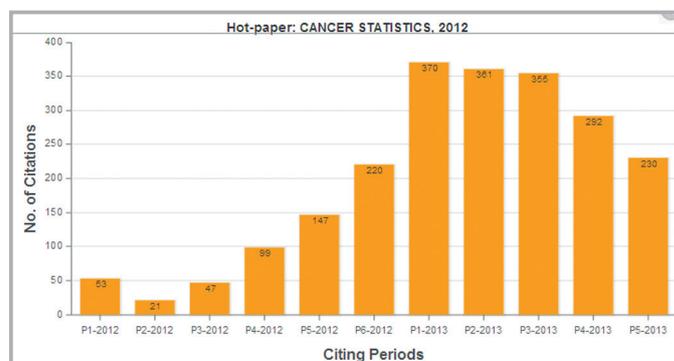
Make informed decisions and support strategic initiatives with InCites, a single resource to access the industry's most trusted content, tools and services for research evaluation and assessment activities. Expanding upon the personalized, curated data and aggregated global benchmarks currently available, InCites will now allow you to identify fast-moving thresholds and rising stars, comprehensive journal and article metrics, enhanced visualization capabilities plus the ability to access quality, custom data, expert reporting and semi-custom analysis all through a single destination.

WHAT IS ESSENTIAL SCIENCE INDICATORS?

ESSENTIAL SCIENCE INDICATORS

Now part of the InCites platform, InCites: Essential Science IndicatorsSM can determine the influential individuals, institutions, papers, publications, and countries in a field of study—as well as emerging research areas that could impact your work. This unique and comprehensive compilation of science performance statistics is an ideal analytical resource for policymakers, administrators, analysts and information specialists in government agencies, universities, corporations, private laboratories, publishing companies and foundations, as well as members of the scientific press and recruiters.

Conduct ongoing, quantitative analyses of research performance and trends in science. Rank top scientists, institutions, countries, and journals in 22 specific fields of research in science performance statistics and science trends based on journal article publication counts and citation data.



WHY ESSENTIAL SCIENCE INDICATORS?

Essential Science Indicators is the ideal resource for conducting complex analyses of scientific literature so you can easily discover the information you need to:

- **Analyze research performance** of companies, institutions, nations, and journals.
- **Identify significant trends** in the sciences and social sciences.
- **Rank top countries**, journals, scientists, papers, and institutions by field of research.
- **Determine research output** and impact in specific fields of research.
- **Evaluate potential employees**, collaborators, reviewers, and peers.

Answer questions like:

- What are the most cited papers in immunology?
- What are the emerging research areas in agricultural sciences?
- What country has the highest impact in chemical research?
- Who are the most highly cited authors in the field of molecular biology?
- What are the top journals in geosciences?

This tool provides you with:

- In-depth coverage: You can access close to 12 million articles from over 12,000 journal titles from around the world.
- A solid basis for comparison of research performance: Includes baselines, which are the benchmarks for assessing research impact.

- Expert guidance that enhances data: Provides editorial comments from scientists and researchers.
- Available as a 10-year rolling file: Updated every two months.

Access to additional information:

- **Research Fronts** — Algorithmically derived topics reflect research-intensive and breakthrough areas of current science.
- **Highly Cited Papers** — Chosen from the most recent 10 years of data.
- **Hot Papers** — Focuses on very recent papers (from the past two years) that show an unusual rate of citation in the current period.
- **ScienceWatch.com** — Further information and commentaries pertaining to the scientists, institutions, journals, countries/territories, and papers listed in the rankings.

INTEGRATION WITH WEB OF SCIENCE

Essential Science Indicators is fully integrated with Web of Science™, also a Thomson Reuters research analysis tool, and the world's leading source of scholarly research data. We offer unbiased metrics based on citation activity of the most impactful global and regional journals, books and proceedings for the scholarly community. The data within Essential Science Indicators is part of the InCites re-engineered research analytics platform, so you're getting the whole picture of research discovery with Thomson Reuters.

WHAT IS JOURNAL CITATION REPORTS?

JOURNAL CITATION REPORTS

Also part of the InCites platform, InCites: Journal Citation Reports® offers a systematic, objective means to critically evaluate the world's leading journals, with quantifiable, statistical information based on citation data. By compiling articles' cited references, Journal Citation Reports helps to measure research influence and impact at the journal and category levels, and shows the relationship between citing and cited journals.

