Inspec® Quick Reference Card

Produced by the Institution of Engineering and Technology (IET), *Inspec*® is the leading English-language database providing access to the world's scientific and technical literature in physics, electrical engineering, electronics, communications, control engineering, computers and computing, and information technology. With Inspec, you can uncover research information in specialized areas such as materials science, oceanography, nuclear engineering, geophysics, biomedical engineering, and biophysics. Updated weekly, Inspec includes over 10.8 million records dating from 1898 to the present, with approximately 400,000 records added each year. The database includes over 4000 scientific and technical journals, 2200 conference proceedings, as well as selected books, reports and dissertations.

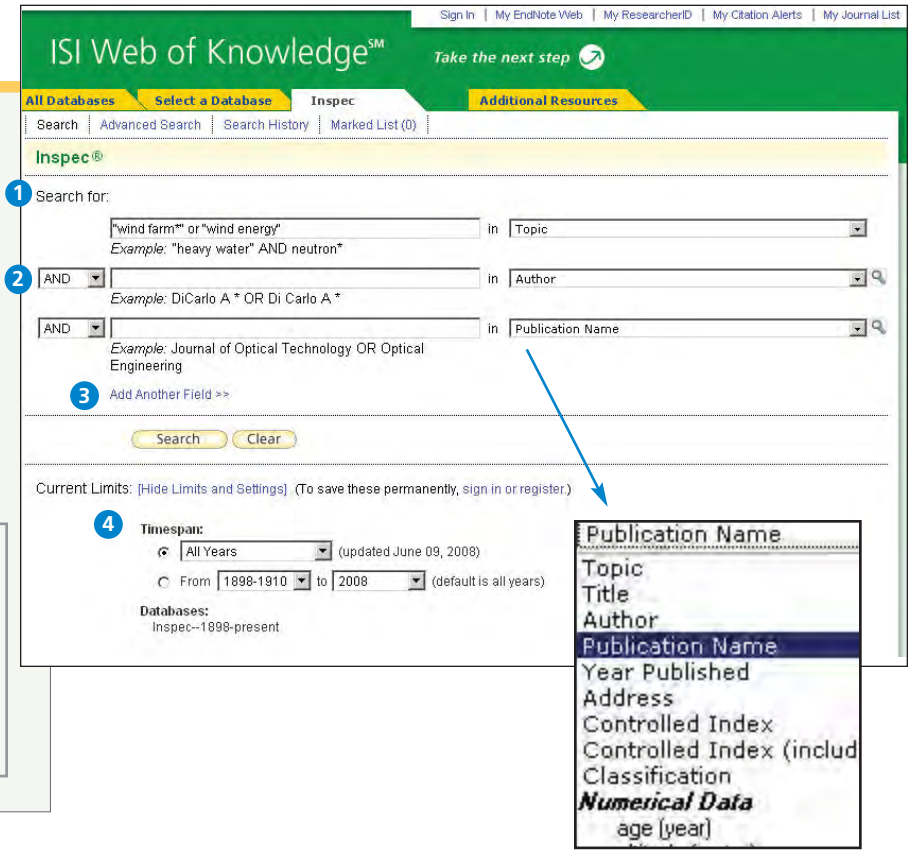
1 Search

Search by Topic, Author, Publication Name, Year Published, Address, Controlled Index terms, Classification code, Numerical Data, Chemical Data, Astronomical Object, 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, document type, or media 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

THOMSON REUTERS

Full Record

1 Title

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

All author names are indexed and searchable.

3 Source Information

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

4 Abstract

The English language author abstract of the source document appears here. Foreign Language abstracts are not retained.

5 Document Type

The Document Type tells you whether this record corresponds to a journal article, a book, book chapter, conference paper, patent, report, or dissertation.

6 Language

The original language of the source document displays here.

