

# BIOSIS PREVIEWS®

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## WHAT IS BIOSIS PREVIEWS?

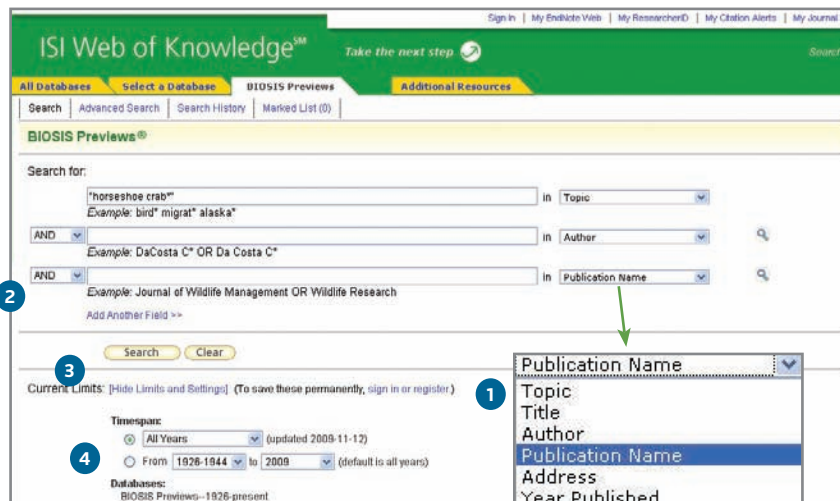
*BIOSIS Previews*® combines the journal literature of *Biological Abstracts*® with *Biological Abstracts/RRM*® (Reports, Reviews, Meetings), and is the largest collection of biological sciences records in the world. *BIOSIS Previews* offers researchers, educators, students, and information professionals comprehensive coverage of life sciences research to meet their information needs. Updated weekly, *BIOSIS Previews* includes over 20 million bibliographic records dating back to 1926. Approximately 600,000 records are added each year. *BIOSIS Previews* monitors nearly 6,000 selectively covered journals as well as a collection of international meetings, conference reports, books, and patents.



THOMSON REUTERS™

**SEARCH**

1. Search by Topic, Author, Source Publication, Publication Year, Address, Taxonomic Data, Major Concepts, Concept Codes, Meeting Information, or other Identifying codes. Use the drop down menu for each search box to choose the area of your search. You can limit your search by original language of publication or document type.
2. Use the drop down menu to change the relationship between each search field to AND, OR, or NOT.
3. Add additional fields for a more complex search.
4. Change the time frame and data limits of your search.



**SEARCH OPERATORS**  
 Search using AND, OR, NOT, and SAME (same sentence) to create logical search statements. Nest search operators inside parentheses. Search exact or truncated phrases inside quotations marks.

**TRUNCATION SYMBOLS**  
 Use truncation to retrieve plurals and variant spellings  
 \* = zero to many characters  
 ? = one character  
 \$ = zero or one character

**FULL RECORD**

**1. TITLES**

Titles are indexed as they appear in the source document. Foreign language titles are translated into US English and the original title is retained below the translation.

**2. AUTHORS**

Up to 100 authors are indexed and searchable. If more than 100 authors are included in the source document, the first 99 names are included and the notation "et al" appears.

**3. SOURCE INFORMATION**

Journal title, volume, issue, pagination, and publication date display here. The ISSN/ISBN appears below the Abstract.

**4. ABSTRACT**

The English language author abstract of the source document appears here. Foreign Language abstracts are not retained. For entries from books, the abstract field contains a non-critical summary of the book. Over 90% of journal articles contain author-written abstracts.

**5. DOCUMENT TYPE**

The Document Type tells you whether this record corresponds to a journal article, a meeting, a book, or a patent.

**6. LANGUAGE**

The address for the reprint author as identified by the source article is indexed and searchable. In the event that a reprint author is not identified, the first listed address is indexed and searchable.

**7. ADDRESSES**

The address for the reprint author as identified by the source article is indexed and searchable. In the event that a reprint author is not identified, the first listed address is indexed and searchable..



If your institution has access to Web of Science, you may see additional information in the blue sidebar.

Click the **Cited By** number to move to the articles that have cited this article in Web of Science. The bibliographic information for the three latest articles to cite this article will automatically display with the full record.

Click **View Related Records** to find articles that have cited the same earlier materials.

Click **Create Citation Alert** to be notified when the article is cited by any new Web of Science record. Citation Alerts will remain active for one year, but can be renewed at any time.

**FULL RECORD (CONTINUED)**

**8. MAJOR CONCEPTS**

The Major Concepts headings identify the main focus of the article. There are 168 Major Concept terms/phrases. Every source record has at least one Major Concept identified, but may have as many as apply to the article.

**9. CONCEPT CODES**

Concept Codes are 5-digit codes used to represent broad biological concepts discussed in the source. There are 571 Concept Codes in the Indexing system. Every record has at least one Concept Code and may have as many as apply to the article. Both the 5-digit codes and their headings display and are searchable.

