IGI Global
eResource's Platform

User Guide

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Getting Started

All IGI Global electronic resources (Book E-Access, Journal E-Access, InfoSci Database, etc.) for institutional customers can be accessed through a single, customizable gateway. Visit www.igi-global.com/gateway to search and view your IGI Global research holdings.

Compliance Information

Institutional customers may access their IGI Global Gateway for e-resources through any web browser. The web-based gateway is Z39.50 compliant and Open URL compliant.

The platform displays both PDF and XML and is compliant with full text searching and federated search systems. To request free MARC records or persistent URLs to accompany your IGI Global e-resources, please contact: eresources@igi-global.com

Available Search Options

Three search options or types are available from within IGI Global's Gateway, which can found at www.igi-global.com/gateway.   The Gateway is the single point of entry to all of your institution's holdings or IGI Reference materials that are owned.

     a. Basic Search is a full text content smart search. Enter any search keyword or term and search our rich content.

     b. Advanced Search is a Book, Journal, and keyword-level search. Specific information, such as ISBN/ISSN, Digital Object Identifier (DOI), title, and author information, is searched for article-level results in this option.

     c. Expert Search expands on full text search that provides additional filtering and sorting options.
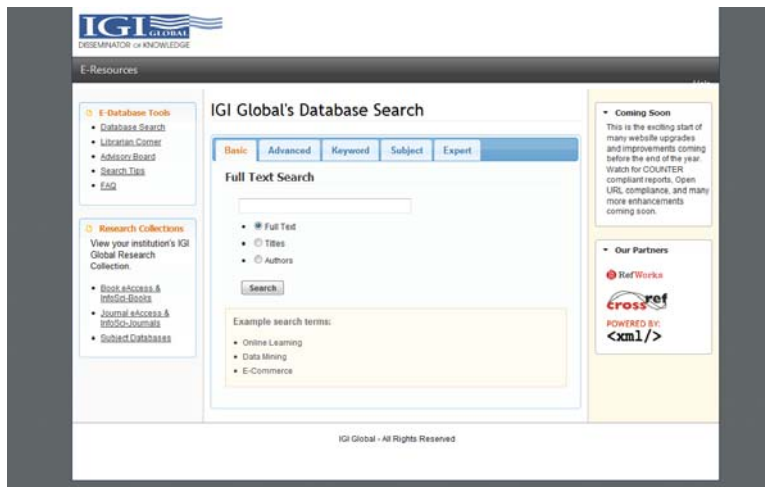
Figure 1: IGI Global's Gateway Entry Page

Gateway Basic Features

IGI Global's XML-powered Gateway has several features that you will see throughout the system.

Stars

Search results are returned ranked based upon relevancy. The star system indicates the relevancy of the returned results within the entire IGI Global database.   The star relevancy ranking system should be used to provide users a general guideline on relevancy. Specific, targeted searches for a narrow topic area may return low relevancy ranking due to the limited number of articles available on the topic, not because the article does not provide sufficient information about the search term.

- 5 Stars indicates the search term appears frequently within the article and has a high relevancy ranking.
- 1 Star indicates the search term appears within the article but not frequently.

Export to RefWorks

IGI Global, in cooperation with RefWorks, Inc, provides this citation exporting tool for students. Students must have their own RefWorks account and may export titles used from the IGI Global database for use in their references. Specific questions regarding RefWorks functionality may be answered by viewing RefWorks documentation available online at: http://www.refworks.com.

Basic Search

Our simple search is an XML-powered full text search engine that returns relevant search matches at an article level. The full collection of IGI Global research consists of more than 1,300 academic reference titles and books and 100 scholarly journals. The IGI Global Research Gateway allows you to search all titles that are currently owned by your institution, often referred to as your institution's holdings. The total number of articles owned by your institution is displayed at the top of the Search Results Page. See page 3 below for an example image.

The XML- powered search allows for specific and general searches. Performance, or speed, is influenced by the type of search performed by the user. General searches for broad topics will return results more slowly than specific, detailed, narrow searches due to the volume of information being searched. For example, "Information Technology" will return thousands of results where "Radio Antenna Technology" will return a more niche, faster result.

