Fundamentals of searching for scientific information in electronic Databases

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What e-resources does the library offer?

- **Digitized** copies of documents from library funds
- Institutional repository eKMAIR
- Service "Course Materials"
- Subscription **Licensed Databases**
- **Open Access Databases**
- **Test access** to databases
- **Scientific magazines of NaUKMA**
Terms and conditions of electronic resources usage

- All licensed resources and resources in test access are protected by the terms of the license agreements with the providers;
- It is allowed to create separate copies (electronic and in printed form) of articles and other documents only for research and educational purposes;
- Prohibited: usage in commercial purposes;
- The user guarantees non-disclosure of confidential information (including ID and password) and adherence to the rules of access to certain resources;
- Access to most resources takes place under the control of IP addresses (without any restrictions on any computer in campus).
Home page

E-catalog
E-collection
E-archive
Digital Library

http://www.library.ukma.edu.ua
Home page - E-resources

E-Resources
- Electronic Catalog
- Databases
- NaUKMA Academic Journals
- Patents
- Search Systems
- E-Archive
- Digital Libraries
- Declassified materials Archive of Security service of Ukraine (SSU)
Virtual collection eResours in electronic catalog

www.library.ukma.edu.ua
View the electronic version of the document available in NaUKMA's local network.
Institutional repository eKMAIR

- Created in 2006
- Software - DSpace
- As of 05/16/2018, 11459 files
- Archiving - Recommended

(there is no compulsory policy university)
The main purpose of the electronic archive of the National University of Kyiv-Mohyla Academy eKMAIR is to accumulate, preserve, distribute and provide long-term, permanent and reliable access to scientific researches of the faculty, staff and students of the University.
Materials for the courses - the electronic catalog database and library service, which aims to gather all the resources in one place, which are needed by the teacher for the course - the curriculum, paper publications from the library fund, electronic and digitized resources, other materials (presentations, illustrations)
Scientific publications of NaUKMA

Library supports website for scientific journals of the University - NaUKMA
Scientific Papers and Magisterium

http://nz.ukma.edu.ua/
Other NaUKMA publications

Library is participating in the project of creation of a single portal for university journals

Journals.ukma.edu.ua
Search - Subscribed databases

licensed access to full texts;
database interface features:
advanced search
formation of lists
import records
notification setup
Search - Scientometric databases

**abstract information** on the key issues for each industry magazines that have undergone strict editorial selection;

**platform capabilities**: search, analysis, notifications, citation tracking

Minus - **the lack of full texts**
Search - Open Access Databases

available free from the internet

However, these are only those magazines / publications, the authors of which agreed to distribute them on the Internet free of charge. Such search will not be complete
Search in full-text databases

Example

HeinOnline is the world's largest database of legal research

Launched in 2000 by William C. Hein & Co., Inc. (WSH Co), a publisher from Buffalo, New York
A simple search is available from the main page. We can search in full texts, in quotation, in the catalog, and in the case law.
Advanced search

By clicking on the Advanced search button, the search box for the advanced search will open.
Add new search field
YYYY = year, For example: 1987
Add time limits
Search Syntax

For more information and tips please review our Advanced Search Syntax Guide.

Note that all Boolean operators must use capital letters.

**AND** to search for multiple terms i.e. **evidence AND admissibility** will produce documents that contain both terms.

**OR** to search for either one of a pair of similar terms i.e. **brief OR evidence** will produce documents that contain either of these terms.

**NOT** to exclude a term from a search i.e. **evidence NOT briefs** will exclude every search result containing the word "briefs".

"" to use quotes to search for a phrase i.e. **"love canal"** will search for documents containing the exact phrase "love canal".

() to search grouped clauses to form sub-queries i.e. **(watershed OR "water rights") AND planning** will produce documents that contain either watershed or water rights and planning.

~ to search for words within a particular proximity of each other i.e. **"watershed planning"~10** will search for watershed within 10 words of planning.

? to search for words where there may be variations of the word that you want included in your search i.e. **te?t** will produce documents that contain text or test.

