

# Multidisciplinary resources



ISI Web of Knowledge<sup>SM</sup>

Take the next step 

**Web of Science<sup>®</sup>**

**ISI Proceedings<sup>SM</sup>**

**Current Contents Connect<sup>®</sup>**

**Derwent Innovations Index<sup>SM</sup>**

Through *ISI Web of Knowledge*, researchers can easily access a variety of broad coverage sources — multidisciplinary, multi-publisher, and geographically diverse. Content is derived from the world's leading international journals, conference proceedings, patents, chemical reactions and compounds, Web sites, and open access journals.

This content is not simply aggregated. It is carefully evaluated and selected for relevance and quality. This means that, unlike using free search engines or some of the new aggregators, researchers can avoid scanning and sorting through irrelevant information, and can quickly and easily find the high quality data they need.

The breadth of content available to the researcher within the *ISI Web of Knowledge* platform is unmatched: over 22,000 journals, 23 million patents, 12,000 conference proceedings, 5,500 Web sites, 5,000 books, 2 million chemical structures, and scholarly Web content, all anchored by *Web of Science<sup>®</sup>* and easily searchable through the cross-content search tool.

The combination of this high quality content with the intuitive *ISI Web of Knowledge* interface and unique capabilities allows users to search and analyze data with flexibility and confidence:

- A variety of search options, from Quick Search to *Cross Search<sup>SM</sup>* to Advanced (Set) Search, lets users choose the method that works best for them.
- Cross searching enables users to simultaneously search across all available data within the platform, delivering complete and unified results.

- The Analyze Tool provides insights into hidden trends and patterns by allowing users to organize records by author, publication year, source title, institution, language, subject category, and more.
- Cited reference searching allows researchers to search the literature backwards and forwards in time, as well as across disciplines, examining the impact of earlier research and how it affects today's research developments.

## Powerful links lead to expanded content

With *ISI Web of Knowledge*, researchers can benefit from links to:

- Publishers' full-text documents — free or publicly available online journals as well as 7.5 million electronic full-text records via *ISI Links<sup>\*</sup>*
- More than 5,000 expertly evaluated Web sites
- Unique citation information and cited reference searching via *Web of Science<sup>\*</sup>*
- Your library's holdings
- A wide variety of hosted and external resources

\* Depending on your institution's subscriptions

[www.isiwebofknowledge.com/whatsnew](http://www.isiwebofknowledge.com/whatsnew)



# Multidisciplinary resources

## Web of Science®

### The definitive resource for literature research

With *Web of Science*, researchers at your institution can find current and retrospective science, social sciences, and arts and humanities information from nearly 9,300 of the most prestigious, high impact research journals in the world. And through *Century of Science*™, they can also access multidisciplinary scientific content back to 1900.

Users can access this invaluable information quickly and effectively, using powerful search capabilities such as cited reference searching. They can also combine chemistry searches with general searches when they search two additional databases through *Web of Science* — *Index Chemicus*® (for new compounds) and *Current Chemical Reactions*® (for novel reactions).

## Navigate freely

### with cited reference searching

Cited reference searching is a unique search method that enables users to navigate forward, backward, and through the literature, searching all disciplines and time spans to uncover information relevant to their research. Citations (or footnotes) allow users to:

- Navigate backward in time using cited references to uncover authors' prior influences.
- Navigate forward in time using Times Cited to discover a paper's impact on current research.
- Discover "hidden" relationships between seemingly unrelated articles that could be missed by traditional subject searching.

This specialized navigation helps users track articles' ongoing, evolving influence, as they:

- Uncover the seminal research of an important theory or concept.
- Measure the influence of colleagues' or competitors' work — and their own.
- Follow the path and direction of today's hottest ideas and concepts.
- Determine if a theory has been confirmed, changed, or improved.

*Related Records*®, an exclusive *Web of Science* feature, enhances the power of cited reference searching by linking and displaying all the articles that have cited references in common. When users find one record of interest, they can easily find additional articles that are related to their subject — items not easily accessible with traditional search techniques.