1. Enter the search term "**Antenna**" into the Basic Search box and click **Search**. Leave Full Text Search (the default) selected.
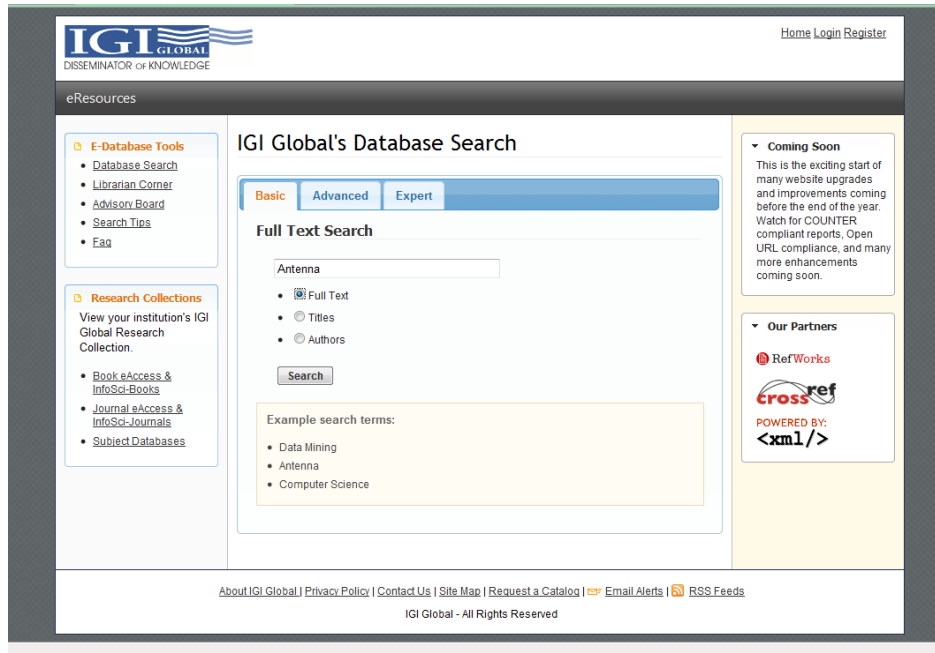

Figure 2: Gateway Smart Search Screen

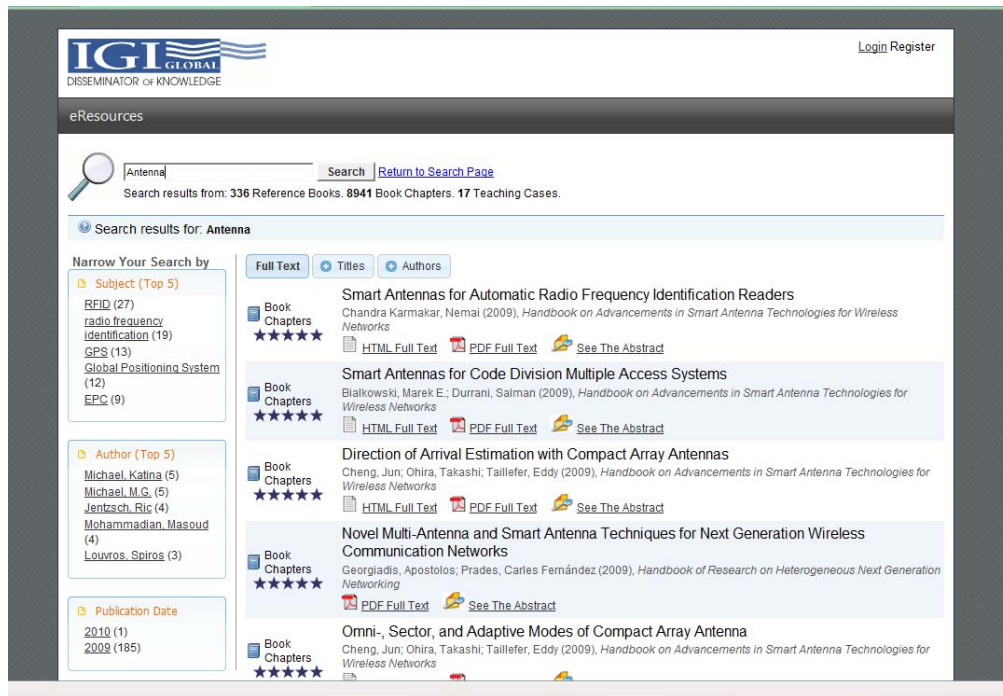2. The results screen returns results that are ranked according to relevancy.

