Academic Research Skills

Education & Research Support Team Central Library
063-270-4409 / lib4407@jbnu.ac.kr

JEONBUK NATIONAL UNIVERSITY

Search for Academic information

- Academic information
  - Professional information recognized by a group as the achievement of that research area in a group of researchers
  - The source and evidence must be clear and reliable
- Avoid unverified materials such as general portal sites and blogs

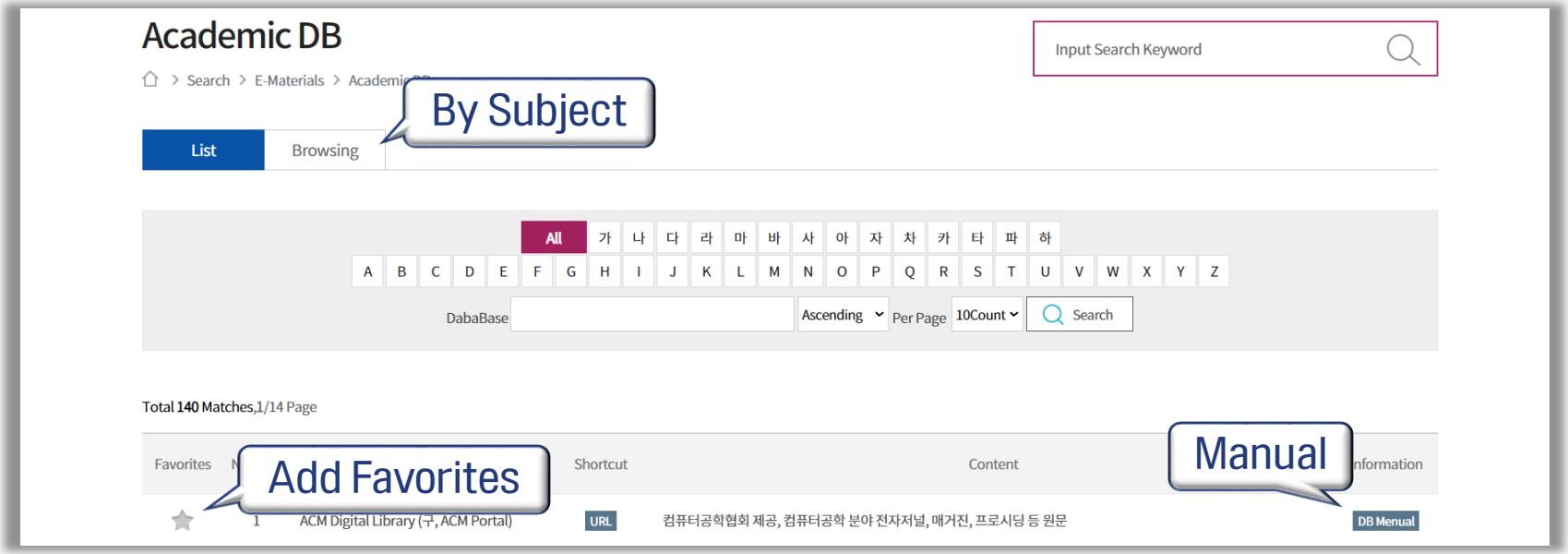


Academic Database

- Browse the full text, abstract, and citation information of domestic and foreign academic materials
- Disclosure of a list of selected journals through scientific indicators
- Download at a reasonable level in compliance with fair use standards
  * Do not download the entire journal and use macro programs

Access academic database

- Search > E-Materials > Academic DB
- Provides DB usage guide (manual), journal list (title list)
  - If you use it outside of school, you need to log in to the website.