WHY JOURNAL CITATION REPORTS?

BEYOND THE IMPACT FACTOR

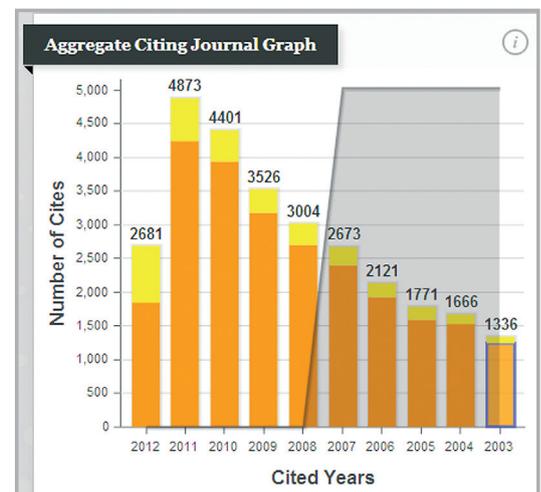
The recognized authority for evaluating journals, Journal Citation Reports presents quantitative data that supports a systematic, objective review of the world's leading journals. Using a combination of impact and influence metrics, and millions of cited and citing journal data points that comprise the complete journal citation network, Journal Citation Reports provides the context to understand a journal's true place in the world of scholarly literature.

This essential analysis tool summarizes citations from science and social science journals and proceedings in the Web of Science database. It delivers detailed reports of their citation performance, their citation network, and the count and type of materials published. Diverse users can derive useful information:

- **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.
- **Administrators and information analysts** can track bibliometric and citation patterns to make strategic and funding decisions.

With Journal Citation Reports, you can:

- Sort journal data by clearly defined fields: Impact factor, immediacy index, total cites, total articles, cited half-life, or journal title.
- Sort subject category data by clearly defined fields: Total cites, median impact factor, aggregate impact factor, aggregate immediacy index, aggregated cited half-life, number of journals in category, number of articles in category.
- Better understand a journal's impact over time with the five-year impact factor and trend graph.



EXPANDED FUNCTIONALITY TO FULLY UNDERSTAND A JOURNALS' PLACE IN THE SCHOLARLY WORLD

The Journal Impact Factor can be a very valuable metric — but it can also be misused and viewed in the wrong context. Journal Citation Report metrics and data complement the Journal Impact Factor, depicting a more precise view of journal citation results, from a broader range of scholarly disciplines in farther-reaching contexts. Expanded analytical capabilities include:

- **Five-year Impact Factor** — View a more informative snapshot over a longer time span, showing you a broader range of citation activity. For journals in subjects where citation activity continues to rise through several years, this allows more of their total citation activity to be included in a critical performance metric.
- **Eigenfactor® Metrics** — Discover the metric that uses citing journal data from the entire Journal Citation Report file to reflect the prestige and citation influence of a journal by considering scholarly literature as a network of journal-to-journal relationships.
- **Impact Factor Boxplots** — Visualize impact factor through a graphic interpretation of how a journal ranks in different categories.
- **Rank-in-Category Tables** — Evaluate journals in the context of multiple categories.
- **Journal Self-citations** — See how self-citations affect journal impact factor.

Thorough integration with Web of Science and other valuable resources lets you:

- Link from a record in Web of Science to the full journal record in Journal Citation Reports
- Link from a Journal Citation Reports record to the most recent table of contents in Current Contents Connect®
- Link between Journal Citation Reports and ulrichsweb.com™, Ulrich's Web-based Periodicals Directory™
- Link to and from your library's OPAC
- Add links to citation metrics using the Thomson Reuters Article Match Retrieval Service

JOURNAL CITATION REPORTS COVERAGE

- Science edition — over 8,400 leading journals
- Social Sciences edition — more than 3,000 leading journals
- Covers more than 10,800 journals from over 2,550 publishers in approximately 232 disciplines from 83 countries

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Thomson Reuters leads the market in the development of enterprise-wide systems. Our expertise allows us to integrate and centralize data across multiple sources for reliable research and development analysis. The systematic and objective assembly of data lets administrators, researchers and faculty explore and build upon research at the institutional, regional, national and global levels.

FIND OUT MORE ABOUT ESSENTIAL SCIENCE INDICATORS AND JOURNAL CITATION REPORTS

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