3. Filter your results by clicking on the Narrow your Search panel to the left of the displayed Search results. This area is pictured above with an arrow directing you to the panel.
4. Open an article by clicking on the links below the article's description Notice that search results returned by the simple search are full text search results. That means the search engine located articles with "Antenna" in the body of the article. You have additional filtering options available to you! Using the filtering tabs at the top of the results window, you can see where books or journals and authors return results.

Full Text, Title, and Author Search

Let's start a new search where the power of full text searching joined with title and author searching is visible. Return to the Gateway page – www.igi-global.com/gateway

1. Enter "**encyclopedia**" into the Full Text Search Box and click on the "**Titles"** button to select that you want to do a title level search. Click "**Search"** to start your search.
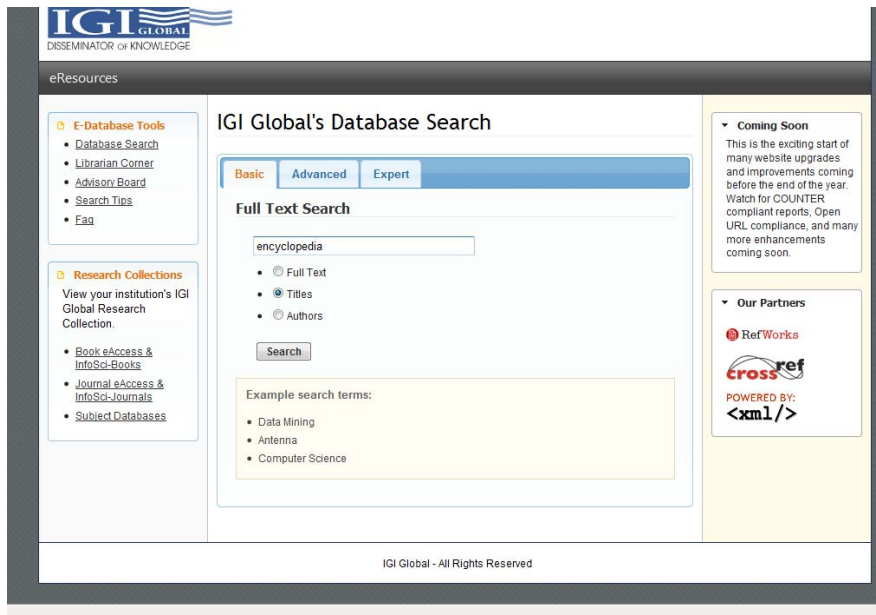
Figure 4: Title Search Example

The results return on the titles tab and reveal Titles that contain the word encyclopedia.
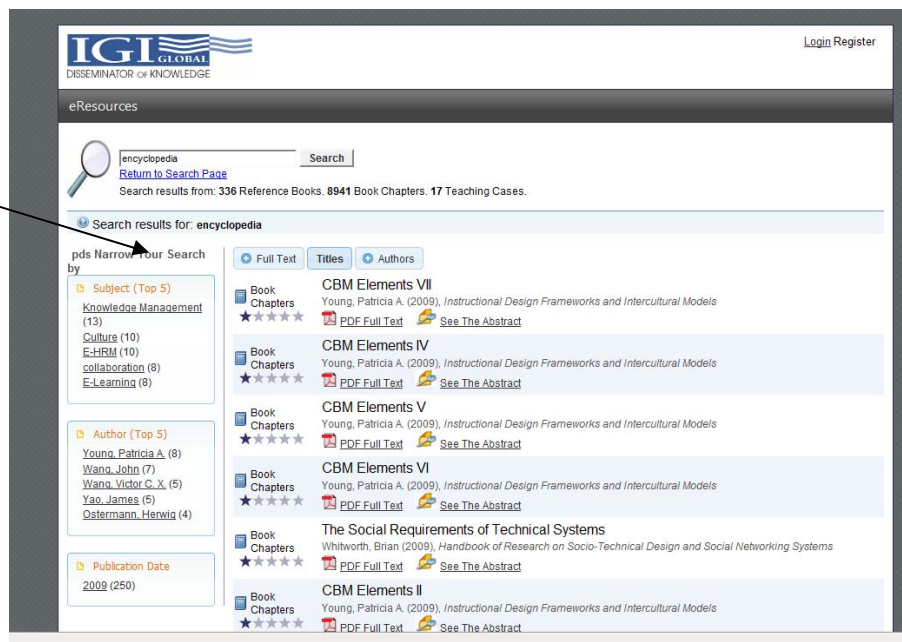