**10. BIOSIS INDEXING FIELDS**

Assigned by BIOSIS indexers, these fields represent important themes from the source. Available Indexing fields are: Organisms, Parts, Structures, and Systems of Organisms, Diseases, Chemicals and Biochemicals, Gene Name, Sequence Data, Geological Time, Geopolitical Location, and Methods and Equipment. Indexing fields vary in years of coverage from 1993-forward.

**11. MISCELLANEOUS DESCRIPTORS**

When an indexer encounters a term that does not fit into a BIOSIS indexing field, they are placed under the Miscellaneous Descriptors field.

**8 Major Concepts:** Immune System (Chemical Coordination and Homeostasis); Molecular Genetics (Biochemistry and Molecular Biophysics)

**9 Concept Code:** 03502, Genetics - General; 03506, Genetics - Animal; 10062, Biochemistry studies - Nucleic acids, purines and pyrimidines; 10066, Biochemistry studies - Lipids; 10068, Biochemistry studies - Carbohydrates; 16504, Reproductive system - Physiology and biochemistry; 25502, Development and Embryology - General and descriptive; 31000, Physiology and biochemistry of bacteria; 31500, Genetics of bacteria and viruses; 34502, Immunology - General methods; 64006, Invertebrata: comparative, experimental morphology, physiology and pathology - Porifera; 64054, Invertebrata: comparative, experimental morphology, physiology and pathology - Arthropoda: crustacea

Super Taxa	Taxa Notes	Organism Classifier	Organism Name	Variant
Microorganisms	Bacteria, Eubacteria, Microorganisms	Bacteria [05000]	bacteria	
Crustacea, Arthropoda, Invertebrata, Animalia	Animals, Arthropods, Crustaceans, Invertebrates	Malacostraca [76112]	Tachypleus tridentatus	horseshoe crab
Invertebrata, Animalia	Animals, Invertebrates	Porifera [39000]	Ephydatia fluviatilis	freshwater sponge
			Suberites domuncula	marine sponge

**Chemical Data:**

Chemical Name	Variant	Details
mRNA	messenger RNA	
bacterial lipopolysaccharide		
galactose-binding protein	GBP	growth regulator
tachylectin1/lectinL6		growth regulator

**Gene Name Data:**

Term	Details
Ephydatia fluviatilis silicateingene	
Ephydatia fluviatilis lectingene	expression

**Parts and Structures Data:**

Term	Organ Systems
reproductive system	reproductive system
spicule	
sclerocyte	
archeocyte	embryonic structure

**11 Miscellaneous Descriptors:** innate immunity, germination, asexual reproduction, stem cell differentiation

**REFINE AND ANALYZE**

**1. REFINE YOUR RESULTS**

Use Refine to mine a set of up to 100,000 results to find the top 100 Major Concepts, Subject Areas, Source Titles, Document Types, Authors, Concept Codes, Super Taxa, Assignees, Publication Years, Languages and Literature Types.

**2. SORT RESULTS**

Sort up to 100,000 records by:

- Latest Date (default)
- Relevance
- Publication Year
- Source Title
- First Author
- Conference Title

**3. ANALYZE RESULTS**

Like Refine, with Analyze you can mine a set of up to 100,000 results. With Analyze you can output the results to Microsoft® Excel to create your own graphs.

**4. OUTPUT RECORDS OR SAVE TO ENDNOTE WEB**

Output records, add to your Marked List, or save to EndNote Web. Quickly print, e-mail or save to a temporary marked list (500 records maximum), or save permanently to EndNote Web (10,000 max). Click "more options" to save a range of records, adjust your saved fields, or export directly to ResearchSoft reference software (EndNote, Reference Manager, and ProCite) you have installed on your desktop.

The screenshot shows the BIOSIS Previews search results page for the topic "horseshoe crab". It includes a search bar, navigation options, and a list of search results. Key features are highlighted with numbered callouts:

- 1:** Refine Results sidebar with filters for Major Concepts, Document Types, Authors, Source Titles, Subject Areas, and Publication Years.
- 2:** Sort by Latest Date dropdown menu.
- 3:** Analyze Results button.
- 4:** Action buttons for each result: Print, E-mail, Add to Marked List, Save to EndNote Web, and Save to EndNote, RefMan, ProCite.

At the bottom, the Output Records section shows options for Step 1 (Selected records on page, All records on page, Records range) and Step 2 (Authors, Title, Source, plus Abstract, Full Record). Step 3 provides options for saving records to EndNote Web, Reference Manager, or ProCite, and includes a "Save to other Reference Software" dropdown.