7 Controlled and Uncontrolled Indexing

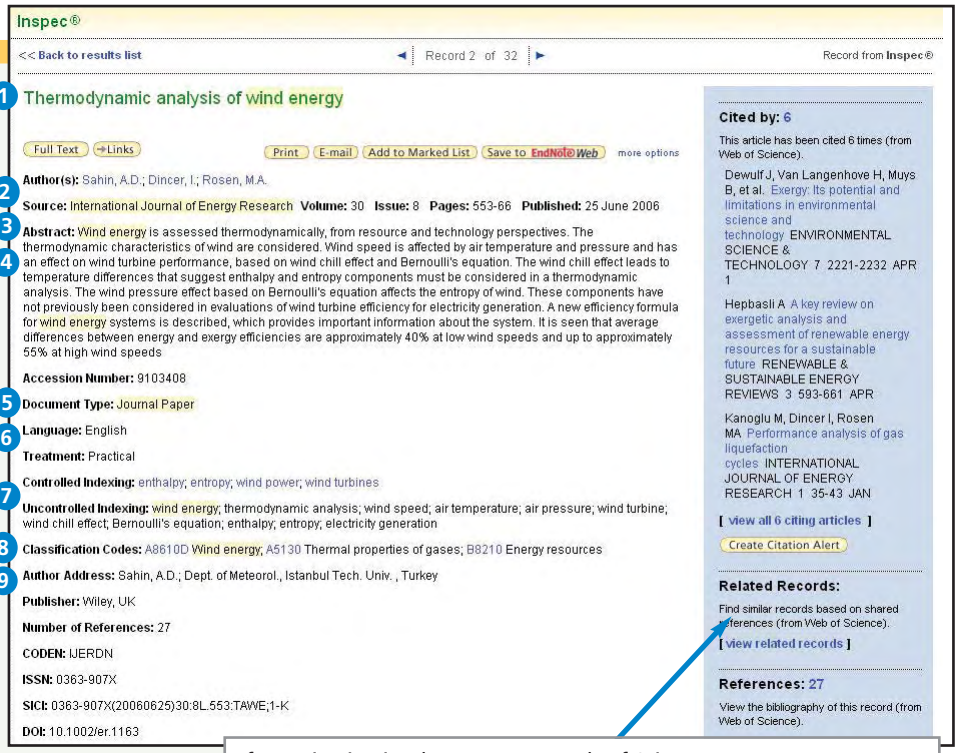
Controlled indexing terms are preferred terms from the Inspec Thesaurus. Uncontrolled indexing terms are free language terms which are not found in the Inspec thesaurus, assigned by Inspec indexers to provide additional descriptors for the document.

8 Classification Codes

Alphanumeric hierarchical codes assigned to Inspec documents.

9 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.

Using the Inspec Thesaurus

Thesaurus

Use the Inspec Thesaurus to locate controlled terms to add to your search.

By clicking the "H" next to a term, you can view the full thesaurus entry for a term. This may include broader or narrower terms, related terms, prior terms, and related classification codes.

By clicking the "T" icon next to a term, you may view the term within a hierarchy.