Figure 5: Title Search Results

2. To see results with encyclopedia in the article content, click on the **Full Text** tab at the top of the results window.
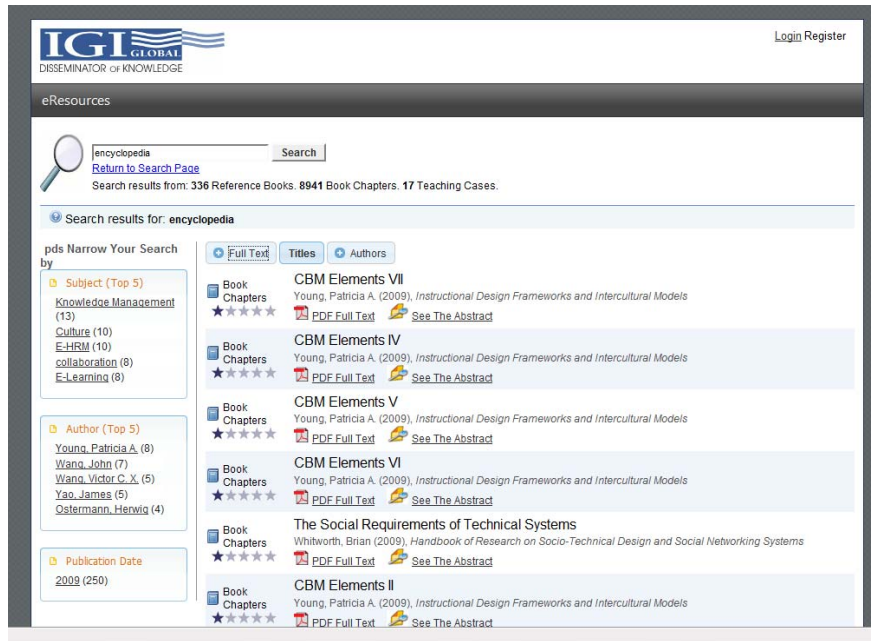
Figure 6: Change to Full Text Search

The results redisplay and now relevant search results are displayed at a content level.

Filtering Search Results

The filtering panel, labeled as "Narrow Your Search By", on the left of your screen allows the search results to be filtered and narrowed. Follow the sample below to learn more about filtering.

1. Using the encyclopedia full text search results from above, click on the "**Knowledge Management**" subject category on the left.
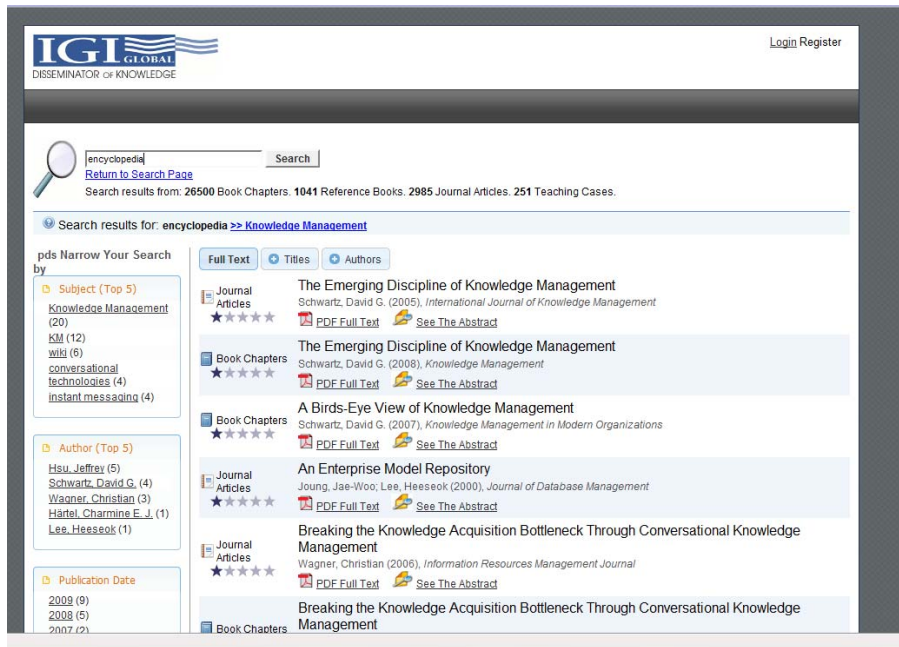
Figure 7: Bread Crumbs

