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# eviews

## Subject Coverage – Life Sciences

- Agriculture
- Biochemistry and Molecular Biophysics
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- Cell Biology
- Computational Biology
- Genetics
- Infection
- Pharmacology
- Systematics and Taxonomy
- Toxicology
- Tumor Biology
- Zoology

## s

- Coverage from 1926 ï present
- Nearly 600,000 records added annually
- Updated Weekly
- Sources of data, >90 countries
- Sources (types of literature)
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  - Meetings, Conference
  - Reviews of books, software
  - Books, book chapters
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This material is not indexed within the Web of Science, nor MEDLINE.

It is the coverage of additional sources, beyond the journal literature, that makes BIOSIS Previews a truly comprehensive Life Sciences resource.

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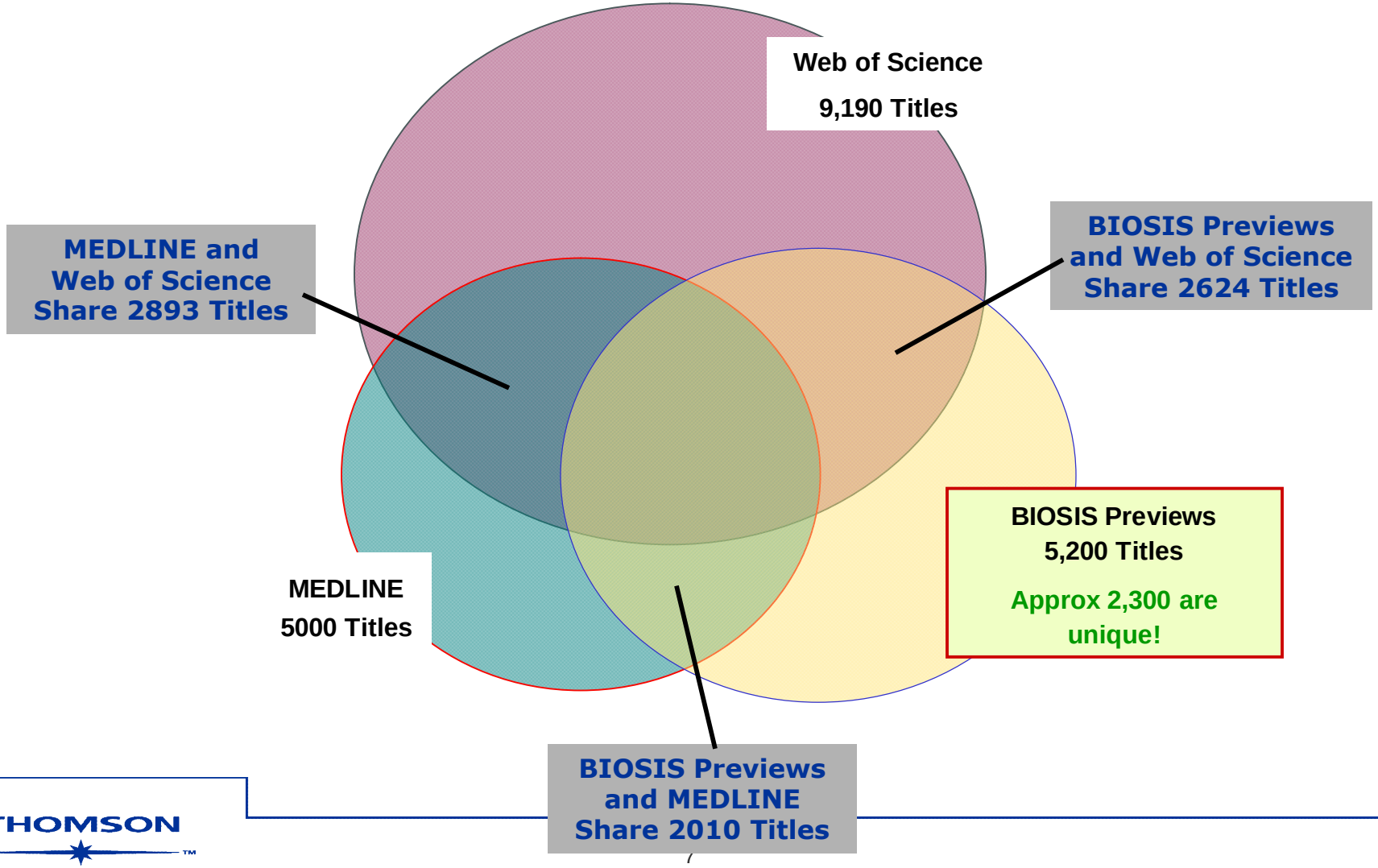
## *Unique Journals & Serials Coverage in each Database*



# s ï Detailed Indexing

Degreed biologists ï understanding of the content ï index the records in BIOSIS databases.

**Relational Indexing** - When BIOSIS indexes a publication, it preserves the keywords from the original document (natural language) in context by placing them into the appropriate field - such as title, author, organism, gene name, etc.

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## s ï Detailed Indexing

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| | |
|---|---|
| Major Concepts | Concept Code(s) |
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| Sequence Data | Geographic Data |
| Geologic Time Data | Methods and Equipment Data |
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- Digitization of the historical Biological Abstracts print archive, 49 volumes published 1926 to 1968
- Includes approximately ***3.5 million records***
- Value added indexing consistent throughout the entire archive
- Organism Classifiers and Super Taxa terms, as well as other fields, that may not have been present in the original text were added. Some of these terms did not exist at the time the original articles were written.
- Value added abstracts, many unique to BIOSIS
  - Because many of the original articles did not include an abstract, the BIOSIS abstracts are incredibly valuable for obtaining descriptive information on the article content.
  - Written by respected researchers in the life sciences. Some of the authors are now renowned leaders in their respective fields of research.

**The chromosomes of R. scutatus**

**Foreign Title:** Uber die Chromosomen von Rumex scutatus

**Author(s):** NODA, KOI

**Source:** JAPANESE JOUR BOT 3 ((1)) : 21-24 1926

**Abstract:** The author studied meiosis in the microsporocytes, finding 10 pairs of chromosomes, the homologue being of like size and form. One pair of homologous chromosomes was larger and disjoined later in the 1st meiotic mitosis than the other smaller pairs. The results obtained by other workers on Rumex are summarized.

ABSTRACT AUTHORS: B. McClintock

Barbara McClintock

The Nobel Prize in Physiology or Medicine 1983

"for her discovery of mobile genetic elementsò

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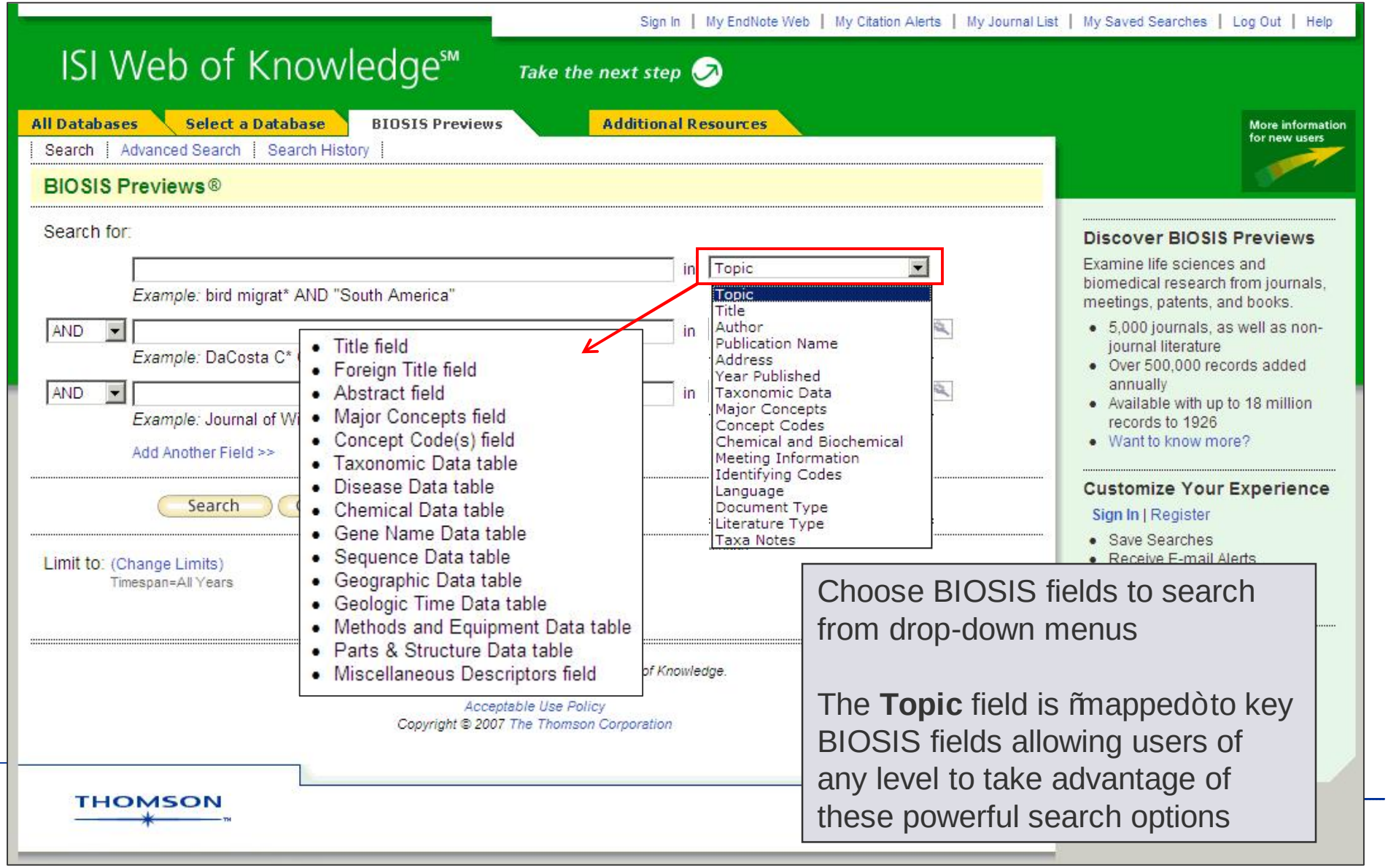