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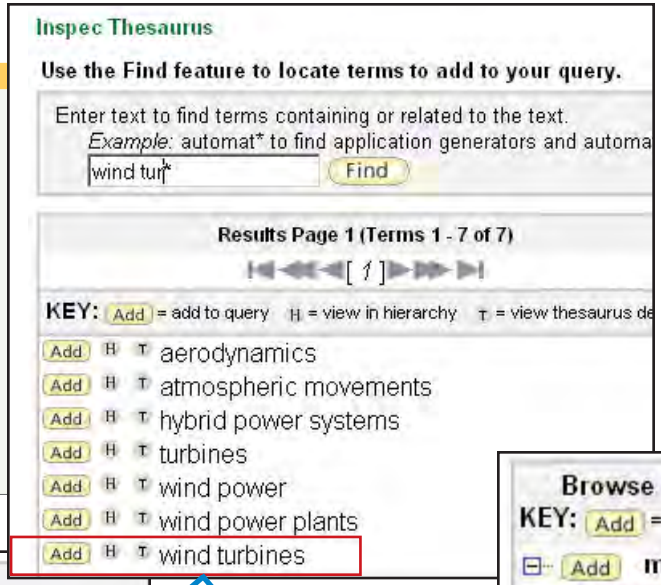
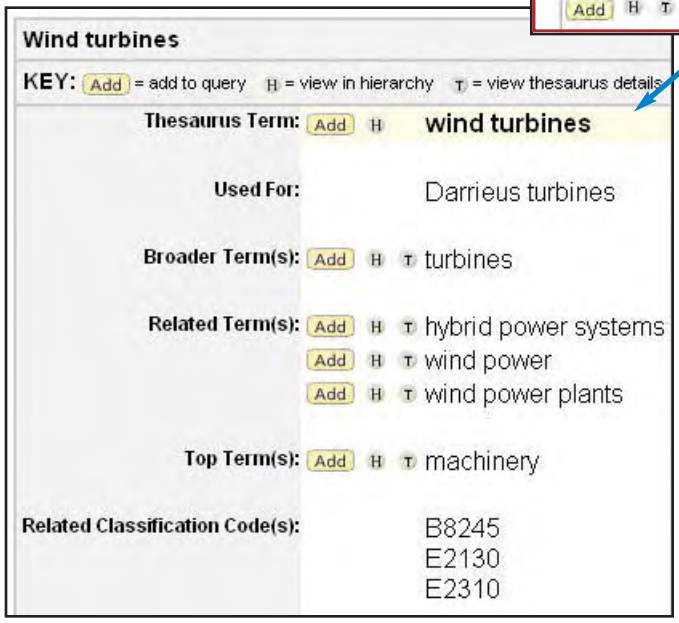
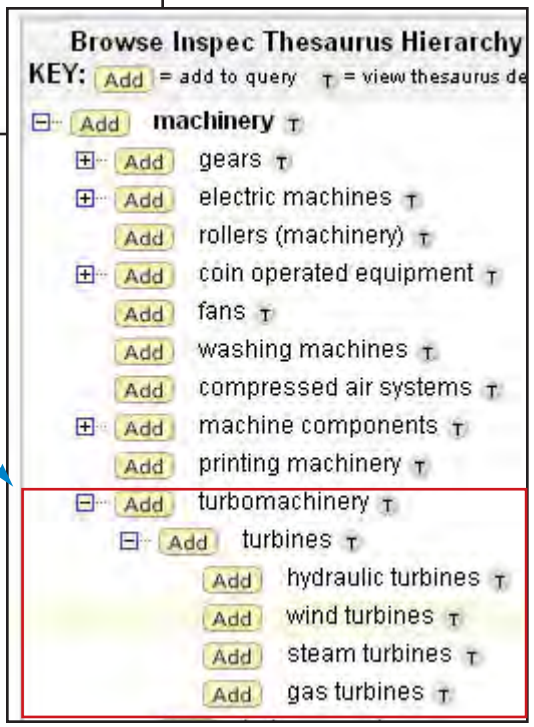






Refine and Analyze

1 Refine your Results

Use Refine to mine a set of up to 100,000 results to find the top 100 Classificationss, Subject Areas, Source Titles, Document Types, Authors, Controlled Index Terms, Treatment Types, and Languages.