Notice your results are now filtered by the subject Knowledge Management and the bread crumbs or "search results for" (shown above) is reflecting the filter has been applied. Results can be narrowed further by click on filtering options in any of the categories listed in the "Narrow Your Search by filtering" panel.
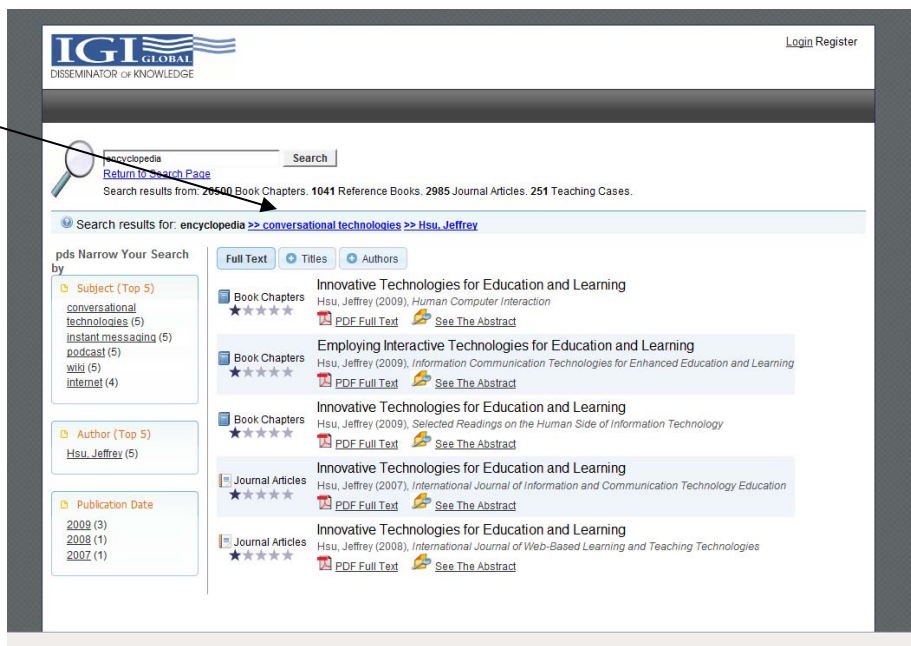

Figure 8: Removing a Filter

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To remove a filter, click on the filter in the bread crumb trail and your results will redisplay with filters removed. Filters must be removed one at a time.

Advanced Search

The advanced search can be used to narrow searching quickly. Users may enter up to 3 search criteria and can choose from the following filtering methods:

- Author/Editor Last Name
- Title
- ISBN
- ISSN
- DOI
- Keyword

The sample below walks is of an Advanced Search using two search criteria:

Figure 9: Advanced Search

1. Enter "**Kim**" as an author and "**technology**" as a title and click **Search**.

Figure 10: Advanced Search Results

2. Multiple results return in the search results window.
3. Hover the mouse, without clicking, over **See Abstract** and the article's abstract will appear for viewing. Click **See Abstract** to view detailed title information and/or export to RefWorks.
4. From the abstract page, click View PDF button. The article will open in new window, within Adobe Acrobat so that your search results window is still available for additional article viewing.
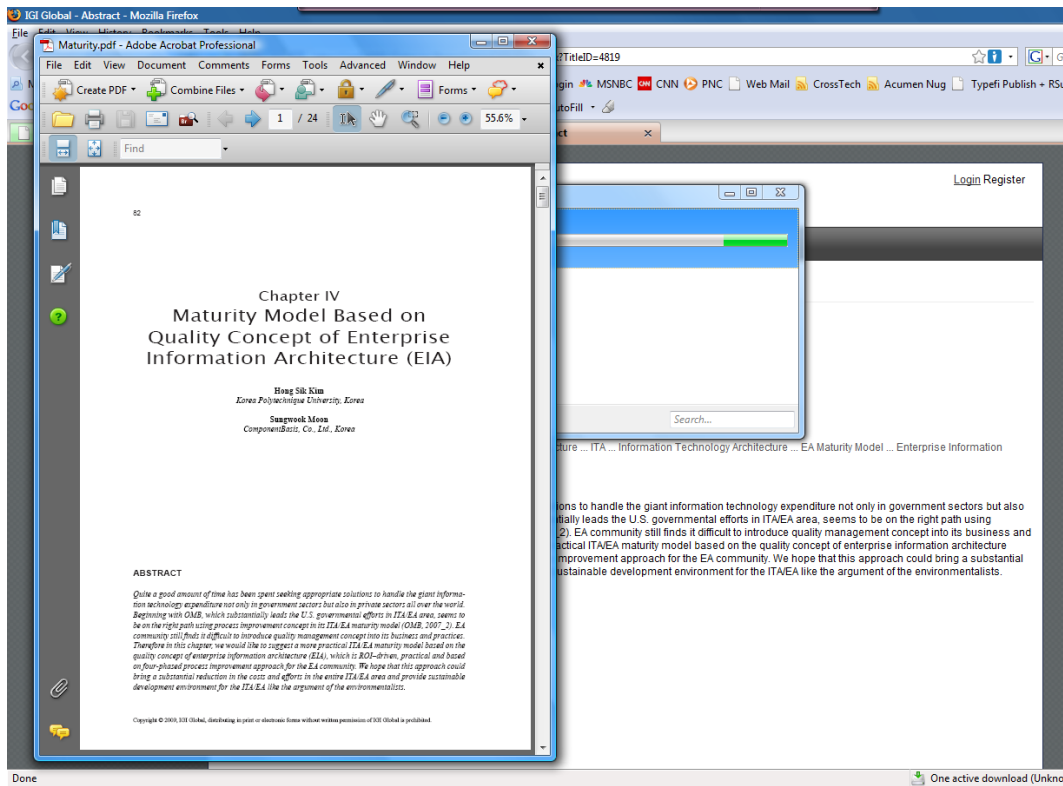
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Chapter IV
**Maturity Model Based on
Quality Concept of Enterprise
Information Architecture (EIA)**

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ABSTRACT

*Quite a good amount of time has been spent seeking appropriate solutions to handle the giant informa-
tion technology expenditure not only in government sectors but also in private sectors all over the world.
Beginning with OMB, which substantially leads the U.S. governmental efforts in ITA/EA area, seems to
be on the right path using process improvement concept in its ITA/EA maturity model (OMB, 2007_2). EA
community still finds it difficult to introduce quality management concept into its business and practices.
Therefore in this chapter, we would like to suggest a more practical ITA/EA maturity model based on the
quality concept of enterprise information architecture (EIA), which is ROI–driven, practical and based
on four-phased process improvement approach for the EA community. We hope that this approach could
bring a substantial reduction in the costs and efforts in the entire ITA/EA area and provide sustainable
development environment for the ITA/EA like the argument of the environmentalists.*

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improvement approach for the EA community. We hope that this approach could bring a substantial
sustainable development environment for the ITA/EA like the argument of the environmentalists.

Search...