**PERSONALIZE**

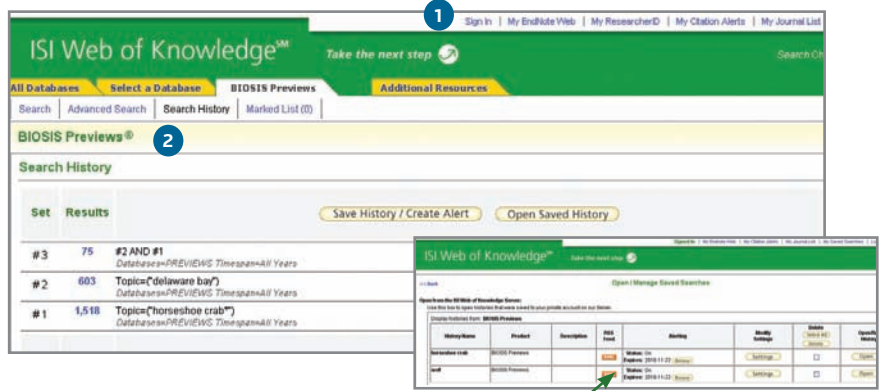
**1. CREATE PERSONAL PROFILE**

Any BIOSIS Previews user can create a personal ISI Web of Knowledge profile to take advantage of powerful personalization options. You can create a private user profile from the ISI Web of Knowledge home page (Click "Home" in the top tool bar to find the ISI Web of Knowledge homepage.) The user profile allows you to create:

- Unlimited saved searches and search alerts
- An Endnote Web library of up to 10,000 references

**2. SAVE SEARCHES AND CREATE SEARCH ALERTS**

Save any search of up to 20 sets as a Search History or an Alert. Alerts will be based on the last set in your history. You can choose the frequency and form of the alert. Alerts will remain active for 24 weeks but can be renewed at anytime. If an alert expires, it will remain as a saved search strategy in your personal profile until you delete it. Searches can also be saved as RSS feeds; simply click the XML icon after clicking Save History.

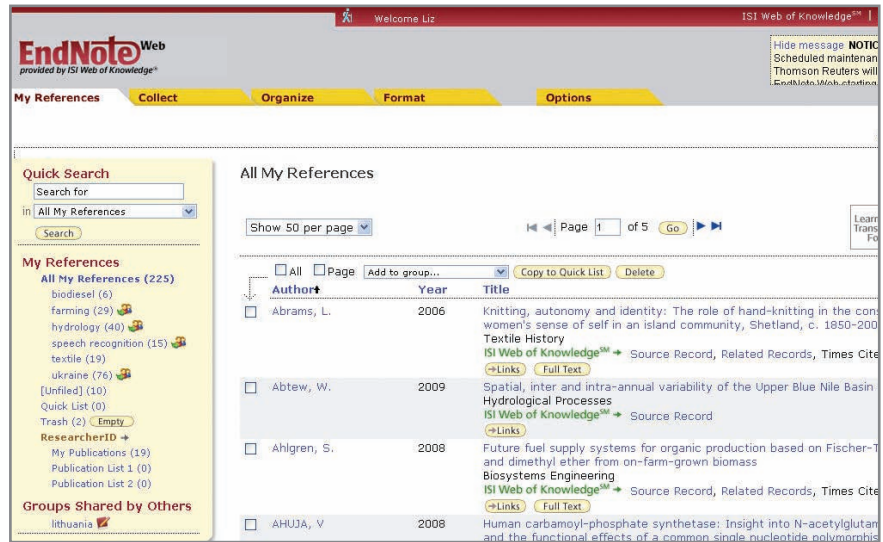


- Click "Renew" to set a new expiration date for any alert.
- Click "Settings" to turn alerts on or off.
- Click "Open" to run the saved search
- Click XML to set an RSS Feed

**MANAGE**

**ENDNOTE WEB**

Save up to 10,000 records in your EndNote Web library. EndNote Web also allows you to add and format references in a document and search other online databases and library catalogs. References imported from ISI Web of Knowledge resources will remain marked with an EndNote Web icon and you can link back to the full record and view up-to-date citation information. EndNote Web also allows you to add and format citations to documents you are writing and perform searches of other online databases. Once you have created your EndNote Web library you can access your library at any time, either from your Web of Knowledge profile or by going to www.myendnoteweb.com and using your ISI Web of Knowledge user ID and password.



**GETTING HELP**

Click the **Help** button on any page to get detailed help on features as well as detailed search tips and examples.

Contact the Technical Help Desk for your region at:  
[science.thomsonreuters.com/support/techsupport](http://science.thomsonreuters.com/support/techsupport)

Contact the education team at:  
[science.thomsonreuters.com/support/training/contacttraining/](http://science.thomsonreuters.com/support/training/contacttraining/)

To view a recorded training module, visit:  
[science.thomsonreuters.com/support/recorded-training/](http://science.thomsonreuters.com/support/recorded-training/)

Interested in more tips and tricks?  
For ongoing Web-based training, visit:  
[science.thomsonreuters.com/support/training/webtraining](http://science.thomsonreuters.com/support/training/webtraining)

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