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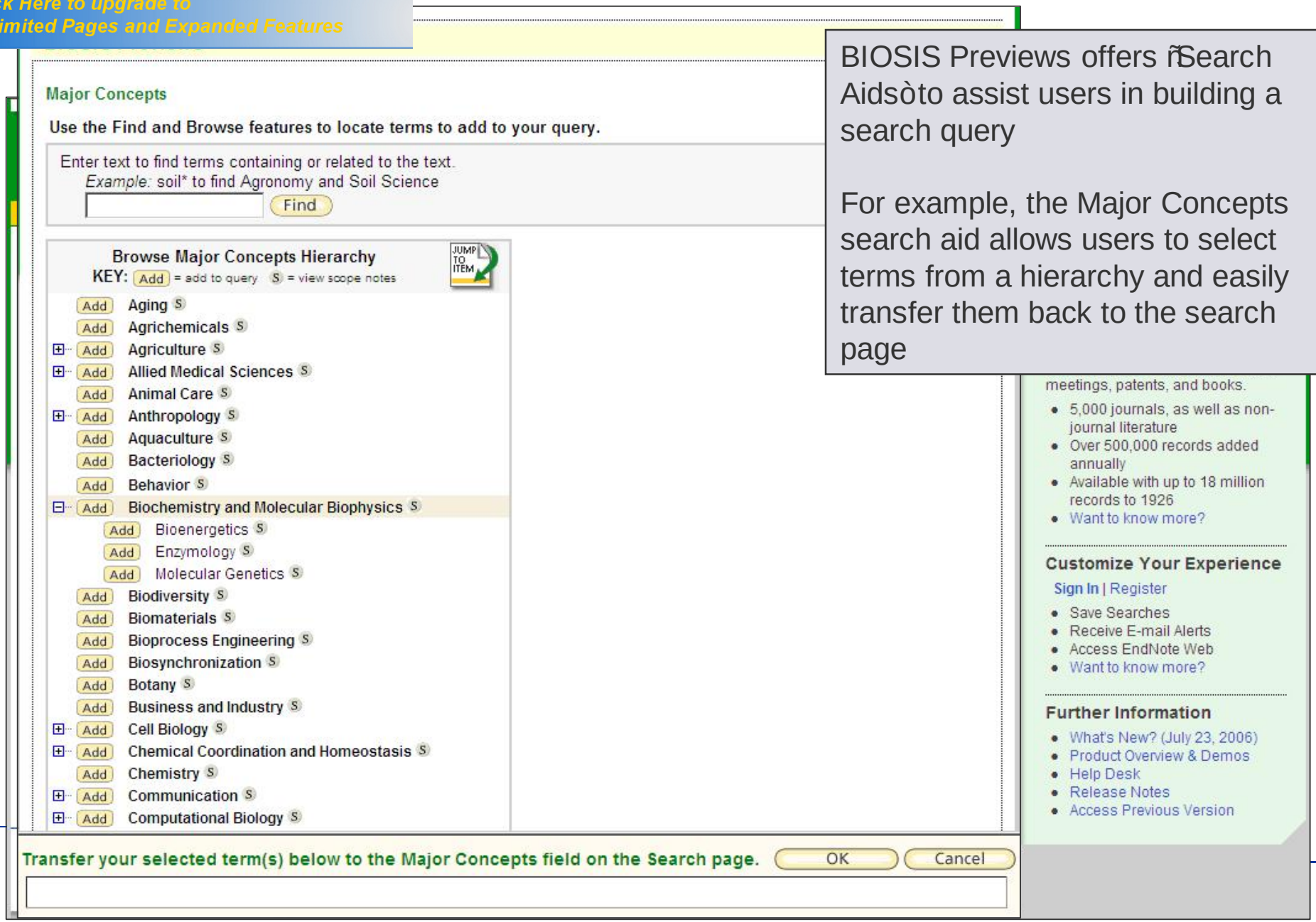

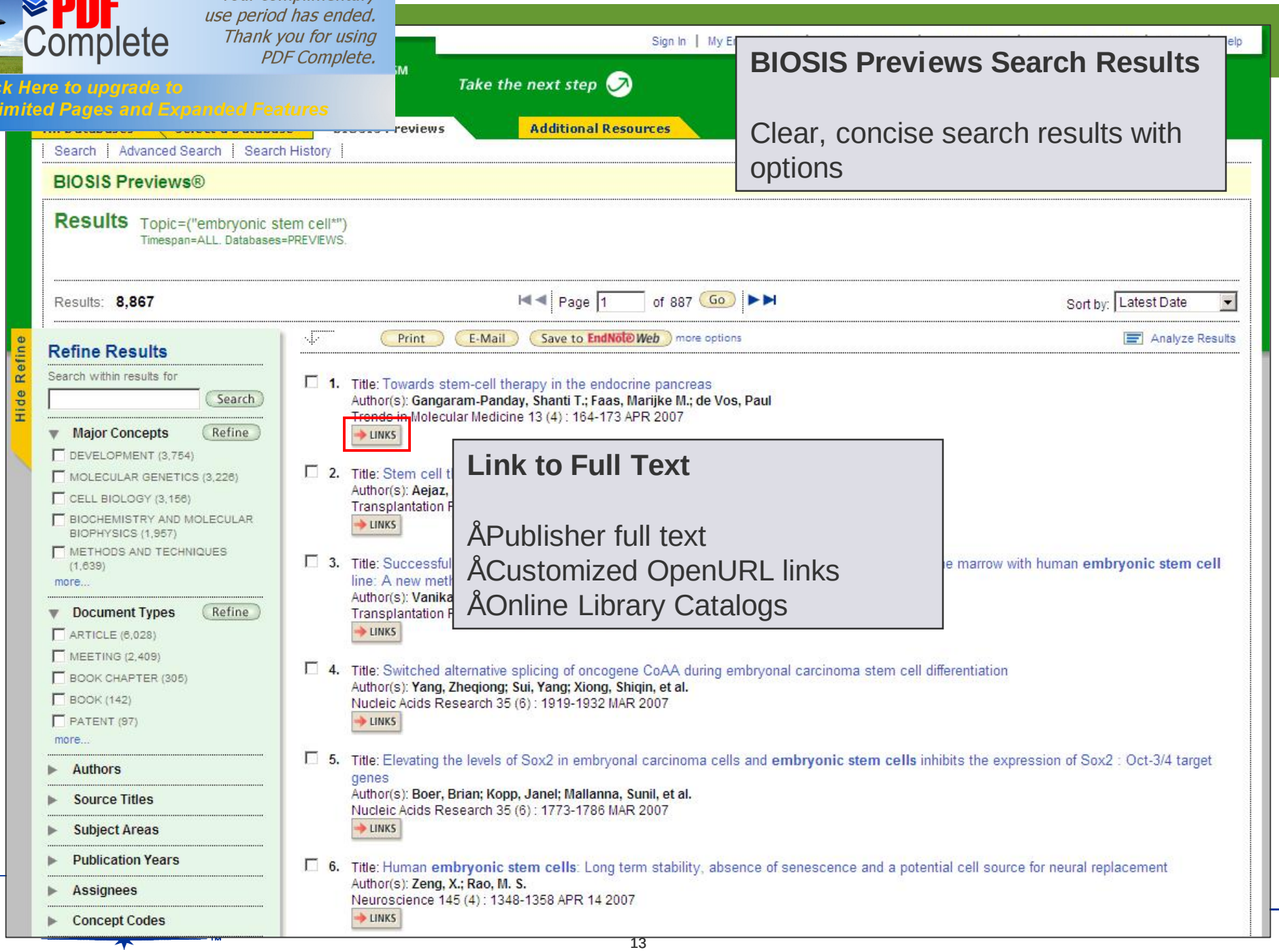


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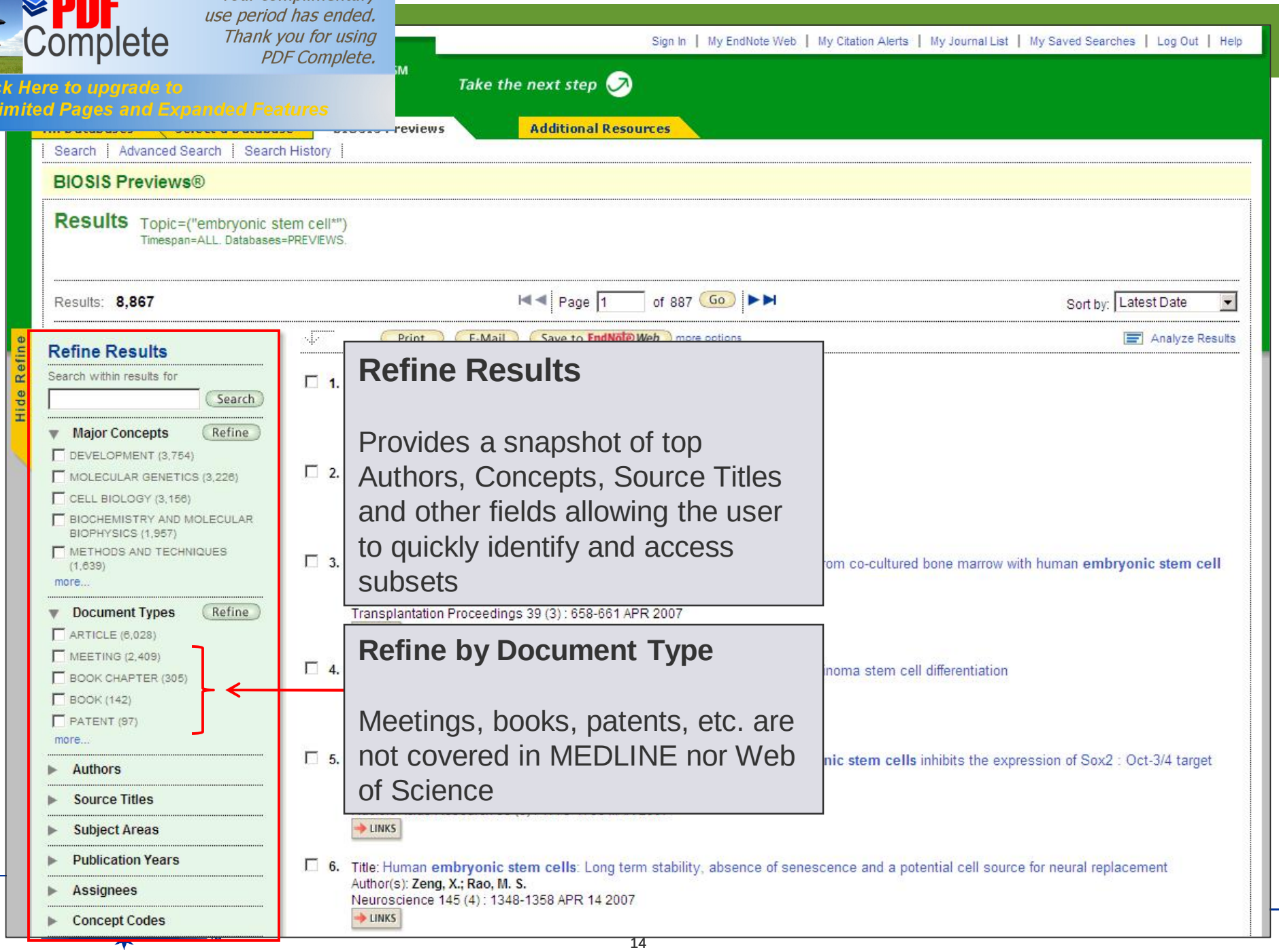