Search the library homepage

① Search all: collection of physical materials & electronic resources & external API search

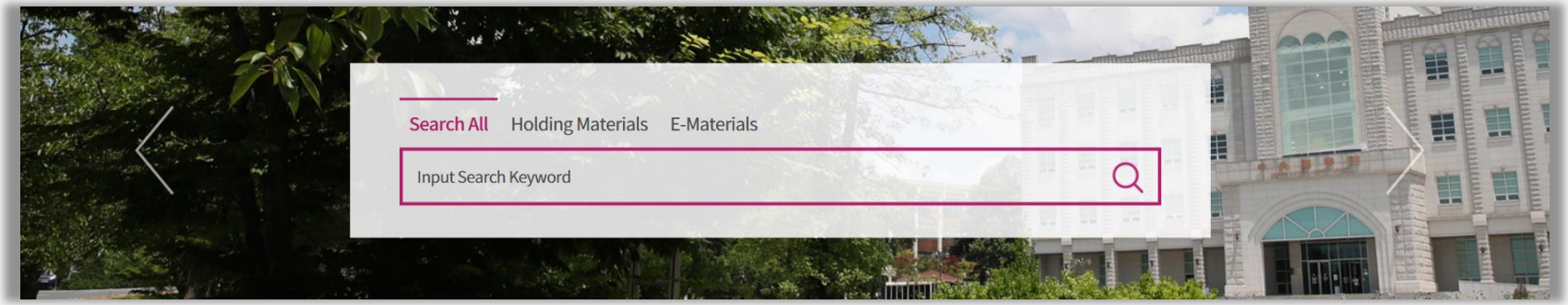
② Holding Materials Search: Search for actual materials from the collection

③ E-Materials Search: Subscription Electronic Resource Search

④ External API search: Search external sites with the application program interface

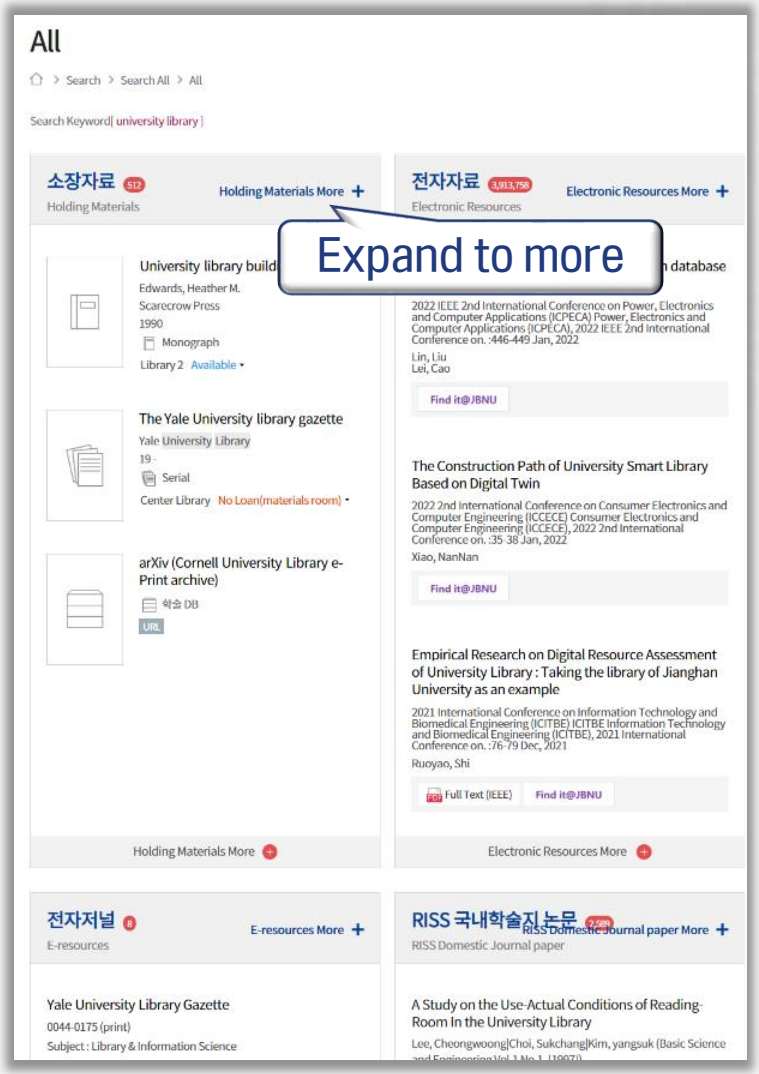
⑤ Search by type: books, serials, dissertations, non-books