* to search for a word with multiple character differences i.e. **brief* will return searches with the words brief, briefs, and briefed."
Search by quotation

Most HeinOnline collections have the Citation Navigator tool.

Therefore, if you have a quote, you can quickly insert it into HeinOnline's Citation Navigator and instantly access the article or work you are looking for.

For a list of quotes by title, click on the link "Citation Format Guide"
Search by citation

If you do not know the quote - Citation format guide button
By clicking on the source title - the search box opens with the publication number, page number.
By clicking on the Get Citation button - opens the full text of the journal we searched for.
Case Search

Fastcase Lookup
Enter a case citation

Get Citation

Or By Direct Citation
Vol. Abbreviation
Page
1L App (1st)

Get Citation

Existing Fastcase subscriber? Click here to access additional features available with a joint subscription.

Case law powered by

[Fastcase logo]
Search in full-text databases

Example

EBSCO is a powerful operational reference and bibliographic system that provides a wide range of abstracts, full-text publications, images, videos from renowned information providers.
## Databases

<table>
<thead>
<tr>
<th>FullText</th>
<th>Bibliographic</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Academic Search Premier</td>
<td>• Medline</td>
</tr>
<tr>
<td>• Business Source Premier</td>
<td>• ERIC</td>
</tr>
<tr>
<td>• HealthSource Nursing/Academic Edition</td>
<td>• GreenFILE</td>
</tr>
<tr>
<td>• HealthSource-Consumer Edition</td>
<td>• Library, Information Science &amp; Technology Abstracts (LISTA)</td>
</tr>
<tr>
<td>• Consumer Medication Information</td>
<td>• Teacher Reference Center</td>
</tr>
<tr>
<td>• Newspaper Source</td>
<td>• European Views of Americas (1493-1750)</td>
</tr>
<tr>
<td>• Master File Premier</td>
<td></td>
</tr>
</tbody>
</table>
The World's Most comprehensive, full-text database for Multidisciplinary Research

- More than 4,750 active full-text journals and magazines
- 2,200 full-text journals are indexed in Web of Science and Scopus
- Bibliographic data of 15,300 journals
Topical Video Content

Academic Search Complete offers access to video content from the Associated Press, the world’s leading news agency.

- collection of more than 67,000 videos
- updated monthly
- footage from 1930 to the present
- covers a wide variety of topics
An essential tool for business students. It covers all disciplines of business.

- More than 2,150 active full-text journals and magazines
- 2,200 full-text journals are indexed in Web of Science and Scopus
- Combined with the comprehensive database **Regional Business News** with full text for nearly 120 regional business publications
A Digital Collection of Full-Text Magazines for Public Libraries

Content:
- More than 1.600 magazines and journals
- 450 reference books
- Primary source documents
- Collection more than 1.5 million photos, maps and flags
- PDF backfiles available as far back as 1917

Subject areas:
- business
- health
- education
- general science
- multicultural issues
Health Source: Nursing/Academic Edition

Health Source: Consumer Edition

Full-text databases for medical sciences, nursing and health research

Content:
- full text from more than 435 journals
- current health-related pamphlets
- 110 full-text health reference books
- more than 18,800 Clinical Reference Systems reports

Subject areas:
- Pediatric nursing
- Critical care
- Mental health
- Nursing management
- Medical law
- AIDS & cancer
- Diabetes
- Drugs and alcohol
- Aging
- Fitness
- Nutrition and dietetics
- Children's and women's health
Full Text for Leading National (U.S.), International and Regional Newspapers
EBSCO checks our IP address. If we enter from the NaUKMA network, EBSCO identifies us.
Search in EBSCO

To start select the databases in which you will search - put the marks in front of the ones you choose (you can select all the bases or several at once)

- **Health Source - Consumer Edition**
  - This database is the richest collection of consumer health information available to libraries worldwide, providing information on many health topics including the medical sciences, food sciences and nutrition, childcare, sports medicine and general health. Health Source: Consumer Edition provides access to nearly 80 full text, consumer health magazines.
  - [Title List] [More Information]