## Investigate thoroughly with cover-to-cover indexing

*Web of Science* provides access to all significant items within each research journal covered, including articles, bibliographies, book reviews, corrections and additions, discussions, editorials, fiction and prose, items about individuals, letters, meeting abstracts, notes, poetry, review papers, and reviews of computer software, hardware, and databases.

### Fast Facts about *Web of Science*

- Contains over 38 million records
- Provides over 1.5 million records and more than 23 million cited references per year from more than 230 disciplines in science, the social sciences, and the arts and humanities
- Includes full bibliographic information for all backfiles, including cited references and cited reference navigation
- Includes *Century of Science* backfiles, consisting of over 850,000 items from 262 journals 1900 -1944
- Updated weekly
- Features sitewide access to:
  - *Science Citation Index Expanded*™ 1900 - present; author abstracts available from 1991 forward
  - *Social Sciences Citation Index*® 1956 - present; author abstracts available from 1992 forward
  - *Arts & Humanities Citation Index*® 1975 - present; author abstracts available from 2000 forward
  - *Index Chemicus* 1993 - present
  - *Current Chemical Reactions* 1985 - present; plus INPI archives from 1840 - 1985

## Current Contents Connect®

### Unparalleled coverage of current research literature

Updated daily, *Current Contents Connect* is the world's premier multidisciplinary current awareness resource. It provides easy access to complete tables of contents, abstracts, bibliographic information, and abstracts from the most recently published issues of the world's leading scholarly journals and books, and also enables users to access relevant, evaluated Web sites and documents.

*CC Connect*® offers cover-to-cover, expert indexing that provides accurate access to all the valuable information available in journals — not just articles.

### Discover quickly with exclusive eFirst content

With eFirst, users can access a continually updated collection of peer-reviewed articles that provide bibliographic information from *CC*® journals before each issue is published. Users can link to the full text from eFirst records and automatically receive relevant eFirst articles in their alerts. *CC Connect* is the only source for multidisciplinary, multipublisher, pre-published content.

#### Fast Facts about *Current Contents Connect*

- Covers approximately 8,000 peer-reviewed research journals and over 1,900 books from more than 100 disciplines in the sciences, social sciences, and arts and humanities
- Available in seven editions and two collections
- Editions
  - Life Sciences - Over 1,360 journals
  - Clinical Medicine - Over 1,225 journals
  - Engineering, Computing & Technology - Over 1,160 journals
  - Agriculture, Biology & Environmental Sciences - Over 1,120 journals
  - Physical, Chemical & Earth Sciences - Over 1,170 journals
  - Social & Behavioral Sciences - Over 1,720 journals
  - Arts & Humanities - Over 1,120 journals
- Collections
  - Business Collection - Over 230 journals
  - Electronics & Telecommunications Collection - Over 200 journals

## ISI Proceedings<sup>SM</sup>

### The fastest way to search proceedings literature

*ISI Proceedings* helps researchers access the published literature from the most significant conferences, symposia, seminars, colloquia, workshops, and conventions worldwide, so they can track emerging ideas and new research beyond what is covered in journal literature. Approximately 70% of the information in *ISI Proceedings* is not covered in scientific journals, so this rich resource helps users discover research ideas as they are first presented.

### Explore fully with coverage of emerging concepts

With enhanced coverage of books and meeting abstracts, especially in key areas such as engineering, chemistry, physics, and biology, this resource enables users to explore developing concepts via two editions: Science & Technology, and Social Sciences & Humanities. Users can:

- Access initial published findings about new research or concepts
- Verify citations to papers presented at conferences
- Find papers not published in the journal literature
- Conduct retrospective searches on authors, institutions, and organizations as well as subjects
- Track the reported research for a given subject
- Make acquisition decisions about proceedings
- Determine whether the proceedings of a given meeting were published and where

#### Fast Facts about *ISI Proceedings*

- Two editions cover nearly 250 categories, with over 4.4 million records, and content from more than 12,000 conferences each year
- Updated weekly, with over 385,000 records added each year
- Extracts 73% of its data from books and the remaining 27% from journal coverage, which complements the information covered in *Web of Science*
- Includes conference papers from books, journals, and series produced by publishers and societies

