

OSearch Databases

User Guide

Centennial Library

Cedarville University

All OSearch databases have similar searching functions. They are citation databases, which means that they index articles in journals, books, or chapters or parts of books or other documents. Links to full text articles are provided when available.

This guide is useful for the following databases:

Annual Bibliography of English Lang. & Lit.
Art Abstracts
Biological Abstracts
Business & Industry
Compendex
Compendex, Historic
Contemporary Women's Issues
ERIC
GeoRef

Inspec
Inspec Archive
MEDLINE (OLDMEDLINE)
PAIS International
PsycINFO
PsycINFO, Historic
Sociological Abstracts
Worldwide Political Science Abstracts

Basic Searching

Enter your search term(s) in one or more boxes. You can specify what fields to search (see A)—including all fields, or author, article title, journal title, or subject.

The screenshot shows the OSearch interface for the INSPEC 1969-Present database. At the top, it says "INSPEC 1969-Present, provided by OhioLINK and the Cedarville University Libraries". Below this is a navigation bar with links for "Search Form", "Browse", "Stored Records", "Search History", "Tips, Help, and Chat", and "Exit". The main search area has a "Search words in thesaurus" checkbox and a "(What's this?)" link. The "Search for:" field contains "turbulence". To the right of the search field is a dropdown menu labeled "A" with "All Fields" selected. To the right of the dropdown is a "Submit Search" button labeled "D". Below the search field are two links: "More search boxes" labeled "B" and "Show limit options" labeled "C". At the bottom of the search area is a link for "Show search history". Below the search area, it says "Current update: 20 Oct 2008 - 10,063,116 records. Use of this database implies you have read the acceptable use policy."

Select "More search boxes" (see B) to **search multiple terms**. Select "Show limit options" (see C) to **limit your results**—options vary by database and can include year, language, or record type. You will be able to limit your results later, as well.

Click on the **Submit Search** button (see D).

General Search Hints

- Use any combination of upper and lower case letters.
- To retrieve results that include the singular and plural forms, you must check the "Auto Search for Plurals" in the "Show limit options" box (see C).
- Use a "\$" to find multiple forms of a word (e.g. "myster\$" finds "mystery," "mysteries," and "mysterious").
- Use a "?" within or at the end of a word to search for a single variable letter (e.g. "wom?n" finds "woman" and "women").
- Use parentheses to group terms within the search (e.g. "(seat or safety) belt" retrieves all records containing "seat belt" or "safety belt").
- Terms typed into separate boxes can be combined with AND, OR or NOT. (see B)

Results List

After the database is searched, a **Results List** will appear.

Click on "<Prev" or "Next>" (see E) to view additional records in the Results List.

The screenshot shows a search results page with a navigation bar at the top containing buttons for "Search Form", "Browse", "Stored Records", "Search History", "Tips, Help, and Chat", and "Exit". Below this is a search box with a "Submit Search" button and radio buttons for "Search in thesaurus", "New search", and "Search in current results". A section labeled "F" contains limit options: "Limit to: Journal Articles · Conference Articles · English Only · Since 2000 | All Limit Options" and "View most frequent: subjects · journals · authors". Below this is a "Results List" section for the search "TURBULENCE" showing records 1-30 of 91542. A section labeled "E" shows navigation buttons "< Prev · Next >" and "Jump to record 91542". A "Store All On Page" button is also present. The first result, labeled "J", is "Application of laminar-turbulent transition criteria in Navier-Stokes computations" by Cliquet, J.; Houdeville, R.; Arnal, D. in *AIAA Journal* v 46 n 5 2008 p.1182-90. A section labeled "G" shows "Find It!" and "Store H" buttons for this record. The second result is "Three-component vectorial proper orthogonal decomposition of axisymmetric wake behind a disk" by Tutkun, M.; Johansson, P. B. V.; George, W. K. in *AIAA Journal* v 46 n 5 2008 p.1118-34. A section labeled "H" shows "Find It!" and "Store" buttons for this record.

You can **limit your results** by selecting a limit option (see F); you can select a preset option (common options are "journal articles," "English only"), or click on "All Limit Options" to view all choices.

Click on the "Find It!" button (see G) to **determine if the journal is available** in print in the library, or full text online. If the article is unavailable in print or online, you can fill out a periodical request form by clicking on "View Interlibrary Loan Options" located in the top right corner.

Check the "Store This Record" box (see H) to **store the citation** for printing, emailing or exporting. The box label will change to "Added to Stored Records."

Click on "Search History" (see I) to **view, combine, save and clear your searches** from the current session.

View a Record

To **view the complete record** of an article, click on the article title (see J).

The screenshot shows the "Full Record" page for the search "TURBULENCE", record 1 of 91542. A section labeled "M" shows navigation buttons "< Prev · Next >" and "Jump to record 91542". A section labeled "K" shows "Find It! With OLinks" and "Store This Record L" buttons. The record details are as follows:
Title: Application of laminar-turbulent transition criteria in Navier-Stokes computations
Author: [Cliquet, J.](#); [Houdeville, R.](#); [Arnal, D.](#)
Author Affiliation: Aerodynamics & Energetics Modelling Dept., ONERA, Toulouse, France
Appears In: [AIAA Journal](#), vol.46, no.5 May 2008, p 1182-90.
Journal Abbr: AIAA J. (USA)
Publisher: American Institute of Aeronautics and Astronautics, 2008.
Abstract: A new method concerning laminar-turbulent transition computation was implemented in the ONERA Reynolds-averaged Navier-Stokes solver elsA. It is based on the computation line concept and leads to the removal of most of the mesh topology limitations. Further improvements were also developed, such as the extension of a previous criterion (the Arnal-Habiballah-Delcourt criterion) to separated boundary-layers. Some changes in the numerical treatment of the transition point aimed at stabilizing and improving the accuracy of the computations. Two two-dimensional test cases [the Somers laminar airfoil and the A310 (TC11) profile] and a three-dimensional test case (the variable sweep angle wing) were considered to validate the implementation and the different improvements.