Done

One active download (Unkno

Figure 11: PDF Article View

Expert Search

The expert search is unique to IGI Global and offers a detailed search option for users. Begin a new search from the Expert tab of IGI Global's gateway page by returning to www.igi-globa.com/gateway or by clicking the "Return to Search" link on the search results page.
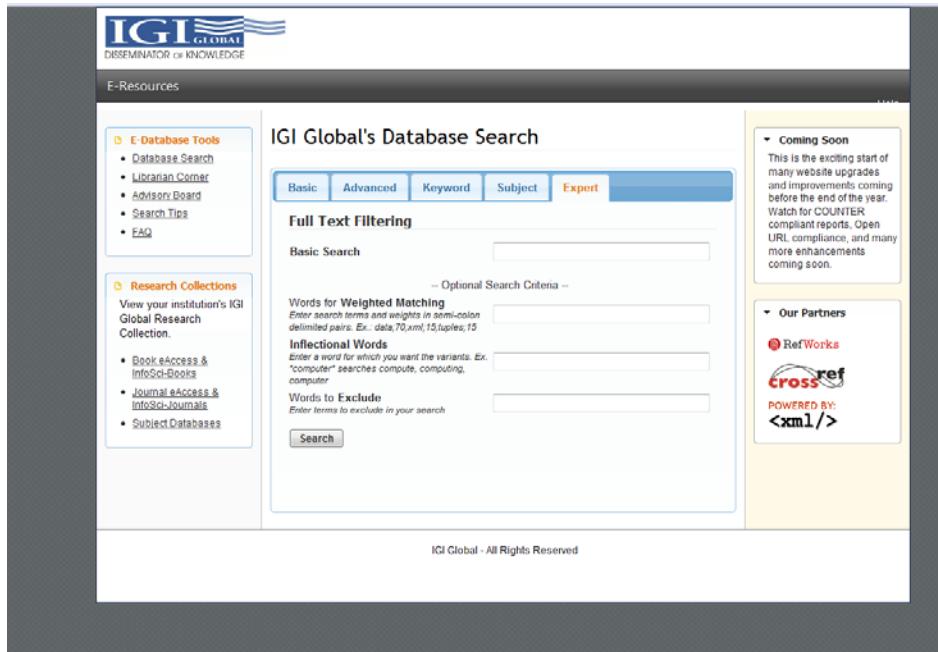

Figure 12: Expert Search

Weighted Matching

This new search type allows the user to specify the ranking that users would like to give to each term entered into the search engine. The full text search uses the weighting entered by the user to rank and rate the results returned to the user

1. Enter the following search criteria for this example:
   a. Basic search – **"technology"**
   b. Words for Weighted Matching – **"technology;90;information;5"**
      Note - weighted search terms must be entered in a very specific manner. Each term and the weighting is separated by a ;(semi-colon) as shown on the example line.
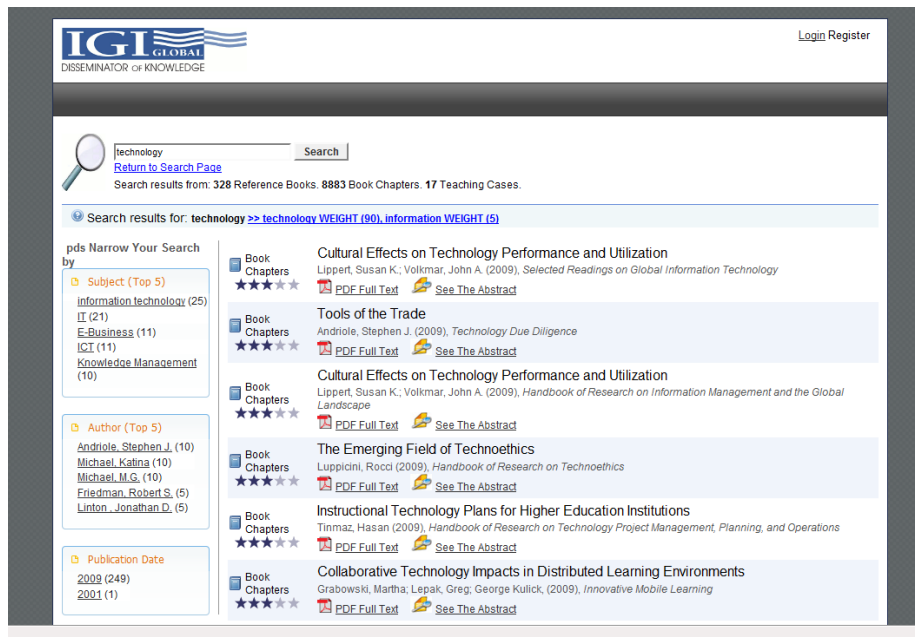
Figure 13: Advanced Weighted Search Example

The results are weighted according to the criteria entered and are able to be filtered and refined.