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## Refine by Document Type

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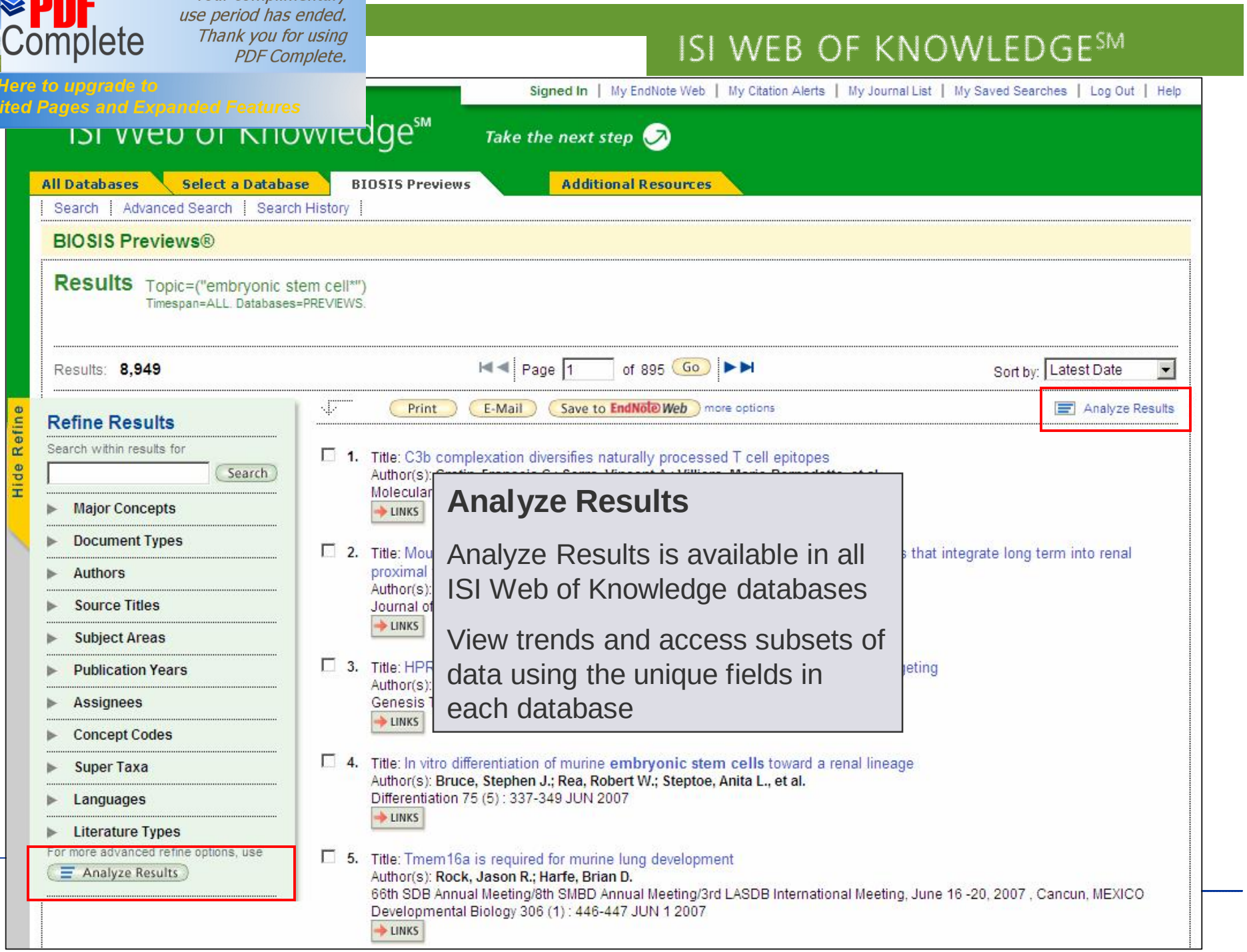

## Analyze Results

Recognize trends and access subsets by:

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Author
Concept Code
Document Type
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Major Concepts
Publication Year
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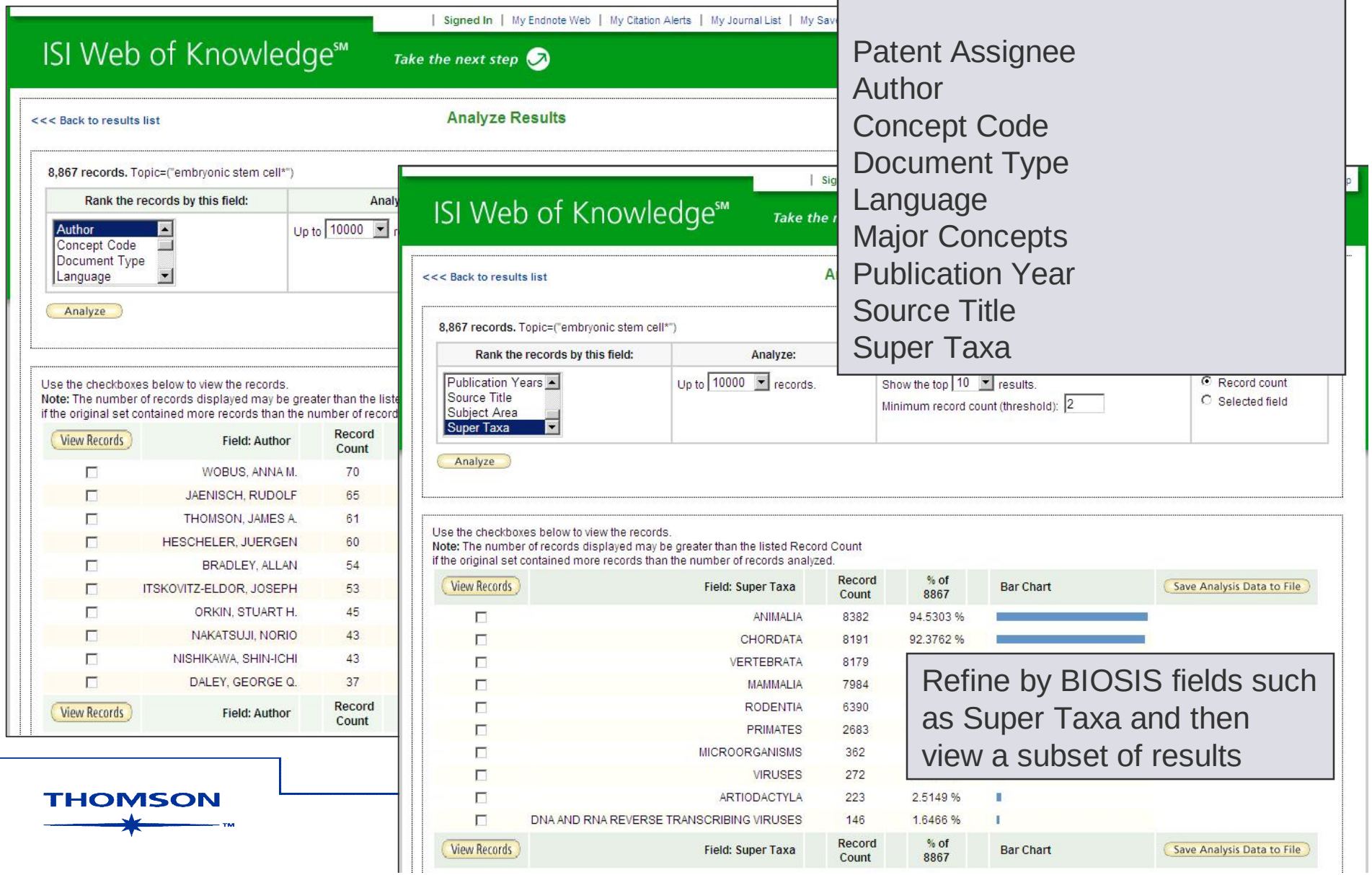
Super Taxa

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### C3b complexation diversifies naturally processed T cell epitopes

**Author(s):** Cretin, Francois C.; Serra, Vincent A.; Villiers, Marie-Bernadette; Laharie, Anne-Marie; Marche, Patrice N. (Patrice.Marche@ujf-grenoble.fr); Gabert, Francoise M.