## **Derwent Innovations Index<sup>SM</sup>**

### Facilitates rapid, precise patent searching

*Derwent Innovations Index* merges the value-added patent information from *Derwent World Patents Index*<sup>®</sup> with the patent citation information from *Derwent Patent Citation Index*<sup>®</sup>. This resource gives researchers a comprehensive overview of inventions in the global marketplace in all categories: chemical, electrical, electronic, and mechanical engineering. Additional descriptive information and coding enables users to quickly grasp a patent's significance and its relationship to other patents. Users can conduct powerful patent and citation searches from their desktop, getting excellent search results without having to be an expert in patent searching.

### Analyze effectively

#### with a wide range of applications

Searching international patent literature via *Derwent Innovations Index* can help users in academic, government, and legal environments:

- Track competitors' activities
- Conduct comprehensive research
- Identify technological advances and forecast technological trends
- Reduce duplication of R&D
- Detect and avoid patent infringement
- Develop more inventions; earn more funding for research
- Compare institutions' research performance

### Assess thoughtfully

#### with unrivaled value-added information

By including clearer patent titles, and clear, concise explanations of each patented invention, *Derwent Innovations Index* enables even novice searchers to search the patent literature with speed and precision:

- **Descriptive Titles** - Because original patent titles are often uninformative, Thomson Scientific indexers write concise titles that fully describe the inventions and their novelty.
- **Abstracts** - Thomson Scientific subject experts review the patent specifications and write 250- to 500-word descriptions about the claims, uses, and advantages of the inventions, to save users the time and effort of searching through patents running hundreds of pages and written deliberately to confuse patent searchers.

- **Patent Family** - Each record contains details of patents which have been filed worldwide for that invention, giving the global impact of that technology.

### Connect directly

#### with flexible search and linking

- **Advanced Search** - Users can conduct more precise searches using field tags and set combinations.
- **Combine Searches** - Researchers can conduct broad or focused searches by combining searches for precise results and additional flexibility.
- **Citation browsing** - Search by Cited Patent Number, Cited Assignee, Cited Inventor, and Cited Derwent Primary Accession Number; access patents that are cited by the inventor or examiner; patents that cite the record users are viewing; and information in *Web of Science*. Citation browsing is invaluable for prior art or competitive intelligence searches.
- **Links to full patent records** - Users can view concise abstracts written by subject experts, then link to full-text primary patent records from a range of full patent sources.
- **View equivalent abstracts** - In addition to using the value-added records, researchers can view equivalent abstracts (where available). Produced alongside the basic patent application for key patent authorities such as the USPTO, they provide even more detail about specific patents.
- **Users can link to** *Web of Science*, *ISI Proceedings* and *BIOSIS Previews* for more valuable information relevant to their areas of research (mutual subscription required).

#### Fast Facts about *Derwent Innovations Index*

- Covers nearly 15 million basic inventions from 40 worldwide patent-issuing authorities
- Patent coverage goes back to 1963 and citations back to 1973

## How key *ISI Web of Knowledge* capabilities make research easier:

### The Analyze Tool: Identify crucial trends and patterns

For Dr. Karel Hruska, from The Veterinary Research Institute in Brno, Czech Republic, the Analyze Tool has opened doors to new, productive means of research. This new tool significantly and positively impacted his research on the relationship between *Mycobacterium avium* subsp. *paratuberculosis* (MAP) and Crohn's Disease.

Dr. Hruska first compiled important data by using *Web of Science* to search for articles with the phrase "PARATUBERCULOSIS AND CROHN\*". Then, he used the Analyze Tool to quickly group the results, analyze the published papers, and identify veterinary research trends.

The result was Dr. Hruska's "analysis of publications" paper in the August 2004 edition of *Veterinarni Medicina*. In his paper, he determined that the number of papers linking MAP and Crohn's Disease is increasing, and inferred that the bacterium is increasingly suspected of having involvement in Crohn's Disease. Because the disease affects cattle and other ruminants, such research impacts all aspects of the dairy and beef markets — from farmers to consumers.