⑥ E-Journal Search: Index and search by publication name and subject area



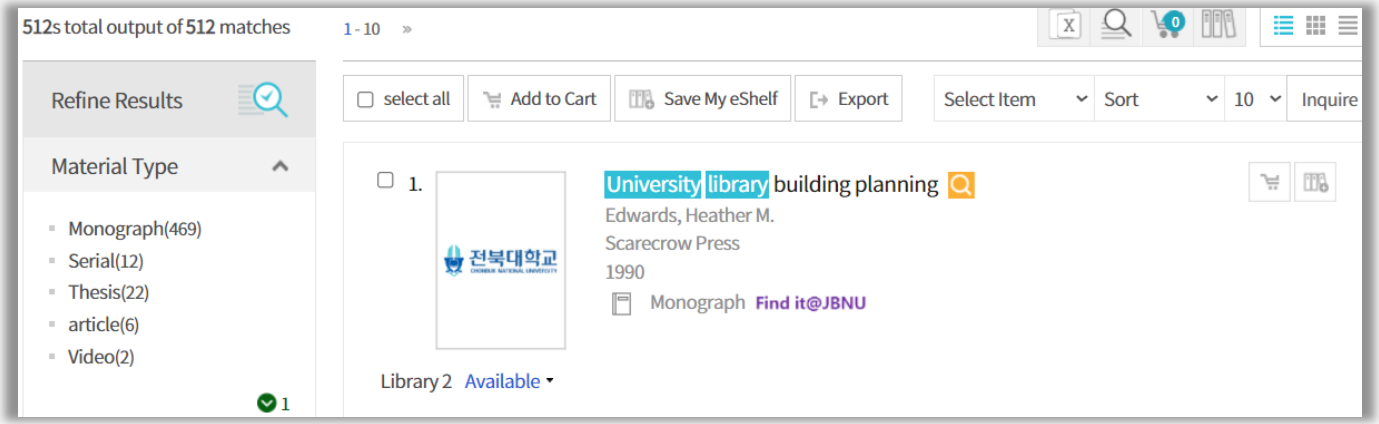
Search all

- collection
- electronic data
- electronic journal
- Papers in RISS domestic and overseas academic journals
- RISS thesis
- ScienceOn Papers
- KCI Papers
- Google Scholar
- Material purchase and Document delivery services



Holding Materials Search

- Real library materials such as books, non-book materials, and dissertations



No.	Accession No.	Call No.	Location	Availability	Due Date	Make a Reservation	Service	Medium Information
1	W288702	025.1 G664a	Center Library/과학기술자료실(2층)/	Available				