- **Health Source: Nursing/Academic Edition**
  - This database provides nearly 500 scholarly full text journals focusing on many medical disciplines. Health Source: Nursing/Academic Edition also features the AHFS Consumer Medication Information, which covers 1,300 generic drug patient education sheets with more than 4,700 brand names.
  - [Title List] [More Information]

- **Library, Information Science & Technology Abstracts**
  - Library, Information Science & Technology Abstracts (LISTA) indexes more than 500 core journals, nearly 50 priority journals, and nearly 125 selective journals; plus books, research reports and proceedings. Subject coverage includes librarianship, classification, cataloging, bibliometrics, online information retrieval, information management and more. Coverage in the database extends back as far as the mid-1960s.
  - [Title List] [More Information]
By clicking Continue we enter the home \ search page. The EBSCO search form opens and above it - the control panel.
We can browse the databases we’ve chosen. To do this, click Show All
Search in EBSCO

Set the interface language
1. Click the **Advanced Search** link below the **Find** field.
2. Enter your search terms in the first **Find** field on the Advanced Search screen.

**Search in EBSCO**

- Equal pay
- AND women's rights
- NOT workplace violence
1. Choose the search field from the optional **Select a Field** drop-down list (for example, search in only the Subject Terms field of the citation).
2. Select a Boolean operator (AND, OR, NOT) to combine the two **Find** field entries.
3. You can enter another Boolean operator, keyword, and search field in the third set of fields.
4. If you need additional rows, click the **Plus button**. Up to 12 rows can be displayed. To delete a row, click the **Minus button**.
5. Click the **Search button**
Booleans

Boolean logic defines logical relationships between terms in a search. The Boolean search operators are and, or and not. You can use these operators to create a very broad or very narrow search.

- **And** combines search terms so that each search result contains all of the terms. For example, travel and Europe finds articles that contain both travel and Europe.
- **Or** combines search terms so that each search result contains at least one of the terms. For example, college or university finds results that contain either college or university.
- **Not** excludes terms so that each search result does not contain any of the terms that follow it. For example, television not cable finds results that contain television but not cable.

**Note:** When executing a search, And takes precedence over Or.

The following table illustrates the operation of Boolean terms:

<table>
<thead>
<tr>
<th>And</th>
<th>Or</th>
<th>Not</th>
</tr>
</thead>
<tbody>
<tr>
<td>Each result contains all search terms.</td>
<td>Each result contains at least one search term.</td>
<td>Results do not contain the specified terms.</td>
</tr>
<tr>
<td>The search heart and lung finds items that contain both heart and lung.</td>
<td>The search heart or lung finds items that contain either heart or items that contain lung.</td>
<td>The search heart not lung finds items that contain heart but do not contain lung.</td>
</tr>
</tbody>
</table>

Using Booleans and Parentheses

To make even better use of Boolean operators, you can use parentheses to nest query terms within other query terms.

You can enclose search terms and their operators in parentheses to specify the order in which they are interpreted. Information within parentheses is read first, then information outside parentheses is read next. For example,

When you enter (mouse OR rat) AND trap, the search engine retrieves results containing the word mouse or the word rat together with the word trap in the fields searched by default.

If there are nested parentheses, the search engine processes the innermost parenthetical expression first, then the next, and so on until the entire query has been interpreted. For example,

(mouse OR rat) AND trap OR mousetrap

Using Booleans When Phrase Searching

When Boolean operators are contained within a phrase that is enclosed in quotation marks, the operator is treated as a stop word. When this is the case, any single word will be searched for in its place.
Special characters

(...)- words in parentheses are searched in the first place.

?- to insert a character within or at the end of a word. For example, Dr? Nk - will find a drunk, drink ...

*- for "cropping" any number of characters at the end of the word. For example, comput * finds computers, computers, computing ...
Special characters

**W #** - will give results in which search terms will be within the # words from each other and will follow the order in which they were entered. For example, Library W5 Future will find "Library of the Future".

**N #** - we get results in which search terms will be within the # words from each other and will follow in random order.
Search results are displayed on the screen in chronological order starting with the newest.
EBSCO search results

All results - found articles are displayed in the center of the screen.

