Web of Science

For links to resources used in this workshop go to: [http://www.symbaloo.com/mix/ullibraryresearch](http://www.symbaloo.com/mix/ullibraryresearch)
Presentation Outline

• Overview of Web of Science
• Searching tips
• Alerts & saved searches
• Author search
• Citation report
• Exercises
Web of Science Overview

http://wokinfo.com/products_tools/products/

• UL’s subscription includes:
  o **Web of Science Core Collection**
  o **BIOSIS Citation Index** - Comprehensive, international life sciences content with cited references
  o **BIOSIS Previews** - An expansive index to life sciences & biomedical research from journals, meetings, books, & patents
  o **Current Contents Connect** - Current awareness database
  o **Data Citation Index** - Provides access to quality research data from repositories
  o **Derwent Innovations Index** - Covers basic inventions from 40 worldwide patent-issuing authorities
  o **KCI Korean Journal Database** - Covers regional content from South Korea
  o **MEDLINE** - U.S. National Library of Medicine premier bibliographic database
  o **Russian Science Citation Index** - Covers articles from Russian researchers in over 500 science, technology, medical, and education journals.
  o **SciELO Citation Index** - Covers 650 titles from research in Latin America, Spain, Portugal, the Caribbean & South Africa
  o **Zoological Record** - The world's leading taxonomic reference & oldest continuing database of animal biology
Web of Science Core Collection

- Science Citation Index Expanded (1945-present) >8,500 journals covered
- Social Sciences Citation Index (1956-present) >3,000 journals covered
- Arts & Humanities Citation Index (1975-present) >1,700 journals covered
- Conference Proceedings Citation Index (1990-present)
- Book Citation Index (2005-present)
- Emerging Sources Citation Index (2015-present)
- Index Chemicus (Contains over 2.6 million compounds)
- Current Chemical Reactions (Contains over one million reactions)

http://ip-science.thomsonreuters.com/mjl/
Search Operators

- Standard Boolean Operators: **AND, OR, NOT**
- Use **NEAR/n** to find records containing all terms within a certain number of words (n) of each other (stress NEAR/3 sleep)
- Use **SAME** in an Address search to find terms in the same line of the address (yale SAME hosp)
# Wild Card Characters

<table>
<thead>
<tr>
<th>Symbol</th>
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| *      | Zero to many characters  
  *carbon*  
  *carbon*, *hydrocarbon*, *polycarbonate* |
| $      | Zero or one character  
  colo$r  
  *color*, *colour* |
| ?      | One character only  
  en?oblast  
  *entoblast*, *endoblast* |
Exercises

a) In the Basic Search screen, select Web of Science Core Collection only & search for documents with "energy efficiency" AND house in the Topic field published from 2000 onwards.

b) Limit the results to articles. How many documents fit these criteria?

c) Using the Analyze Results feature, what institution had the highest number of documents? (Hint: Use the Organizations-Enhanced field)

d) Also using the Analyze Results feature, what was the most popular journal to publish in? What is its Journal Impact Factor?

Link: http://www.webofscience.com/
Selecting Relevant Web of Science Journals
Video Tutorial

https://media.heanet.ie/page/9d88f060605e782e1236471cb664f7f8
Web of Science is a platform consisting of several literature search databases designed to support scientific and scholarly research.

There are databases with a subject focus like Medline, BIOSIS Citation Index, and Zoological Record; databases with a document type focus like Derwent Innovations Index (patents) and Data Citation Index (datasets and data studies); and databases highlighting content from regions around the world.

Web of Science Core Collection is our premier resource on the platform and includes over 18,000 peer-reviewed, high-quality scholarly journals published worldwide (including Open Access journals); over 160,000 conference proceedings; and over 80,000 editorially selected books.

Note: Your institution’s entitlement to the Web of Science platform may not include all these databases.
Summary

• Sign up for a Web of Science account to save searches
• Use phrases & combine terms using AND, OR, NOT to refine your search
• Keep up-to-date → Create search and citation alerts in email & RSS formats
• For in depth analysis, use *Create Citation Report* and *Analyze Results* tools
Research Services: Introduction

The Glucksman Library’s guide to assist researchers with all aspects of the research process from finding information to maximising impact.

Getting Published and Maximising Your Research Impact

This recorded lecture examines how to maximise the impact of your published research and summarises much of the content of this LibGuide.

Getting Published & Maximising Your Research Impact

Dr. Fintan Brocken

For links to resources used in this workshop go to: http://www.symbaloes.com/mo/ulilibraryresearch

Research Services & Bibliometrics Librarian

- Provide training and support on bibliometrics including journal impact measures, h-index and metrics
- Provide support on measuring your research impact and tracking your citations
- Advise on how to increase the visibility of your research and maximise the impact of your research
- Advise on open access publishing including funding agency policies
- Advise on author/publisher copyright permissions regarding open access publishing
- Provide training and support on the use of the University of Limerick Institutional Repository (ULIR)
- Provide EndNote training and support

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Thank You

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or at this link