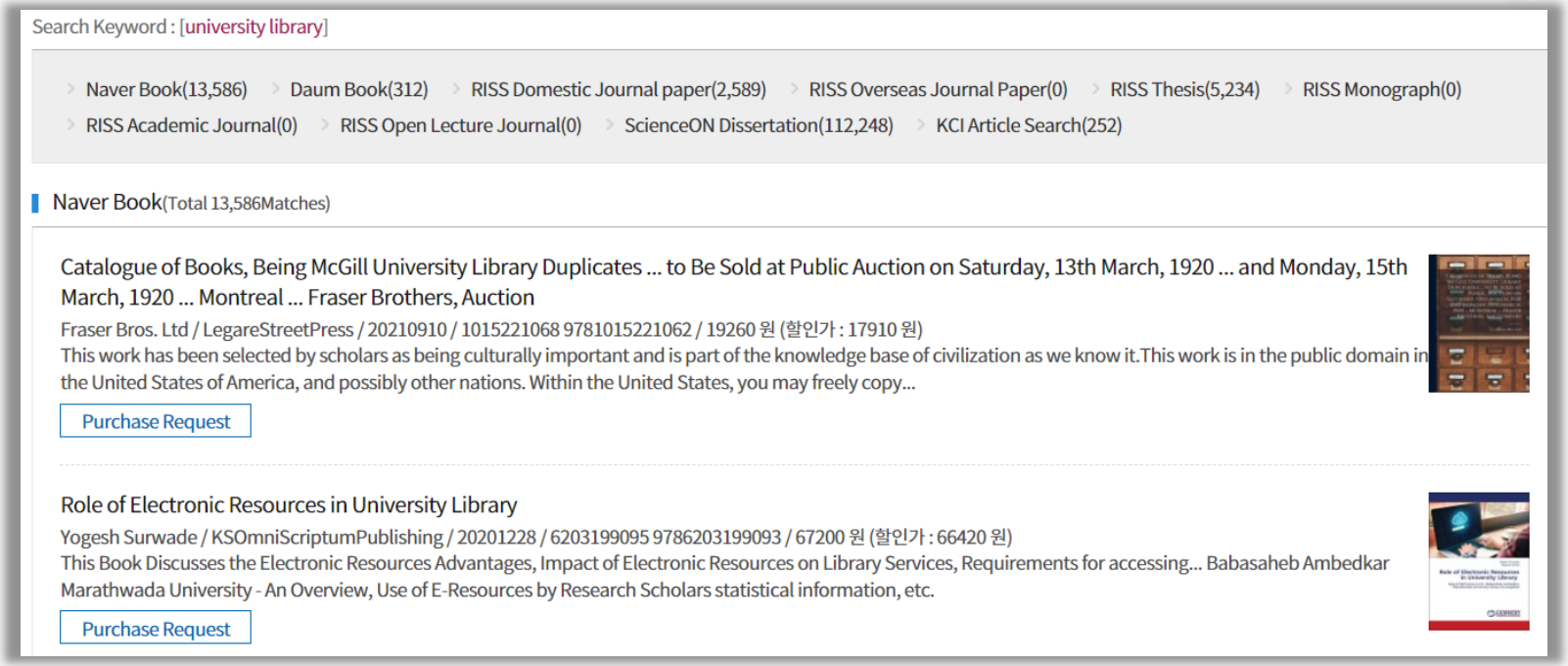
E-Materials Search

- Search based on the name of the journal article in the form of electronic data (all DB for library subscription)
- For publications, located at the top
- In the result list, you can view the original PDF text, whether the journal is registered, and the citation index