1. The number of results can be **reduced by specifying** the source type, topic, journal, author, etc.

2. When you **click on the link with the title** of the article, a page with a description and / or full text of the article opens.

3. You can **view the full text** of the document in the specified format.
Search results

You can limit search results to "Full text",
"Type of publication,"
"Edition date,"
etc.
Folders

Any search result can be added to the Folder

This will help in sorting out the documents that you save

If you are logged in with EBSCO, working with folders will be saved forever. If not - folder content will empty after you close the browser
EMPLOYMENT LAW -- EQUAL PAY LEGISLATION -- OREGON BANS EMPLOYERS FROM ASKING JOB APPLICANTS ABOUT PRIOR SALARY.


Document Type: Article

Subject Terms: "WAGE differentials
"JOB applications -- Law & legislation
"LAW
"WOMEN'S wages
"SEX discrimination in employment -- Law & legislation
"EQUAL pay for equal work
OREGON
UNITED States

Abstract: The article reports on the Oregon Equal Pay Act of 2017 regarding the salary history of job applicants. It discusses the continuing effect of gender-based wage differentials if salary histories are known, the question of equal pay for equal work and its effect on sexual discrimination in the workplace, and the possible difficulties in implementing the law.

ISSN: 0017-811X

Accession Number: 128431910
You can view the annotation and the information of the document.

Choose from the suggested options how to save this description (Tools Control Panel).

View Source - which are hyperlinks, that go to EBSCO page - and view other issues.

Find Similar Results
RECENT LEGISLATION


In 2016, women working full time earned on average nineteen percent less than men. For decades, policymakers have tried to narrow this “pay gap.” Between 1980 and 2016, the gap fell by one-half, but substantial differences in earnings remain. States and cities have begun to experiment with new equal pay laws to try to close the gap. Recently, Oregon enacted the Oregon Equal Pay Act of 2017, which bans employers from asking about or using prior salary in hiring decisions. The Oregon Equal Pay Act of 2017 goes further than the federal Equal Pay Act of 1963 (EPA) and other state and local laws in preventing employers from justifying an otherwise unlawful pay disparity on the basis of prior salary. However, the complete ban on asking about or using prior salary carries a risk — by limiting the information available to employers, it may encourage discrimination based on gender. The gender pay gap in Oregon — at twenty-one percent — is slightly higher than the national average. To try to close the gap, Democrats in the Oregon House of Representatives introduced H.B. 2005.


3 See SEMEEEA ET AL., supra note 1, at 813-816.


6 2017 Or. Laws ch. 197, H.B. 2005 (to be codified in scattered sections of OR. REV. STAT.).
Working with full text

- Full text can be flipped
- Rotated clockwise
- Download to your device
- Print out
- Save on Google Drive
- Send to e-mail,
- Save to folder
- Cite
- Export
You can create a Cite of a search result. This quotation can be used in your list of sources and literature.

**Citation Format**

**ABNT**
(Brazilian National Standards)

References


**AMA**
(American Medical Assoc.)

Reference List


**Export to Bibliographic Management Software** (EndNote, ProCite, Reference Manager, RefWorks, BibTeX, etc.)
You can Create Notes for each of the materials
The upper EBSCO control panel gives us other search options if we want to search extra for:

- **Publications**
- **Subject Terms**
- **Cited References**
- **More:**
  - **Images**
  - **Indexes**
Searching for the journal through the Publications tab in the control panel opens a complete list of journals in EBSCO.

This list is large, so you can sort it by:

1. (alphabet)
2. (by subject & description)
3. (match any words)
Subscribe to the journal updates

Once you have found the magazines you are interested in, you can:

- go to the Journal page with information about it and a full list of issues
- Subscribe to Magazine Updates - Create alert

and receive notifications when a new issue comes out
Search subject terms

There is a number of terms in different fields of knowledge that can be searched in the Subject Terms tab.

The tab opens a list of terms, we can limit it:

- (Term begins with...)
- (Term contains...)
- (Relevancy Ranked)
Search subject terms

Also, this search allows us to search for geographical places or for people.

