

# Specialized resources



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

Take the next step 

**Biological Abstracts<sup>®</sup>**

**BIOSIS Previews<sup>®</sup>**

**CAB Abstracts<sup>®</sup>**

**Inspec<sup>®</sup>**

**MEDLINE<sup>®</sup>**

**Zoological Record**

**FSTA - Food Science and Technology Abstracts<sup>®</sup>**

## Authoritative, subject-specific resources

Enhanced with the unique advantages of *ISI Web of Knowledge*

Each of these specialized resources offers researchers in-depth content and unique features. And since they're accessed via *ISI Web of Knowledge*, they also offer valuable capabilities such as cross-searching, linking between resources and to the full text, analysis capabilities, personalization and alerting options, and access to in-depth backfile data.

Together, the varied content and capabilities provide unmatched coverage in numerous disciplines, including the life sciences, engineering, mathematics, physics, and agriculture. Every database offers unique strengths, such as specialized search fields and controlled vocabularies. Yet all are accessed through the same interface, making *ISI Web of Knowledge* easy to learn and use.

## Combining superior content on one, intuitive interface lets users:

- **Access the most comprehensive collection of research literature available on a single platform**  
Cross-searching complementary databases, including over one hundred years of archives, assures users of complete, relevant results.
- **Choose from a variety of search options, from Quick Search to CrossSearch to Advanced (Set) Search**  
Researchers can use the method that works best for them.
- **Link directly to cited reference information in *Web of Science<sup>®</sup>***  
Users can navigate from records in a database to citing articles in *Web of Science<sup>®</sup>*\*; then navigate forward and backward in time and through disciplines.
- **Link from resource to resource, to the full text and your library's holdings**  
Link directly to the full text of electronic journals from more than 300 publishers, as well as between *ISI Web of Knowledge* resources and to your holdings
- **Use the Analyze Tool to gain insights into hidden trends and patterns**  
Users can organize records by publication year, institution, language, subject category, and more.

\* Based on your institution's subscription.

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

## Premier databases — integrated into a single platform through *ISI Web of Knowledge*

### Biological Abstracts

An expansive index to the world's life sciences literature, covering over 3,700 journals from more than 100 countries. Provides 11.3+ million records dating back to 1926, over 350,000 records added annually, and abstracts. Also includes BIOSIS indexing enhanced MeSH disease terms, CAS registry numbers, Sequence Databank Numbers updated and expanded, and Major Concepts controlled vocabulary. Updated monthly.

### BIOSIS Previews

The comprehensive source for life sciences and biomedical research from journals, meetings, books and patents; indexes data from over 18 million records from 1926 to the present. *BIOSIS Previews* combines journal content from *Biological Abstracts* with supplemental, non-journal coverage from *Biological Abstracts/RRM® (Reports, Reviews, and Meetings)*. Coverage from nearly 6,000 life sciences journals and non-journal literature; more than 500,000 records added annually. Includes structure indexing, including taxonomic data and terms, enhanced MeSH disease terms, CAS registry numbers, Sequence Databank Numbers, and Major Concepts. Updated weekly.

### CAB Abstracts

International research information in agriculture and all related applied life sciences, produced by CABI *Publishing*. Coverage of global journal articles, academic books, abstracts, published theses, conference proceedings, bulletins, monographs and technical reports from over 140 countries in 50 languages. Contains more than 6.9 million records dating back to 1910, with more than 200,000 records added each year. Includes CAB Thesaurus, CABICODES and CAB Registry Numbers. Updated monthly.

### FSTA - Food Science & Technology Abstracts

The definitive food and beverage R&D database that provides thorough coverage of pure and applied research in food science, food technology, and food-related human nutrition;

produced by IFIS Publishing. The largest food science database currently available, FSTA provides concise, comprehensive summaries of food-related literature found in journals, books, conference proceedings, reports, theses, patents, standards, and legislation. Content from over 90 countries and in 40 languages includes over 732,000 records back to 1969.

FSTA includes value-added abstracts written by specialist scientists and enhanced information content relevant to food science, as well as the FSTA Thesaurus. Updated weekly.

### Inspec

A comprehensive index to literature in physics, electrical/electronic technology, computing, control engineering, and information technology; produced by The Institution of Engineering and Technology. Inspec has more than 10 million records dating back to 1898. More than 350,000 records are added annually from over 3,500 scientific and technical journals, and 2,000 conference proceedings. Specialized search aids include controlled index terms from the Inspec Thesaurus, Inspec Classification codes, structured numerical data indexing, chemical substance controlled indexing, and astronomical object indexing. Updated weekly.

### MEDLINE

The U.S. National Library of Medicine® (NLM®) premier bibliographic database indexes life sciences records from 1950 to the present in biomedicine and life sciences, bioengineering, public health, clinical care, and plant and animal science. With over 16.3 million references to journal articles in the life sciences from over 4,900 worldwide publications in 30 languages, this resource covers journals, newspapers, magazines, and newsletters.

Through *ISI Web of Knowledge*, users can search MEDLINE with or without MeSH terms, NLM's controlled vocabulary thesaurus; search for chemical substances using standard chemical names or CAS registry numbers; link to NCBI databases, and from MEDLINE full records to PubMed Related Articles. *ISI Web of Knowledge* users can also view MEDLINE In-Process records, recently added records that haven't yet been fully indexed.