Click on the "Find It!" button (see K) to **determine if the journal is available** in print in the library, or full text online. If the article is unavailable in print or online, you can fill out a periodical request form by clicking on "View Interlibrary Loan Options" located in the top right corner.

Check the "Store This Record" box (see L) to **store the citation** for printing, emailing or exporting. The box label will change to "Added."

Click on "Results List" (see M) to **return to your results** after viewing an individual record.

The screenshot shows a search interface with a navigation bar at the top containing buttons for "Search Form", "Browse", "Stored Records", "Search History", "Tips, Help, and Chat", and "Exit". Below this is a search box with a "Submit Search" button and radio buttons for "Search in thesaurus", "New search", and "Search in current results". There are also links for "All Search Options", "Limit to: Journal Articles", "Conference Articles", "English Only", "Since 2000", "All Limit Options", "View most frequent: subjects", "journals", "authors", and "Sort by: Most Recent Records". At the bottom, it displays "Results List. Your search: HYDRODYNAMICS. Records 1 – 30 of 25180. Show abstracts." and navigation controls like "< Prev · Next >" and "Jump to record 25180".

From the results list, you can **search for additional terms** by typing them in the search term box (see N). Select "Search in current results" (see O) to search for articles about both the term you searched previously and the new term. This will narrow down your list of results.

Perform a new search by typing terms in the search term box (see N). Select "New search" to search for all articles about that new term. You can also perform a new search on the main search page by clicking on the "Search Form" button (see P).

From the Results List, click on "Search History" (see Q) to **view the searches** you have performed during your current session.

The screenshot shows the "Search History" interface with a table of search sets. The table has columns for "Set", "Search", "Hits", and "Combine". There are two search sets: "s2 HYDRODYNAMICS" with 25180 hits and "s1 TURBULENCE" with 91653 hits. There are checkboxes for "Combine" next to each search term. Below the table, there is a "Combine marked sets with" dropdown menu set to "AND" and a "Combine Sets" button. At the bottom, there are links for "Save Search Strategy", "Run Saved Search", and "Clear Search History".

Set	Search	Hits	Combine
s2	HYDRODYNAMICS	25180	<input type="checkbox"/>
s1	TURBULENCE	91653	<input type="checkbox"/>

Combine marked sets with **AND**

[Save Search Strategy](#) · [Run Saved Search](#) · [Clear Search History](#)

To **combine searches**, check the boxes beside the search terms (see R). Then, under "Combine marked sets with...", choose AND from the drop-down menu (see S) to search for articles that are about all of the terms, or OR to search for articles about any of the terms.

Thesaurus Searching

In some OSearch databases, you have the ability to **use a thesaurus to search** for your topic. A **thesaurus** is the official subject vocabulary of the database. Check the "Search Words in Thesaurus" box (located above the search boxes) to see if your search is official terminology, and to find all articles on that topic. Note: Some OSearch databases have the thesaurus checked by default.

After you perform a thesaurus search, a list of thesaurus terms that are possible matches to your topic will appear.

Search Form	Browse ▼	Stored Records	Search History	Tips, Help, and Chat ▼	Exit
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Searching on HYDRODYNAMIC\$

Combine marked terms with and them.

HYDRODYNAMIC TORQUE CONVERTERS	<input type="checkbox"/>
<small>Search Expand View Thesaurus</small>	
HYDRODYNAMIC WELDING	<input type="checkbox"/> V
U <small>Search Expand View Thesaurus</small> T	
HYDRODYNAMIC;WELDING	<input type="checkbox"/>
<small>Indexed as WELDING HYDRODYNAMIC</small>	
<small>Search Expand View Thesaurus</small>	
HYDRODYNAMICS	<input type="checkbox"/>
<small>Search Expand View Thesaurus</small>	
Search "hydrodynamic" as a key word or phrase.	

Combine marked terms with and them. **X**

W

Search - find records with this term as a subject heading.
Expand - find records with this term as a subject heading or with a subject heading of any narrower term in the thesaurus.
View Thesaurus - view this subject heading's hierarchical or "tree" view in the thesaurus.

Click on "View Thesaurus" under each thesaurus term (see T) to view and search broader terms, narrower terms, and related terms. **Search** one thesaurus term at a time by clicking on the term or on "Search" (see U).

To **search multiple terms** at once, check the boxes (see V) of the terms you want to search. Under "Combine marked terms with..." choose OR from the drop-down menu (see W) to search for articles about any of the terms, or AND to search for articles that are about all of the terms. Then, click on the "Combine Terms" button (see X).

If no subjects in the thesaurus match your search term, no list of terms will appear. You will be given the options to **get suggested terms from the thesaurus**, **search your term as a key word or phrase**, or **browse nearby thesaurus terms alphabetically**.

Print, Email, or Export Stored Records

Click on the "Stored Records" button, located at the top of any page, to view the records you have stored. You can **print** records out in a list format, to **email** records to a specified email address, or to **export** records into a bibliographic manager program, such as RefWorks.