### Cross search: One search delivers complete results

A cross search delivers simultaneous access to all the Thomson content a user's library subscribes to, plus relevant Web sites, the library's proprietary collections, and free external publications. A search on "genetically modified foods" will provide results not only from the broad journal literature in *Web of Science* and *Current Contents Connect*, but also from conference proceedings (*ISI Proceedings*) and patent data (*Derwent Innovations Index*), as well as the specially-indexed journal literature in CAB Abstracts® (agricultural data), and FSTA® (food science and technology).

### Search options: Refine your search precisely

Search histories provide for quick and easy search query permutations, saving users time and effort in their research. By combining two different searches and using AND/OR/NOT operators, users can refine their results to include more, less, or even different results to their search. A search on "ozone" might produce 36,000 results, with a search on "pollution" bringing in over 58,000 results. By combining these two searches, a new result set of 3,289 articles was created — a much more manageable results set.



## What your colleagues are saying about *ISI Web of Knowledge*:

"What makes *ISI Web of Knowledge* stand out from the crowd is the synergy created through the most powerful system of cited references that links millions of scholarly papers ... Add to (or rather integrate with) these the most widely used commercial indexing/abstracting databases and you have a powerhouse of scholarly information."

— Péter Jacsó, *Péter's Digital Reference Shelf*

"*Web of Science* makes it possible to conduct cross-disciplinary research and 'drill down' into very specialized subfields within disciplines. The ability to navigate forward or backward within a field of literature, identifying citation patterns and core publications — which have always been a key feature of citation indices — is incredibly easy to conduct with *Web of Science*."

— Sul H. Lee, University of Oklahoma

"*ISI Web of Knowledge* has greatly accelerated our researchers' ability to search for the information they need in their respective fields without useless data returns that only clutter the process. When you save time, you inevitably save money."

— Elenera Almeida, CAPES Consortium, Brazil

### Support

- Context-sensitive online help system
- Web-based usage reporting system
- International technical help desk
- Onsite education and training seminars
- Promotional support

### Find out more

To find out more about *ISI Web of Knowledge* multidisciplinary resources and tools, or for technical inquiries, contact a Thomson Scientific account representative at the office nearest you.



scientific.thomson.com

## Thomson Scientific Regional Head Offices

### Americas

3501 Market Street  
Philadelphia, PA 19104 USA  
Phone: +1 800 336 4474  
+1 215 386 0100  
E-mail: ts.info.na@thomson.com  
Web: scientific.thomson.com

### Europe, Middle East and Africa

14 Great Queen Street  
London WC2B 5DF United Kingdom  
Phone: +44 20 7344 2800  
E-mail: ts.info.emea@thomson.com  
Web: scientific.thomson.com

### Japan

Thomson Corporation K.K.  
Palaceside Bldg. 5F  
1-1-1 Hitotsubashi, Chiyoda-ku  
Tokyo 100-0003 Japan  
Phone: +81 3 5218 6500  
Free dial: 0800 888 8855 (from Japan only)  
E-mail: ts.info.jp@thomson.com  
Web: thomsonscientific.jp

### Asia Pacific

16 Collyer Quay  
#22-00 Hitachi Tower  
Singapore 049318  
Phone: +65 6879 4118  
E-mail: ts.info.asia@thomson.com  
Web: scientific.thomson.com

## Other Thomson Scientific Offices around the World

Sydney, Australia  
Rio de Janeiro, Brazil  
Paris, France  
Munich, Germany  
Hong Kong  
Bangalore, India  
Mexico City, Mexico  
Beijing, People's Republic of China  
Seoul, Republic of Korea  
Taipei, Taiwan  
USA  
Alexandria, Virginia  
Ann Arbor, Michigan  
Carlsbad, California  
East Haven, Connecticut  
Horsham, Pennsylvania  
Lisle, Illinois  
Portland, Maine  
San Jose, California

For complete contact information, visit:  
[scientific.thomson.com/contact](http://scientific.thomson.com/contact)

Thomson Scientific and its products and acronyms used herein are trademarks, service marks, and registered trademarks used under license. Other product names mentioned here are registered trademarks, service marks, and trademarks of their respective owners.