**Source:** Molecular Immunology 44 (11) : 2893-2899 APR 2007

**Abstract:** In addition to its well-established role in innate immunity, the complement component C3 is of critical importance in modulating the humoral response. In this study, we examined the effect of C3b linkage to tetanus toxin (TeNT) in the production of antigenic peptides inside human APC. We purified HLA-DR associated peptides isolated either from TeNT or TeNT-C3b pulsed cells. This study revealed that TeNT-C3b derived antigenic peptides are different and more numerous than TeNT derived peptides. This increased production of antigenic peptides correlated with a C3b-induced TeNT modific… favour of a new role for C3b in the modulation of T cell epitope during antigen processin…


**Accession Number:** PREV200700404877

**Document Type:** Article

**Address:** Marche, Patrice N. ; Univ Grenoble 1, INSERM, Commissariat Energie Atom, Dept Reponse and Dynam Cellulaires,Unite 548, 17 Rue Martyrs, F-38054 Grenoble, France

**ISSN:** 0161-5890

**Major Concepts:** Pharmacology; Toxicology; Blood and Lymphatics (Transport and Circulation); Immune System (Chemical Coordination and Homeostasis)

**Concept Code:** 02506, Cytology - Animal; 12512, Pathology - Therapy; 15002, Blood - Blood and lymph studies; 15004, Blood - Blood cell studies; 22002, Pharmacology - General; 22018, Pharmacology - Immunological processes and allergy; 22501, Toxicology - General and methods ; 34502, Immunology - General and methods

**Taxonomic Data:**

| Super Taxa | Taxa Notes | Organism Classifier | Organism Name | Details |
|---|---|---|---|---|
| Rodentia, Mammalia, Vertebrata, Chordata, Animalia | Animals, Chordates, Mammals, Nonhuman Vertebrates, Nonhuman Mammals, Rodents, Vertebrates | Muridae [86375] | 4.2 cell line | mouse embryonic stem cells |

**Chemical Data:**

| Chemical Name | Variant | Drug Modifier | Details |
|---|---|---|---|
| tetanus toxin | TeNT | | toxin |
| C3b | | immunologic-drug, immunostimulant-drug | |

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C3b complexation

Author(s): Cretin, Francois grenoble.fr); Gabert, Franc

Source: Molecular Immun

Abstract: In addition to its modulating the humoral re antigenic peptides inside h This study revealed that Te increased production of an favour of a new role for C3l rights reserved.

Accession Number: PREV

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Address: Marche, Patrice I 17 Rue Martyrs, F-38054 G

ISSN: 0161-5890

Major Concepts: Pharmac and Homeostasis)

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Taxonomic Data:

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Source: MOLECULAR IMMUNOLOGY Volume: 44 Issue: 11 Pages: 2893-2899 Published: APR 2007

Times Cited: 0 References: 56

Abstract: In addition to its well-established role in innate immunity, the complement component C3 is of critical importance in modulating the humoral response. In this study, we examined the effect of C3b linkage to tetanus toxin (TeNT) in the production of antigenic peptides inside human APC. We purified HLA-DR associated peptides isolated either from TeNT or TeNT-C3b pulsed cells. This study revealed that TeNT-C3b derived antigenic peptides are different and more numerous than TeNT derived peptides. This increased production of antigenic peptides correlated with a C3b-induced TeNT modification of proteolysis. These findings argue in favour of a new role for C3b in the modulation of T cell epitope during antigen processing and presentation. (c) 2007 Elsevier Ltd. All rights reserved.

Language: English

Document Type: Article

Author Keywords: antigen presentation; complement; HLA-DR; tetanus toxin; T cell

KeyWords Plus: MHC CLASS-II; ANTIGEN-PRESENTING CELL; COMPLEMENT C3B; HLA-DM; MOLECULAR ADJUVANT; ADAPTIVE IMMUNITY; COVALENT BINDING; IN-VIVO; B-CELLS; PEPTIDES

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E-mail Addresses: Patrice.Marche@ujf-grenoble.fr

Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD ENGLAND

Subject Category: Biochemistry & Molecular Biology; Immunology

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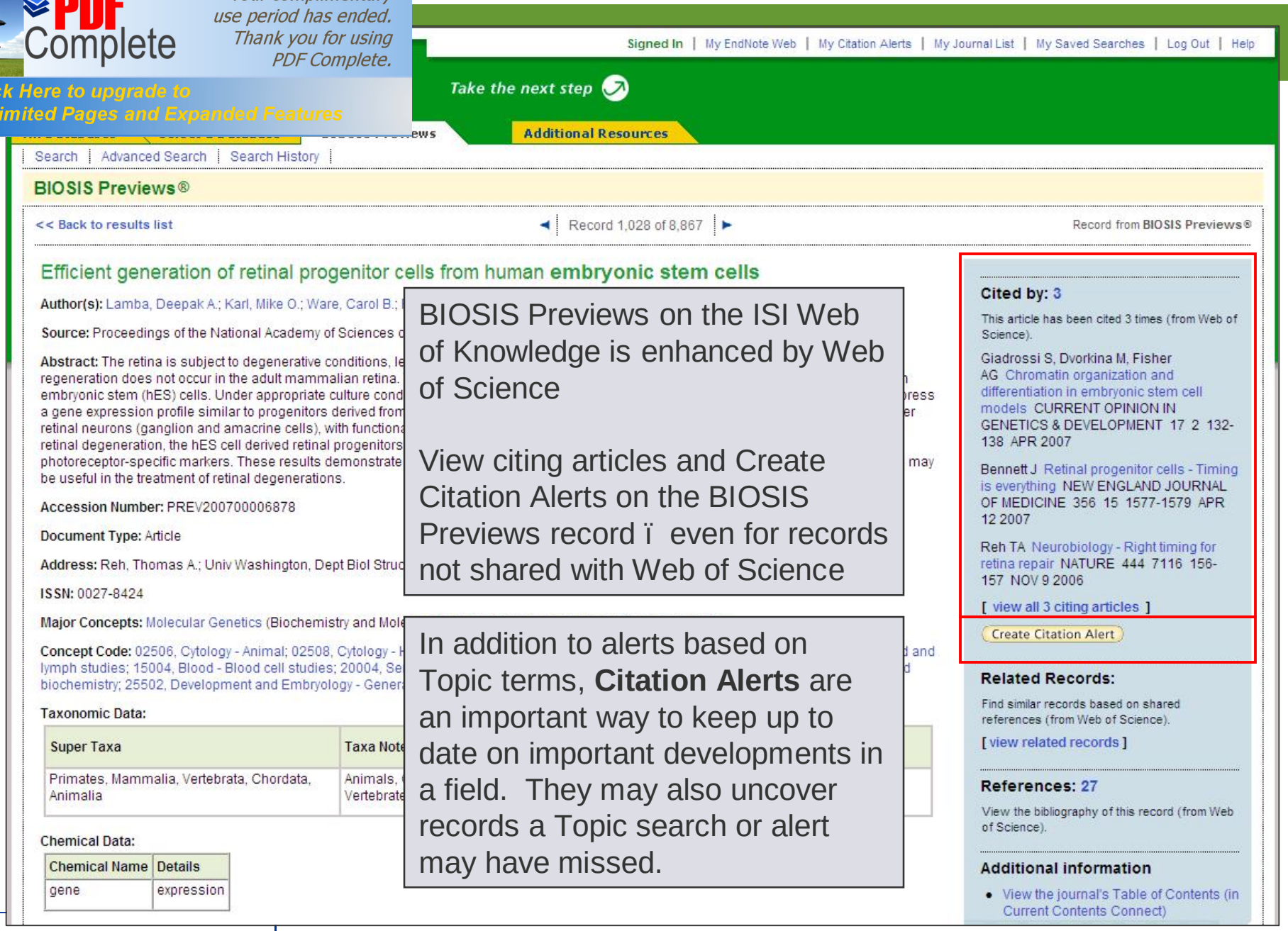


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HISTOTYPIC DIFFEREN
CURRENT EYE RESEAR
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NATURE 391 : 357 1998
6. HEMMATIBRIVANLO A
FOLLISTATIN, AN ANTAG
CELL 77 : 283 1994
7. IKEDA H
Generation of Rx(+)/Pax(
PROCEEDINGS OF THE
8. ITSYKSON P
Derivation of neural prec
MOLECULAR AND CELL
9. KIM JH
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ration of retinal progenitor cells from human embryonic stem cells
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| 2. | Title: Current advances in the treatment of Parkinson's disease with stem cells<br>Author(s): Trzaska KA, Rameshwar P<br>Source: CURRENT NEUROVASCULAR RESEARCH Volume: 4 Issue: 2 Pages: 99-109 Published: MAY 2007<br>Times Cited: 0 | 121 | 5 |
| 3. | Title: Neural induction and neural stem cell development<br>Author(s): Dang L, Tropepe V<br>Source: REGENERATIVE MEDICINE Volume: 1 Issue: 5 Pages: 635-652 Published: SEP 2006<br>Times Cited: 0 | 134 | 5 |
| 4. | Title: Current status of human embryonic stem cell research<br>Author(s): Reubinoff B<br>Source: REPRODUCTIVE BIOMEDICINE ONLINE Volume: 14 Pages: 121-124 Published: FEB 2007<br>Times Cited: 0 | 33 | 5 |
| 5. | Title: Enhanced yield of neuroepithelial precursors and midbrain-like dopaminergic neurons from human embryonic stem cells using the bone morphogenic protein antagonist Noggin<br>Author(s): Sonntag KC, Pruszak J, Yoshizaki T, et al.<br>Source: STEM CELLS Volume: 25 Issue: 2 Pages: 411-418 Published: FEB 2007<br>Times Cited: 1 | 39 | 5 |
| 6. | Title: Multipotent adult progenitor cell lines originating from the peripheral blood of green fluorescent protein transgenic swine<br>Author(s): Price EM, Prather RS, Foley CM<br>Source: STEM CELLS AND DEVELOPMENT Volume: 15 Issue: 4 Pages: 507-522 Published: AUG 2006<br>Times Cited: 0 | 74 | 5 |
| 7. | Title: In vitro induction of neural differentiation of embryonic stem (ES) cells closely mimics molecular mechanisms of embryonic brain development<br>Author(s): Cazillis M, Rasika S, Mani S, et al.<br>Source: PEDIATRIC RESEARCH Volume: 59 Issue: 4 Pages: 48R-53R Published: APR 2006<br>Times Cited: 0 | 63 | 5 |
| 8. | Title: Bone morphogenetic protein signalling and vertebrate nervous system development<br>Author(s): Liu AM, Niswander LA<br>Source: NATURE REVIEWS NEUROSCIENCE Volume: 6 Issue: 12 Pages: 945-954 Published: DEC 2005<br>Times Cited: 7 | 117 | 5 |