**Places search** - a list of geographic names, by choosing one of them, we can add it (add button) to the search field.
Search subject terms

**People search** - Opens a list of historical personalities and names

Clicking add (add button) - inserts this person to our search box
Search for images

Image search is performed on the Images tab in the control panel

In the search box, enter one or more words to search by images
Search Results: 1 - 10 of 284

"Capitism: A Love Story" premiere held in Beverly Hills, California: Actress Arielle Kebbel attends the premiere of the new Michael Moore documentary "Capitism: A Love Story", at the Academy of Motion Picture Arts & Sciences in Beverly Hills, California on September 15, 2009. UPI/Jonathan Alcorn

"Capitism: A Love Story" premiere held in Beverly Hills, California: Musician Tom Morello attends the premiere of the new Michael Moore documentary "Capitism: A Love Story", at the Academy of Motion Picture Arts & Sciences in Beverly Hills, California on September 15, 2009. UPI/Jonathan Alcorn

"Capitism: A Love Story" premiere held in Beverly Hills, California: Actor Jesse Metcalfe attends the premiere of the new Michael Moore documentary "Capitism: A Love Story", at the Academy of Motion Picture Arts & Sciences in Beverly Hills, California on September 15, 2009. UPI/Jonathan Alcorn
Search for images

Each image is also an informational unit, that is, each image:

- Copyright protected
- Has a complete description
- Can be saved to your device, sent to e-mail, downloaded to Google Drive, etc.
Scientometrics is the study of measuring and analysing science, technology and innovation. Major research issues include the measurement of impact, reference sets of articles to investigate the impact of journals and institutes, understanding of scientific citations, mapping scientific fields.
Basic Search in Scopus

You can perform a simple search for general information using one or more keywords. It is also possible to limit the search criteria to specific timeframes, document types, and subject areas.

- Basic Search
- Author Search
- Affiliation Search
- Advanced Search
Enter query string

Query - means question

String - means phrase

There are two ways to search for a phrase - an exact search and an approximate search - depending on how precisely you want to match results.
To find documents that contain the exact phrase, insert the phrase into curly brackets: `{molecular genetics}`

RESULT: This includes any characters, spaces, and punctuation that you have included in brackets
 approximate phrase search is performed in quotation marks

For example: "heart-attack" will find all the documents where the word heart and attack stand next to each other in the name, description, or keywords.

But! heart-attack - finds all documents where the words heart and attack stand next to OR separately in the title, description, or keywords.
Boolean operators

Boolean operators - AND, OR, NOT

Cognitive AND architecture = Cognitive architecture

liver OR damage = liver damage (якщо знайдені обидва) або liver (якщо є тільки liver) або damage(якщо є тільки damage)

lung NOT cancer = lung

Advanced search

operators: AND, OR, NOT

Enter query string
(генетика) AND

George Boole - English mathematician, philosopher and logician
Proximity operators

**W/n** - number of words after the word

**PRE/n** - number of words before the word

Example: **sensor W/15 robot** - documents where sensor is within 15 words of robot

For example: "red brick house", as well as "brick red house" or "red house made of brick".

By limiting proximity, these operators help avoid documents where words are scattered throughout the page.
Search fields, they are abbreviations that help in finding:

ALL, TITLE-ABS-KEY, INDEXTERMS ...
To search for journals, the Sources tab opens a complete list of journals indexed in Scopus. The list is long so we can reduce it if we know ISSN, the name of the publisher, or only open access journals. If we know journal title, enter it in the Search field.
Scopus makes it easy to find the right author

Simply enter the surname and the author name and click Search. The name of the author will be displayed in the search results. Search results can be displayed alphabetically or by the number of documents.
Recommendations

1. Start search in scientometric databases

2. Search full texts through licensed databases and open source resources

3. Set up alerts for major journals from your discipline, as well as individual authors and organizations.
Thank you!

Oleksandra Yaroshenko
Electronic Resources
1-120

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librarynaukma@gmail.com