2 Sort Results

Sort up to 100,000 records by

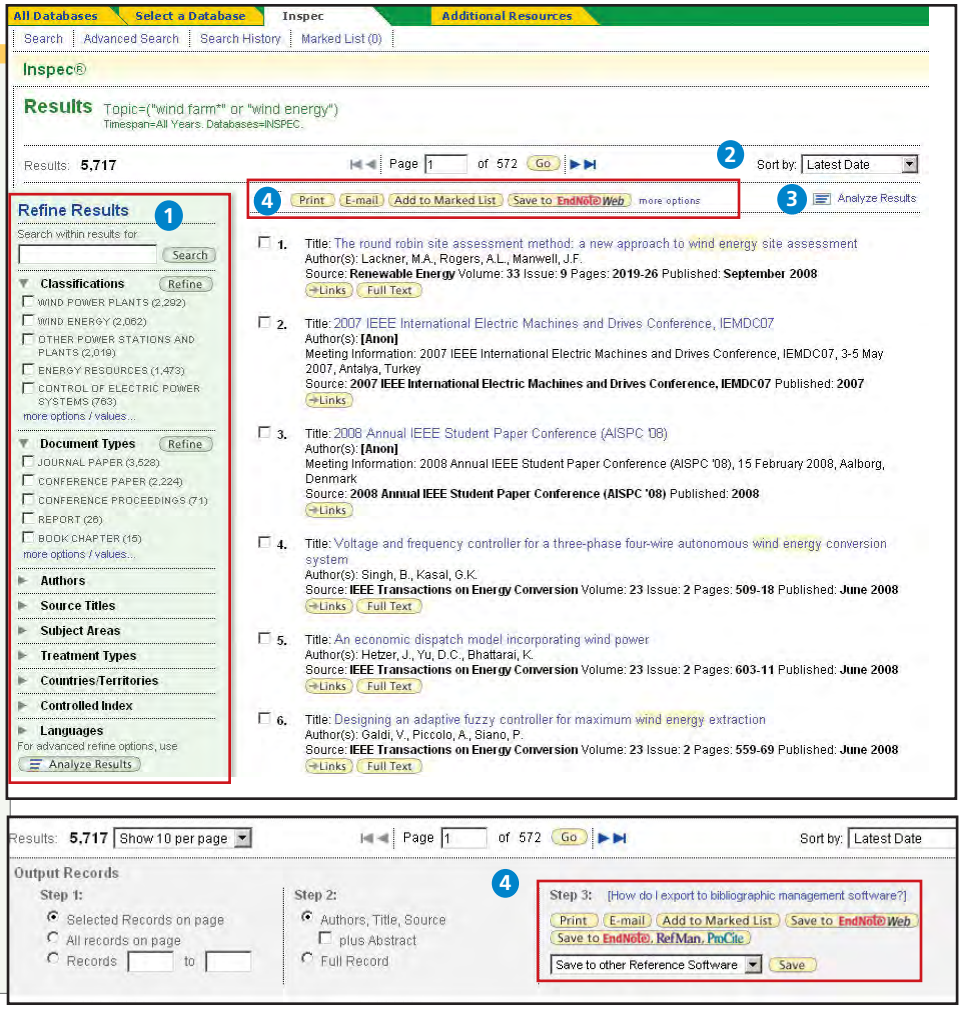
- Latest Date (default)
- Relevance
- Publication Year
- Source Title
- First Author

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.