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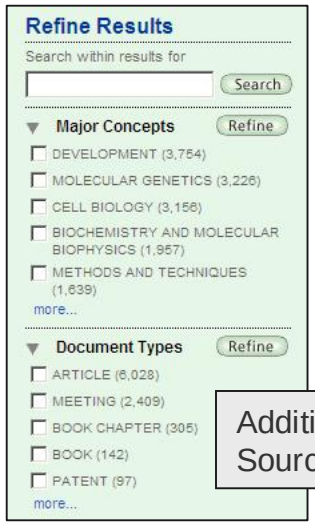
- Source Titles
- Publication Years
- Institutions
- Languages
- Countries/Territories

For more advanced refine options, use Analyze Results

| | | Cited Refs | Shared Refs |
|---|---|---|---|
| 1. | Title: Neural induction: New achievements and prospects<br>Author(s): Zaraisky AG<br>Source: MOLECULAR BIOLOGY Volume: 41 Issue: 2 Pages: 173-186 Published: APR 2007<br>Times Cited: 0 | 97 | 5 |
| 2. | Title: Current advances in the treatment of Parkinson's disease with stem cells<br>Author(s): Trzaska KA, Rameshwar P<br>Source: CURRENT NEUROVASCULAR RESEARCH Volume: 4 Issue: 2 Pages: 99-109 Published: MAY 2007<br>Times Cited: 0 | 121 | 5 |
| 3. | Title: Neural induction and neural stem cell development<br>Author(s): Dang L, Tropepe V<br>Source: REGENERATIVE MEDICINE Volume: 1 Issue: 5 Pages: 635-652 Published: SEP 2006<br>Times Cited: 0 | 134 | 5 |
| 4. | Title: Current status of human embryonic stem cell research<br>Author(s): Reubinoff B<br>Source: REPRODUCTIVE BIOMEDICINE ONLINE Volume: 14 Pages: 121-124 Published: FEB 2007<br>Times Cited: 0 | 33 | 5 |
| 5. | Title: Enhanced yield of neuroepithelial precursors and midbrain-like dopaminergic neurons from human embryonic stem cells using the bone morphogenic protein antagonist Noggin<br>Author(s): Sonntag KC, Pruszak J, Yoshizaki T, et al.<br>Source: STEM CELLS Volume: 25 Issue: 2 Pages: 411-418 Published: FEB 2007<br>Times Cited: 1 | 39 | 5 |
| 6. | Title: Multipotent adult progenitor cell lines originating from the peripheral blood of green fluorescent protein transgenic swine<br>Author(s): Price EM, Prather RS, Foley CM<br>Source: STEM CELLS AND DEVELOPMENT Volume: 15 Issue: 4 Pages: 507-522 Published: AUG 2006<br>Times Cited: 0 | 74 | 5 |
| 7. | Title: In vitro induction of neural differentiation of embryonic stem (ES) cells closely mimics molecular mechanisms of embryonic brain development<br>Author(s): Cazillis M, Rasika S, Mani S, et al.<br>Source: PEDIATRIC RESEARCH Volume: 59 Issue: 4 Pages: 48R-53R Published: APR 2006<br>Times Cited: 0 | 63 | 5 |
| 8. | Title: Bone morphogenetic protein signalling and vertebrate nervous system development<br>Author(s): Liu AM, Niswander LA<br>Source: NATURE REVIEWS NEUROSCIENCE Volume: 6 Issue: 12 Pages: 945-954 Published: DEC 2005<br>Times Cited: 7 | 117 | 5 |

# BIOSIS Previews and Web of Science

Search both databases on the Web of Knowledge for a more complete picture of research in a field



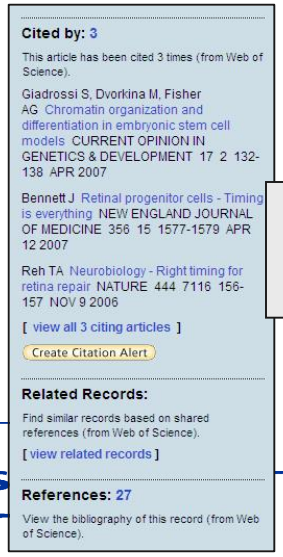

**BIOSIS Previews**

Taxonomic Data:

| Super Taxa | Taxa Notes | Organism Classifier | Organism Name | Details |
|---|---|---|---|---|
| Rodentia, Mammalia, Vertebrata, Chordata, Animalia | Animals, Chordates, Mammals, Nonhuman Vertebrates, Nonhuman Mammals, Rodents, Vertebrates | Muridae [86375] | 4.2 cell line | mouse embryonic stem cells |

BIOSIS Previews Indexing

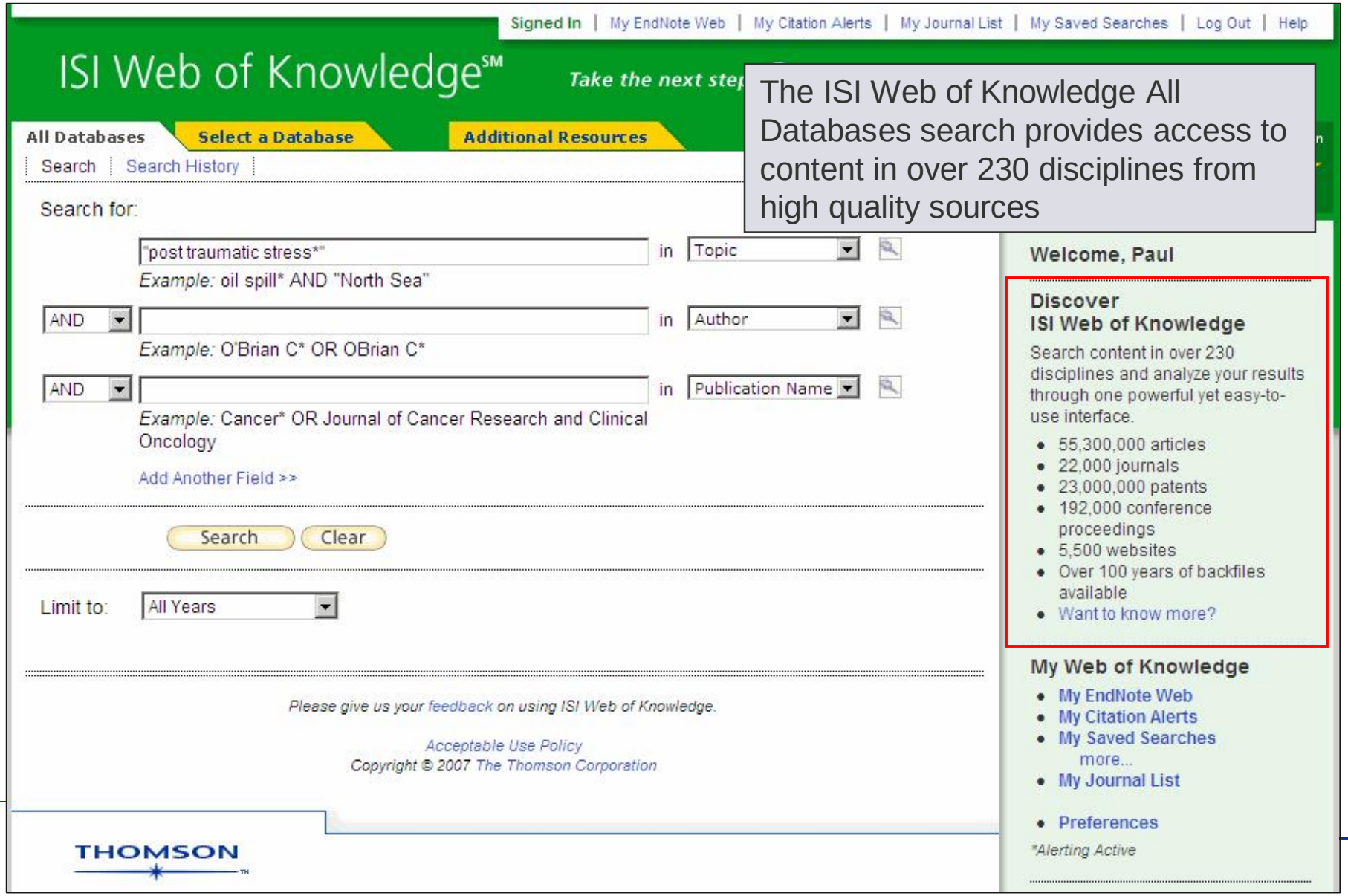
Additional BIOSIS Previews Sources




**Web of Science**

Cited By, Related Records, and References links in BIOSIS Previews and Web of Science