Inflectional Words

Inflectional word search is a searching tool with a dictionary and thesaurus built into the search engine. The search automatically searches all forms and tenses of the word(s) entered and offers synonyms in the search results.
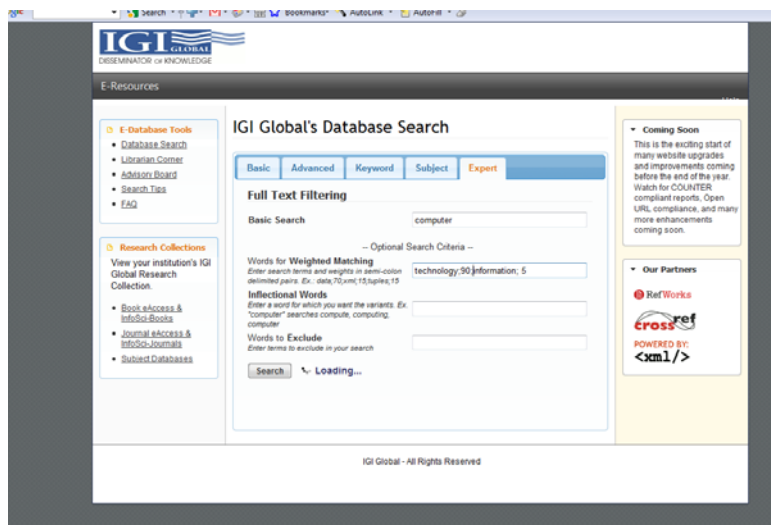

Figure 14: Advanced Inflectional Search Example

Word to Exclude

This final search option allows users to enter words that should be excluded from search results.
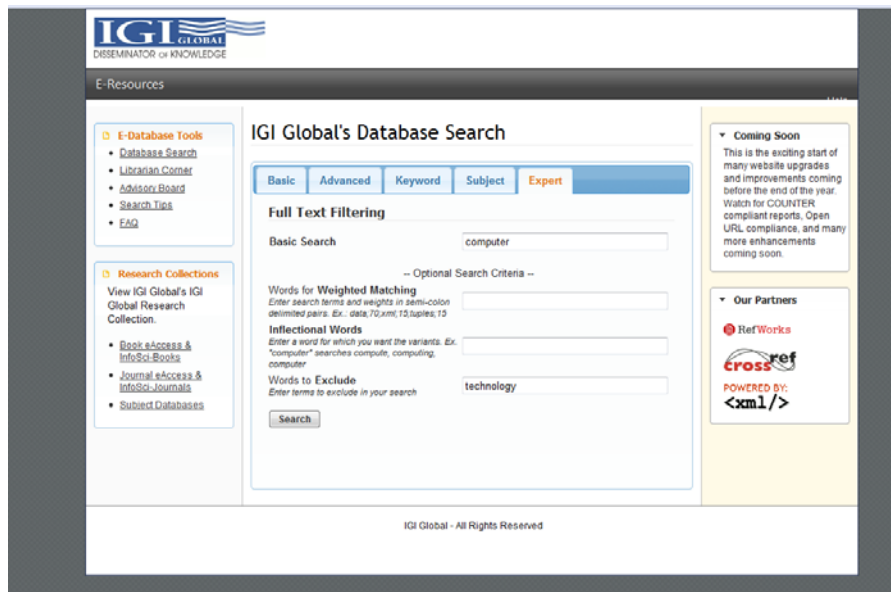
Figure 15: Advanced Search Exclude Example

Librarian Corner

IGI Global has built administrative tools to enhance the experience of library personnel so they can download their own COUNTER complaint usage statistics, Persistent URL's and MARC Records. To gain access to these features please register as a user, then e-mail eresources@igi-global.com so we can setup your access.

Forthcoming Features

IGI Global has many site features and enhancements currently in development and testing. Upcoming releases of the site will contain specific tools for librarians in the "Librarian Corner" link. Look for COUNTER compliant reporting and customization tools including logos and personalization with branding applied to your Gateway in the near future.

Additional features available will include:

- General citation export

- LOCKSS

For More Information

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