Personalize

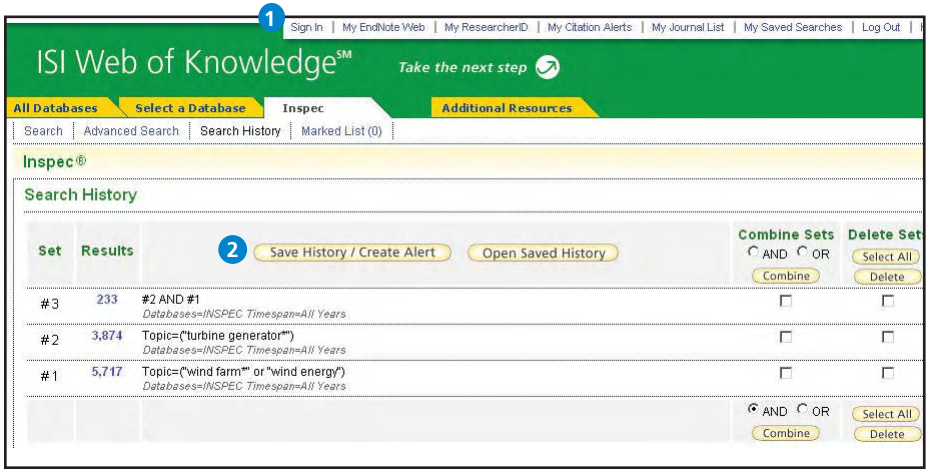
1 Create Personal Profile

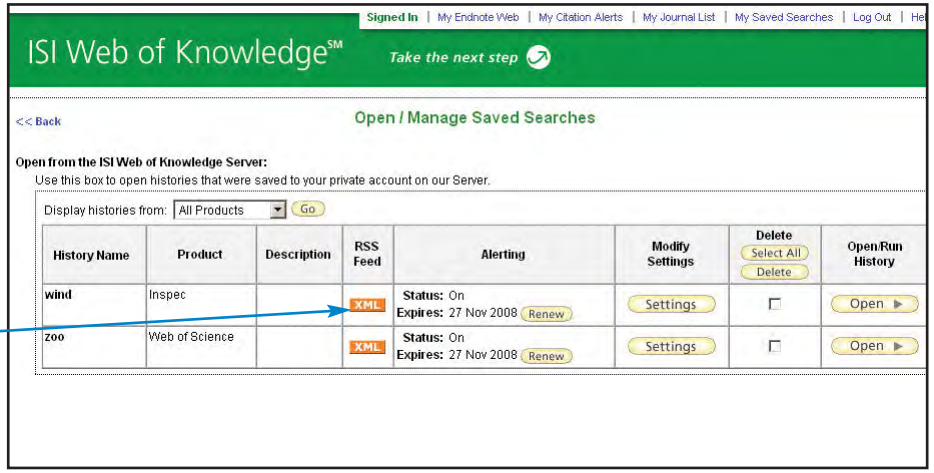
Any *Inspec* user can create a personal *ISI Web of Knowledge* profile to take advantage of powerful personalization options. You can create a private user profile from the *ISI Web of Knowledge* home page (Click "Home" in the top tool bar to find the *ISI Web of Knowledge* homepage.) The user profile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



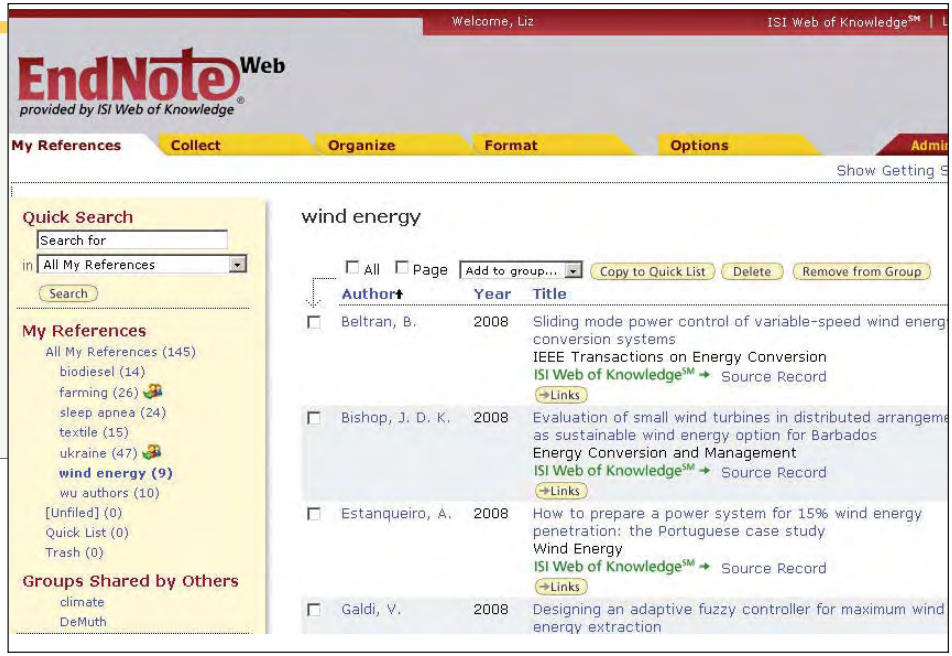


* Click "Renew" to set a new expiration date for any alert.
* Click "Settings" to turn alerts on or off.
* Click "Open" to run the saved search
* Click XML to set an RSS Feed

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:
scientific.thomsonreuters.com/support/techsupport

Contact the education team at:
scientific.thomsonreuters.com/support/training/contacttraining

To view a recorded training module, visit:
scientific.thomsonreuters.com/support/recorded-training

Interested in more tips and tricks?
For ongoing Web-based training, visit:
scientific.thomsonreuters.com/support/training/webtraining

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