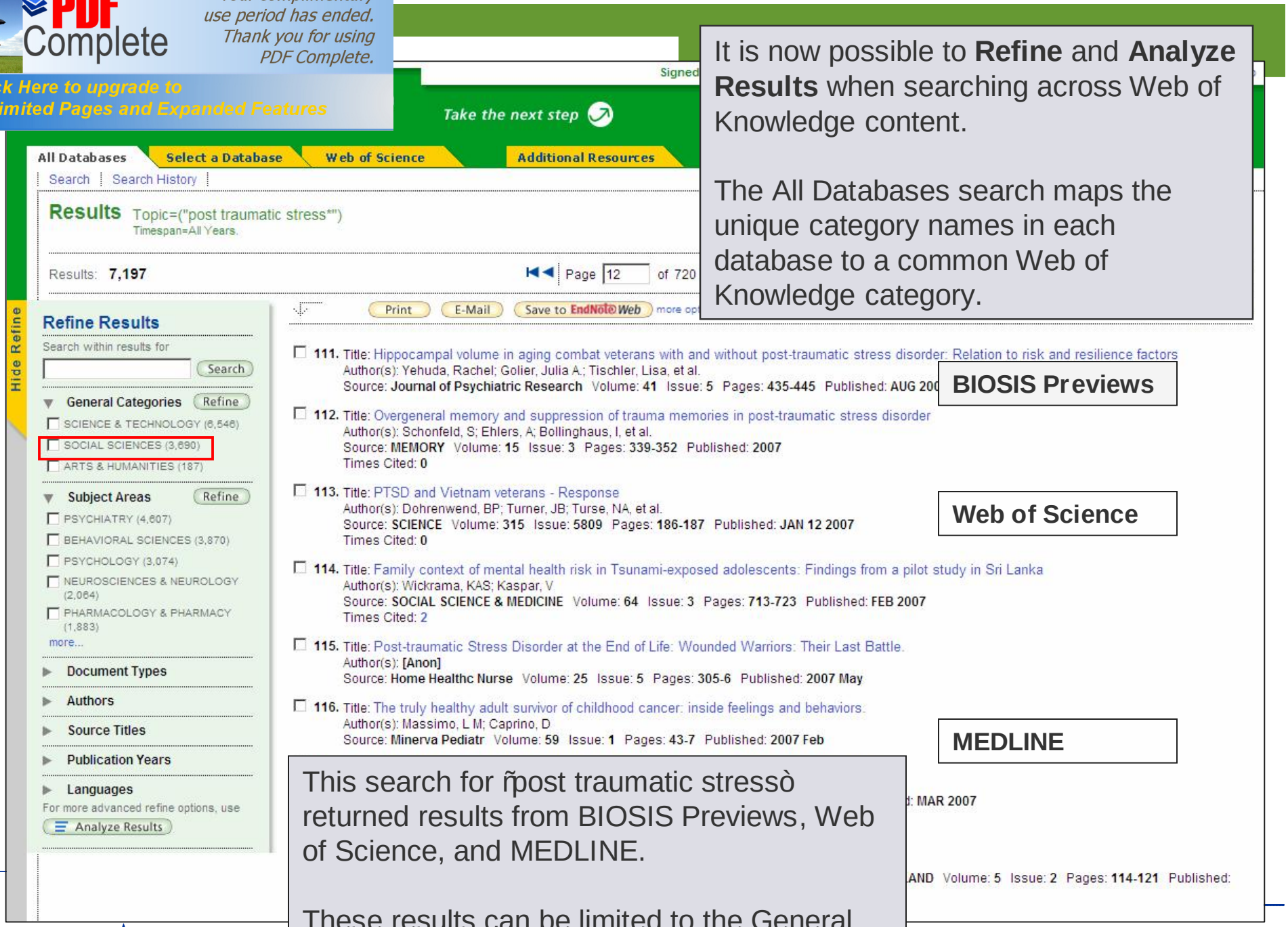
# Categories




The ISI Web of Knowledge All Databases search provides access to content in over 230 disciplines from high quality sources

It is now possible to **Refine** and **Analyze Results** when searching across Web of Knowledge content.

The All Databases search maps the unique category names in each database to a common Web of Knowledge category.

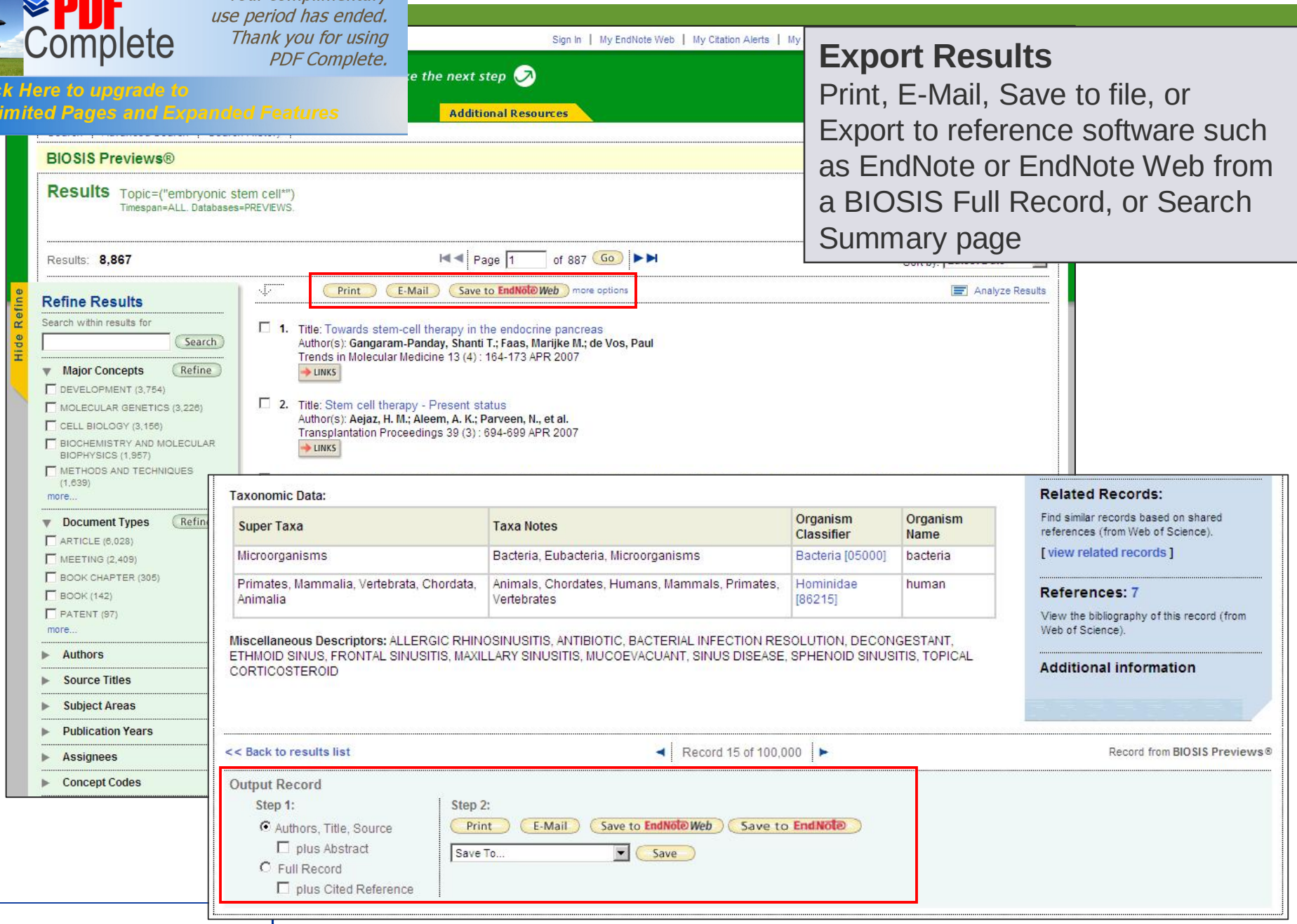



This search for ñpost traumatic stressò returned results from BIOSIS Previews, Web of Science, and MEDLINE.

These results can be limited to the General Category Social Sciences

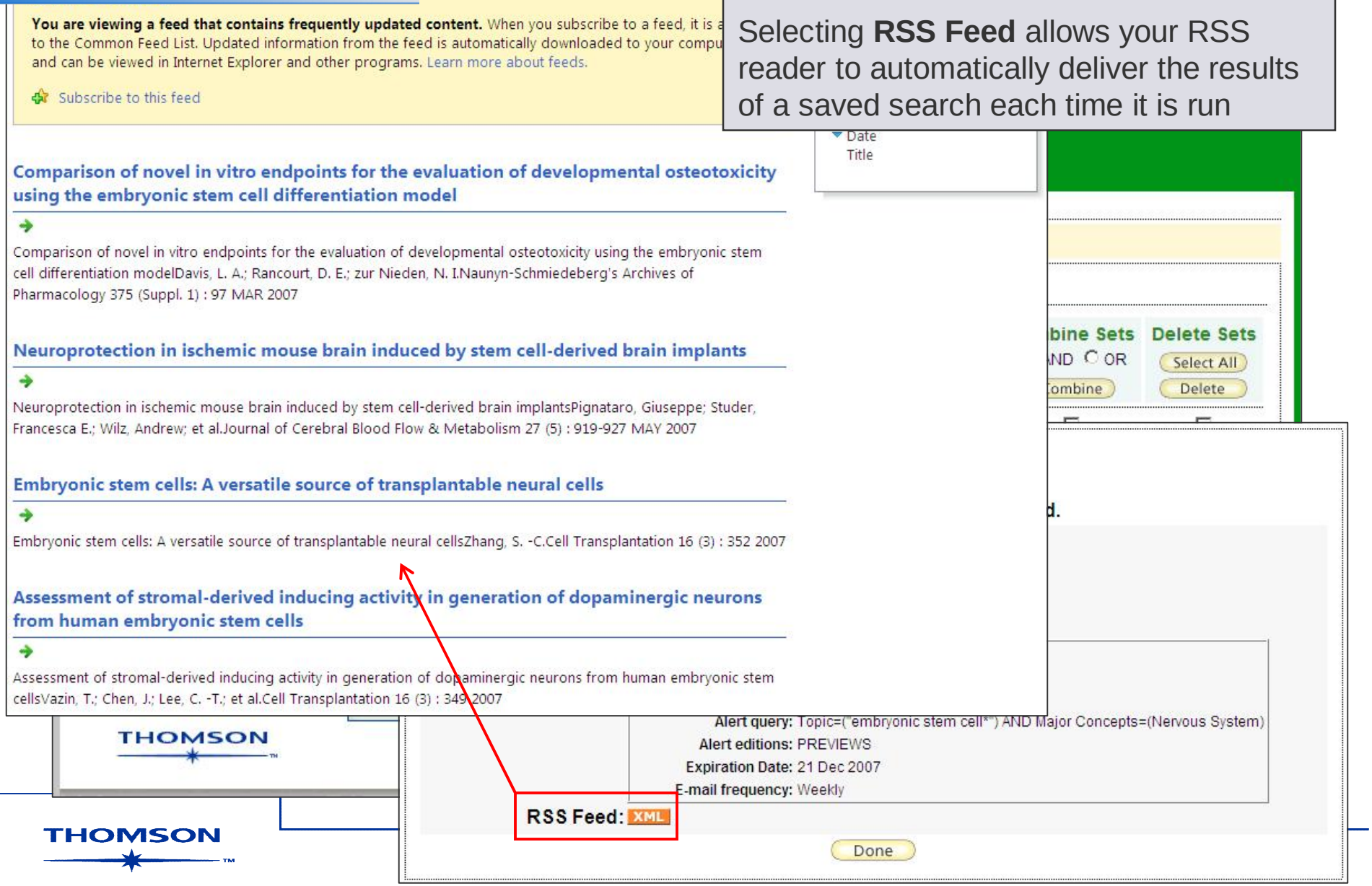
## Export Results

Print, E-Mail, Save to file, or Export to reference software such as EndNote or EndNote Web from a BIOSIS Full Record, or Search Summary page