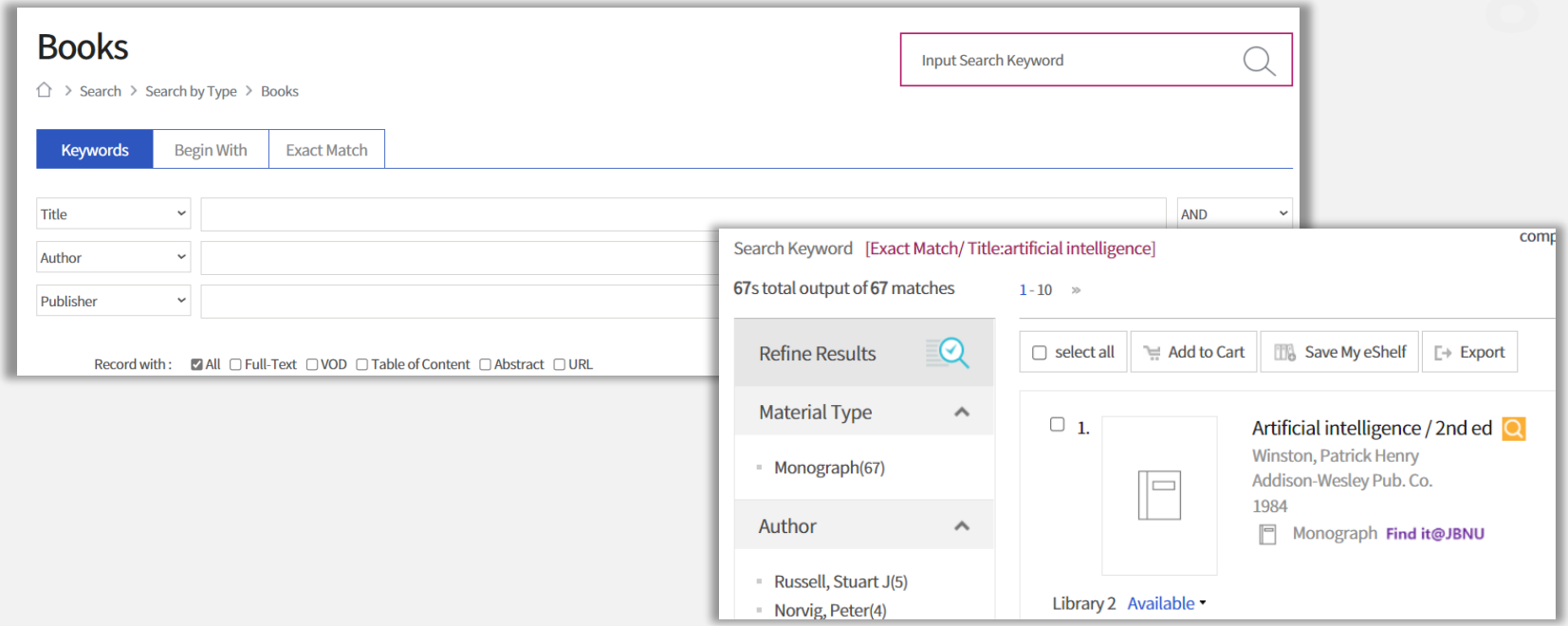
External API search

- Search > Search All > External API search
- Search in Naver Book, Kakao Book, RISS, ScienceOn, KCI