## Zoological Record

The definitive animal biology resource and the world's leading taxonomic reference provides researchers with unparalleled breadth and depth of coverage of every field in animal biology, including biodiversity, taxonomy, veterinary sciences and wildlife management. *Zoological Record* covers all aspects of zoology, including resources not found elsewhere, and is the world's leading taxonomic reference.

This comprehensive resource includes articles indexed from over 5,000 serials each year, plus non-journal coverage, with 72,000 new records annually, for a total of over 3.4 million records dating back to 1864. *Zoological Record* has long been the unofficial register of animal names, enabling users to determine the first appearance of an animal name in published literature, track changes in the classification and relationships of organisms, and check for new species descriptions. Includes the 6,000-term ZR Thesaurus. Updated monthly.

## Complementary databases create comprehensive research solutions

An example of how *ISI Web of Knowledge* provides comprehensive research solutions for a variety of disciplines can be found in the life sciences.

When you combine *Web of Science*, *Biological Abstracts*, *BIOSIS Previews*, *CAB Abstracts*, *FSTA*, and *MEDLINE* — all on one platform, in the same interface, and fully cross-searchable — you have a comprehensive and powerful life sciences resource.

Each product has a different strength and emphasis. Yet all are integrated within the *ISI Web of Knowledge* platform in a way that provides users with unified, easy-to-use results that offer a complete picture of available research in the field. This benefit is powerfully illustrated with a simple search example: tomatoes.

- *Biological Abstracts* and *BIOSIS Previews* provide biological research.
- *CAB Abstracts* provides insights in how research is applied to agriculture — in this case, perhaps, on the genetic engineering of tomatoes.
- *FSTA* includes data on how genetic engineering can help make bigger, riper tomatoes.
- *MEDLINE* indexes the research on biomedical applications — how these tomatoes affect bodily functions.
- And *Web of Science* delivers comprehensive, multidisciplinary coverage and cited reference searching, so users can discover articles on their topic that may not have been found with other search methods.

The screenshot shows the ISI Web of Knowledge search results page for the query 'tomato'. The interface includes a navigation bar with 'HOME' and 'LOG OFF' options, and a search bar with 'CrossSearch' and 'MARKED LIST' buttons. The search results are displayed in a list format, showing 295 results found. The first five results are visible, each with a title, journal information, and a 'MARK' button. The results include articles on topics such as 'A large, multiple-restaurant outbreak of infection with Shigella flexneri serotype 2a traced to tomatoes', 'Combined dietary intervention with tomato-based foods and soy in men with recurrent asymptomatic prostate cancer', and 'Effects of ingestion of tomatoes, tomato juice and tomato puree on contents of lycopene isomers, tocopherols and ascorbic acid in human plasma as well as on lycopene isomer pattern'.

The screenshot shows the full record page for a specific article from the search results. The article title is 'Plant volatile compounds: Sensory cues for health and nutritional value?'. The record includes the accession number (PREV200600306608), document type (Article), and language (English). The abstract discusses the role of volatile metabolites in food and their nutritional value. The record also includes a table of taxonomic data, chemical data, and additional links.

Taxonomic Data:		Organism Classifier	Organism Name
SUPER TAXA	TAXA NOTES	Animalia [33000]	animal
Animalia	Animals	Hominoidea [6215]	human
Primates, Mammalia, Vertebrata, Chordata, Animalia	Animals, Chordates, Humans, Mammals, Primates, Vertebrates	Solanaceae [26775]	tomato
Dicotyledones, Angiospermae, Spermatophyta, Plantae	Angiosperms, Dicots, Plants, Spermatophytes, Vascular Plants		

## What do your colleagues like best about *ISI Web of Knowledge*?

“The interaction between the different databases, which not only makes access to several resources simultaneously easier and more fluent, but also the databases add value to one another.”

— Manel Ibanez, Universitat de Barcelona

## Discover a wide range of complementary content in essential disciplines

*ISI Web of Knowledge* helps researchers simultaneously explore a comprehensive and complementary range of source materials through one convenient access point. While some overlap assures no gap in coverage, the significant percentage of unique content in each resource delivers a valuable depth and breadth of research data.

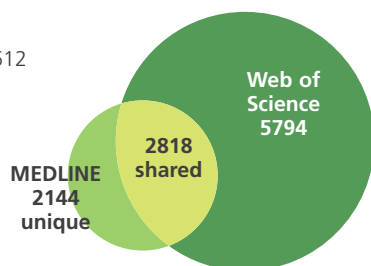
For example, these graphics depict the wide variety of source material covered by three premier *ISI Web of Knowledge* life sciences resources: *Web of Science*, *BIOSIS Previews*, and MEDLINE:

### Relationship between *Web of Science* and MEDLINE coverage

total journals in:

*Web of Science*: 8612

MEDLINE: 4962

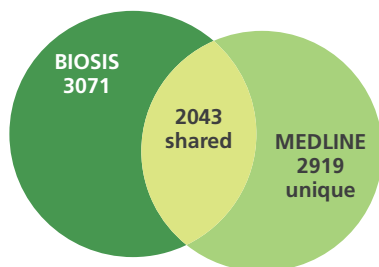


### Relationship between *BIOSIS* and MEDLINE coverage

total journals in:

*BIOSIS*: 5114

MEDLINE: 4962



## TAKE THE NEXT STEP

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



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