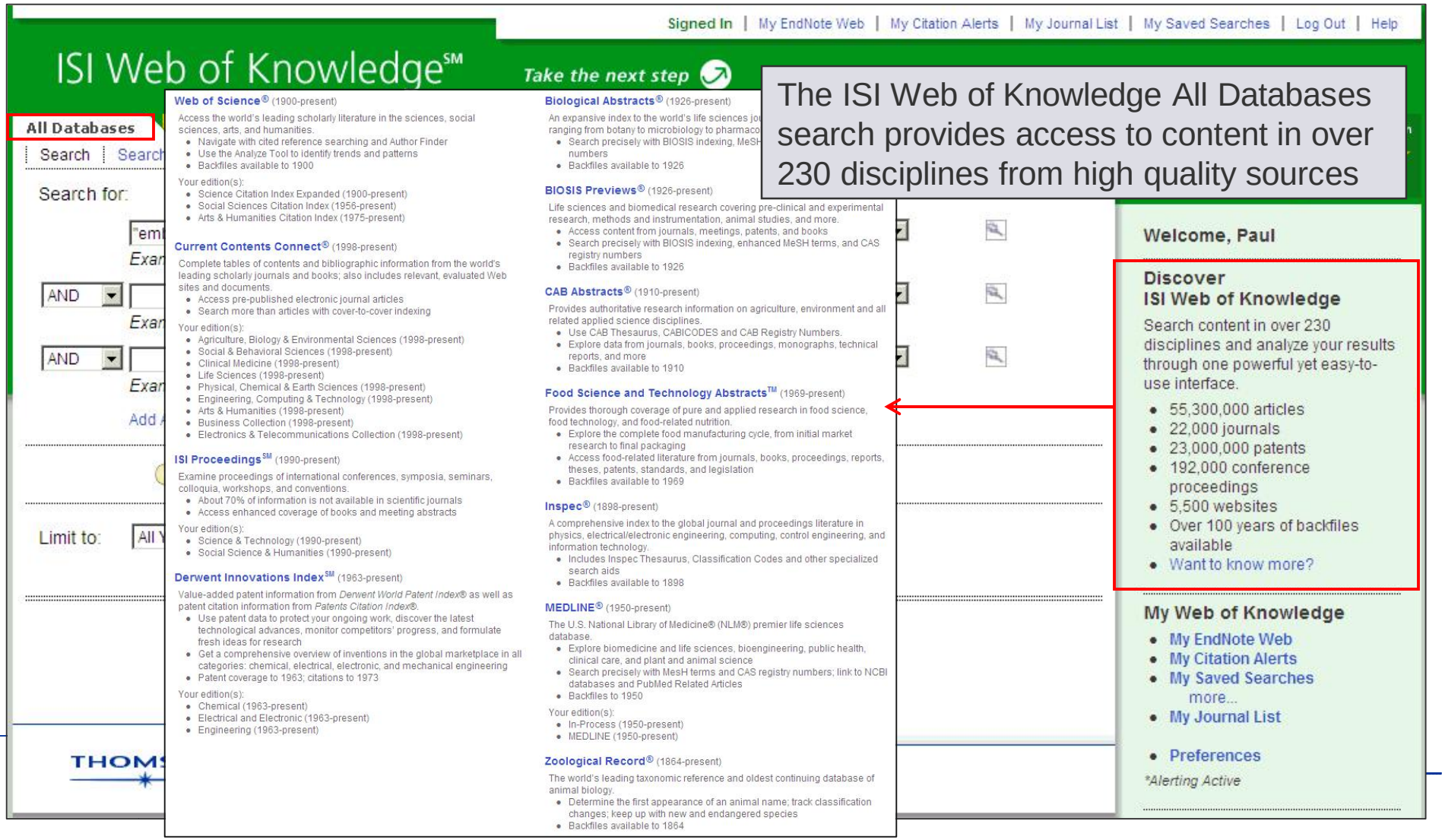


Click **Save History / Create Alert** to save your search query or receive E-mail alerts

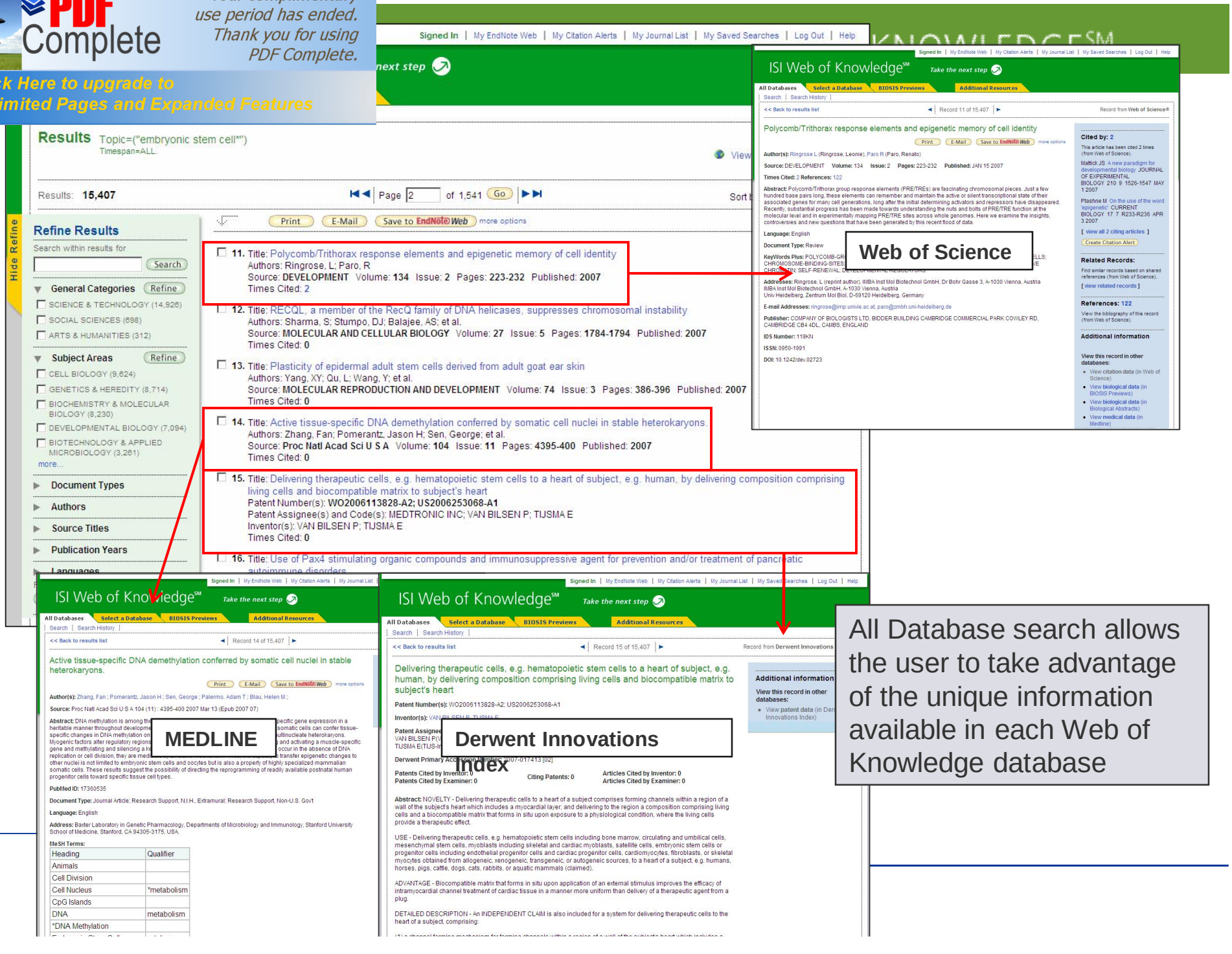
Selecting **RSS Feed** allows your RSS reader to automatically deliver the results of a saved search each time it is run

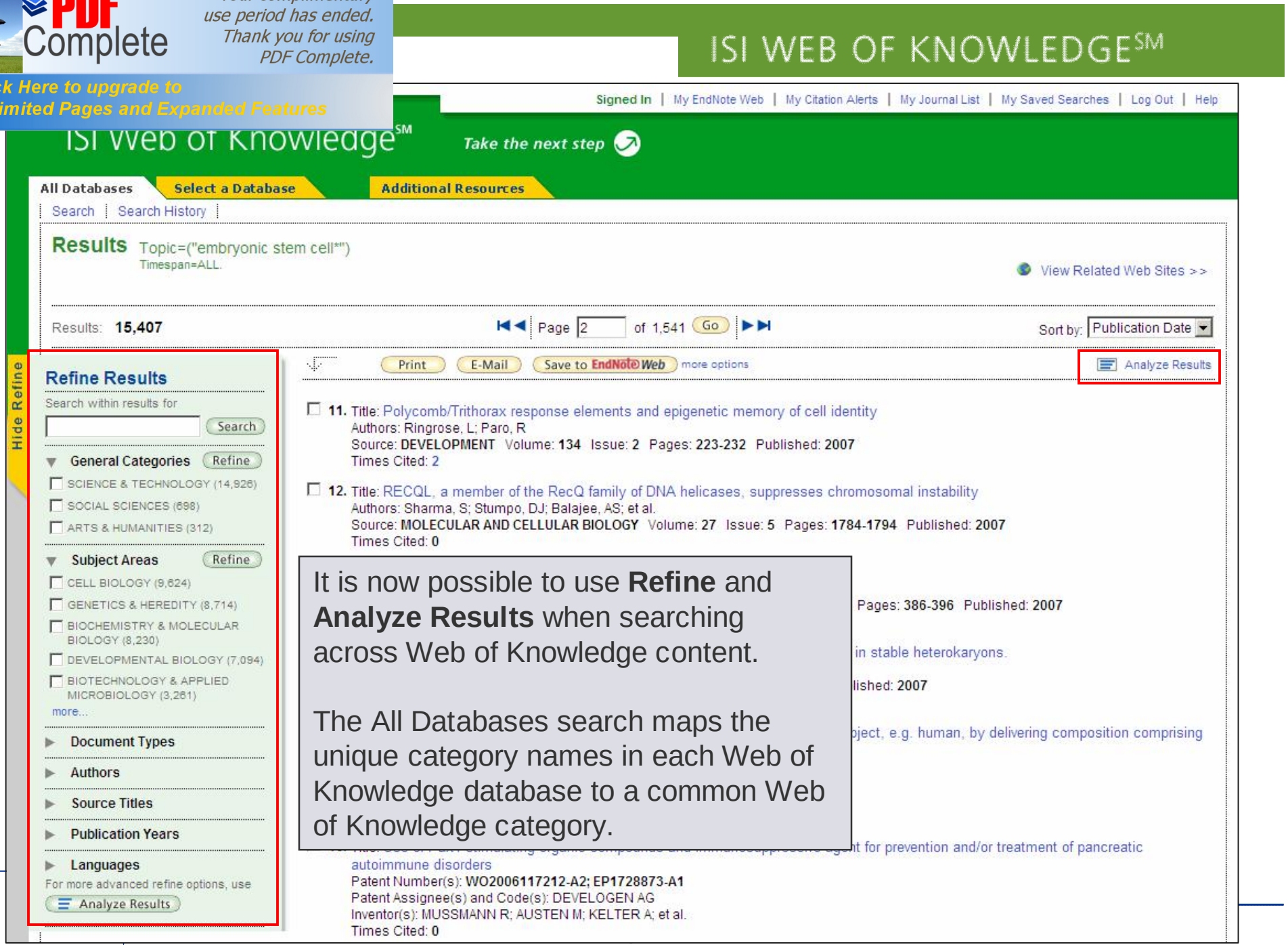


# Web of Knowledge All Databases Search




The ISI Web of Knowledge All Databases search provides access to content in over 230 disciplines from high quality sources



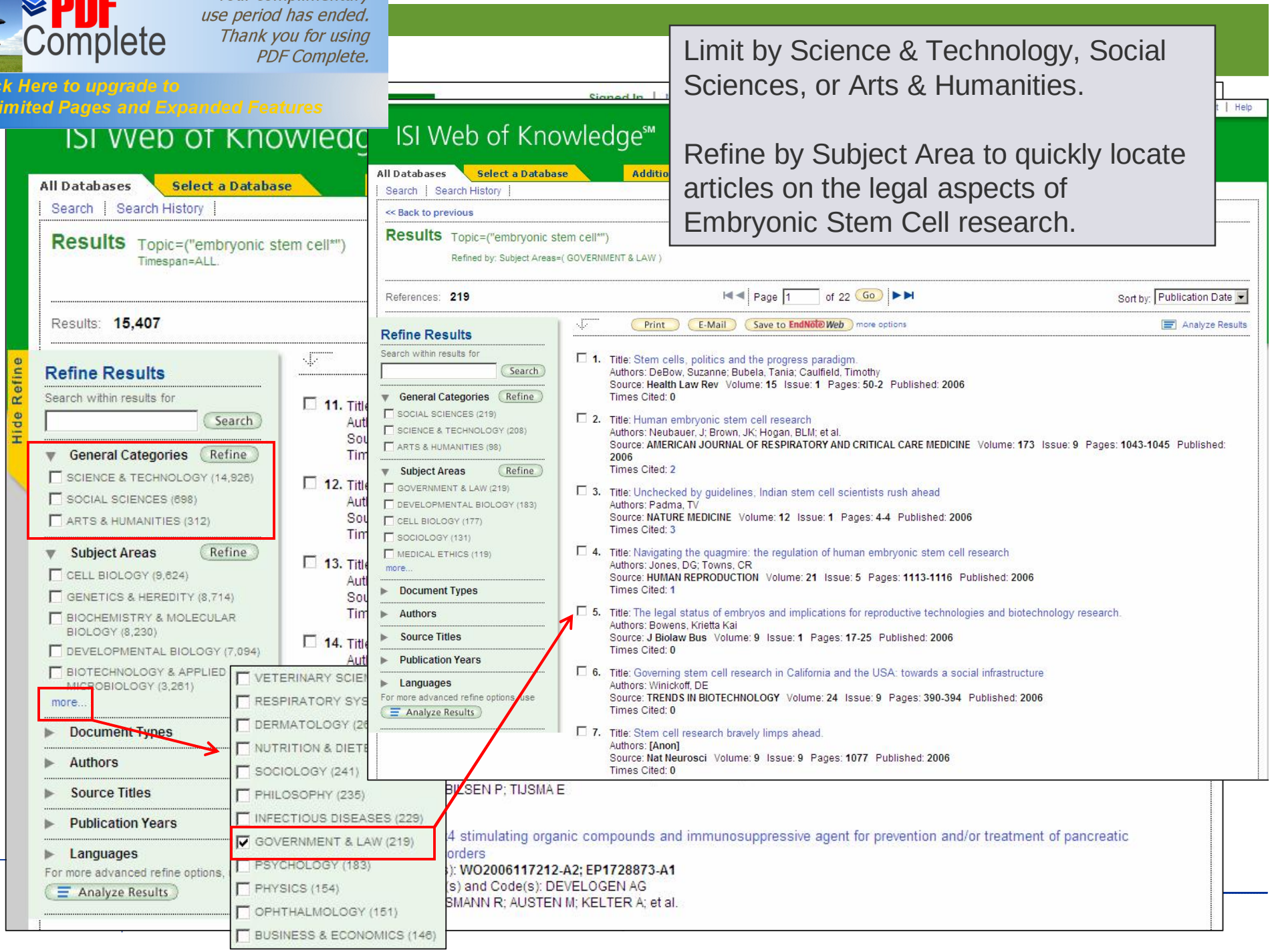



It is now possible to use **Refine** and **Analyze Results** when searching across Web of Knowledge content.

The All Databases search maps the unique category names in each Web of Knowledge database to a common Web of Knowledge category.

Limit by Science & Technology, Social Sciences, or Arts & Humanities.

Refine by Subject Area to quickly locate articles on the legal aspects of Embryonic Stem Cell research.



## Analyze across all Web of Knowledge content

- In what year did the earliest record on this topic appear in any Web of Knowledge database and when did research in this field begin to grow?
- What journals publish the most research on this topic
- Who is publishing the most research on this topic?

e Results

15,407 records. Topic=("embryonic stem cell*")

| Rank the records by this field: | Analyze: | Set display options |
|---|---|---|
| Language<br>Publication Year<br>Source Title<br>Subject Area | Up to 25000 records. | Show the top 100 results |

Analyze

Use the checkboxes below to view the records
**Note:** The number of records displayed may be
if the original set contained more records than

| View Records | Field: Publication Year |
|---|---|
| ☐ | 1946 |
| ☐ | 1961 |
| ☐ | 1966 |
| ☐ | 1968 |
| ☐ | 1972 |
| ☐ | 1973 |
| ☐ | 1975 |
| ☐ | 1976 |
| ☐ | 1977 |
| ☐ | 1978 |
| ☐ | 1980 |
| ☐ | 1981 |
| ☐ | 1982 |
| ☐ | 1984 |
| ☐ | 1985 |

<<< Back to results list

15,407 records. Topic=("embryonic stem

| Rank the records by this field: |
|---|
| Language<br>Publication Year<br>Source Title<br>Subject Area |

Up to 250

Analyze

Use the checkboxes below to view the records.
**Note:** The number of records displayed may be great
if the original set contained more records than the nu

View Records

| | |
|---|---|
| ☐ | |
| ☐ | PROCEEDINGS OF THE NA<br>SCIENCES OF THE UNITED |
| ☐ | |
| ☐ | MOLECULAR AND |
| ☐ | JOURNAL OF BIO |
| ☐ | |
| ☐ | DEVEL |
| ☐ | |
| ☐ | |
| ☐ | |

15,407 records. Topic=("embryonic stem cell*")

| Rank the records by this field: | Analyze: | Set display options: |
|---|---|---|
| Author<br>Document Type<br>General Categories<br>Language | Up to 25000 records. | Show the top 10 results.<br>Minimum record count (threshold): 2 |

Analyze

Use the checkboxes below to view the records.
**Note:** The number of records displayed may be greater than the listed Record Count if the original set contained more records than the number of records analyzed.

| View Records | Field: Author | Record Count | % of 15407 | Bar Chart |
|---|---|---|---|---|
| ☐ | BRADLEY, A | 102 | 0.6620 % | |
| ☐ | HESCHELER, J | 100 | 0.6491 % | |
| ☐ | JAENISCH, R | 99 | 0.6426 % | |
| ☐ | WOBUS, AM | 89 | 0.5777 % | |
| ☐ | TURKSEN, K | 73 | 0.4738 % | |
| ☐ | ITSKOVITZ-ELDOR, J | 67 | 0.4349 % | |
| ☐ | ROSSANT, J | 67 | 0.4349 % | |
| ☐ | NAGY, A | 64 | 0.4154 % | |

THOMSON

# BIOSIS Previews via the ISI Web of Knowledge

- The detailed indexing in BIOSIS Previews helps to maximize retrieval of relevant results.
- Take advantage of Web of Knowledge features such as Analyze Results and Refine Results .
- Integrated Web of Science citation navigation helps to uncover a greater number of related articles.
- BIOSIS Previews is part of the new Web of Knowledge All Databases Search. Search across the valuable content in Web of Knowledge with greater ease than ever before.

# Thank you!

# Questions?