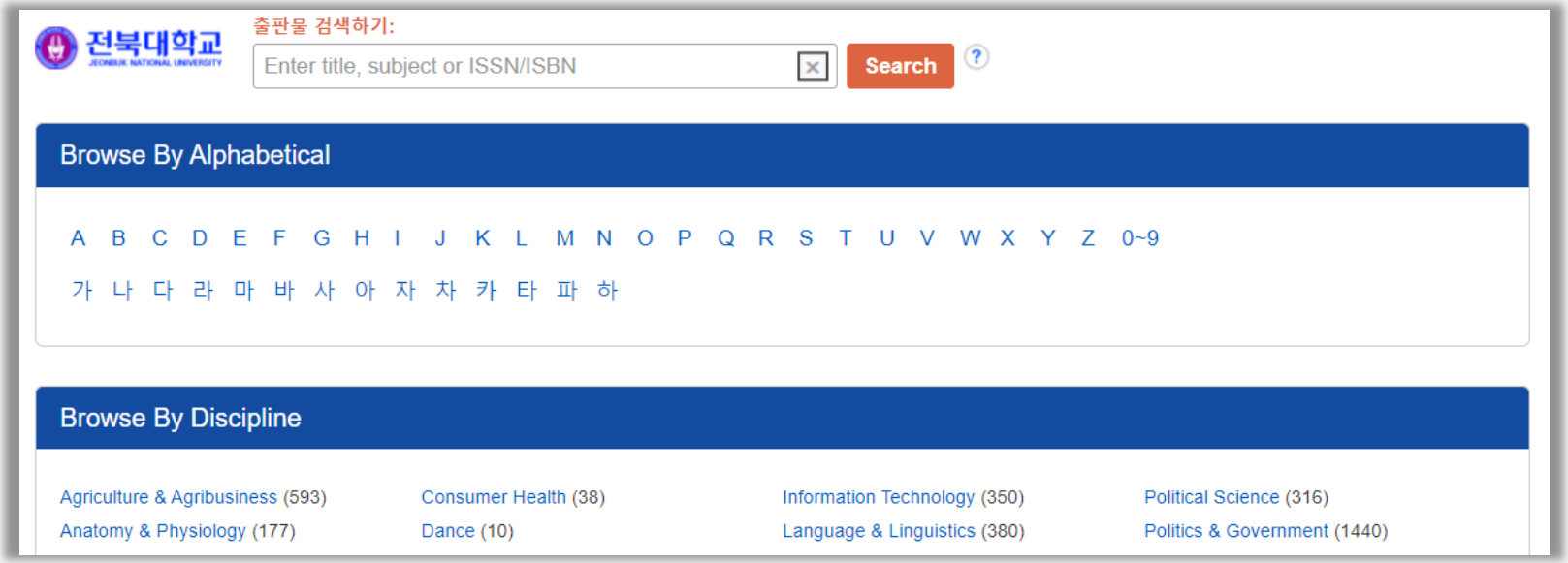
Search by type

- Search > Search by Type
- Advanced search for books, serials, theses, non-books



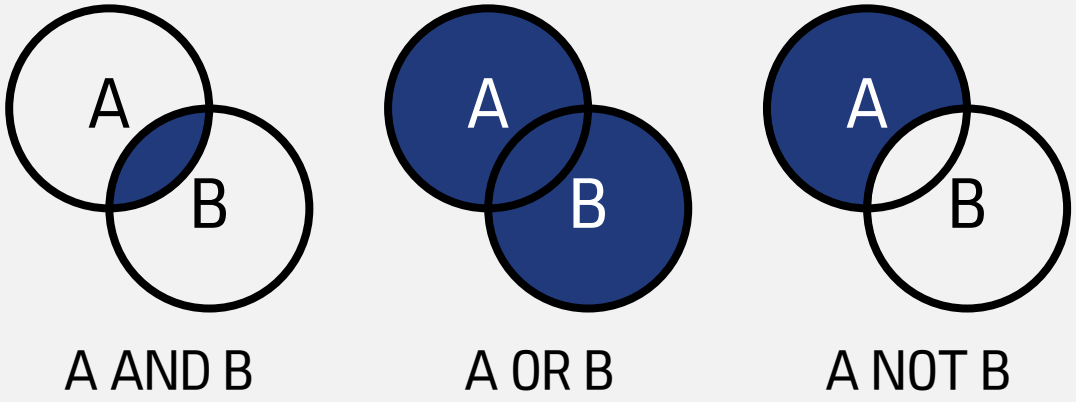
E-Journal Search

- Search > E-Materials > E-Journals
- List of available e-journals
  - Search by publication title, subject, ISSN, etc.
  - Browse by alphabetical and discipline



Library homepage operators

- Boolean operators: must be uppercase



ex) education AND student

→ Materials that contain both the words 'education' and 'student' in one material

education OR student

→ All materials with 'education' and 'students'

education NOT student

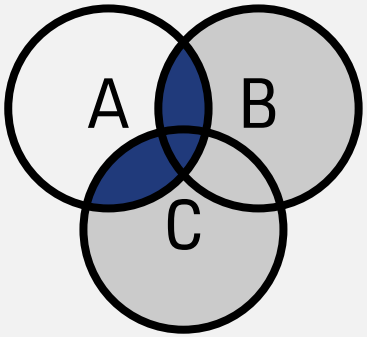
→ Materials with "education" excluding materials with "student"

Library homepage operators

- Symbol operator: works when using English search terms

Operator	Function
()	Set operator priority
*	Search for words that contain 0 or more characters
?	Search for words containing the number of characters of 1 letter

ex) A AND (B OR C)



ex) dat*e

- date
- dateline
- datable
- database
- dative ...

ex) dat???e

- dataONE
- datable

ex) dat????e

- database
- datatype

Search term combination practice

- Expand your search terms by grouping similar concepts with OR and other concepts with AND

ex) The effect of smartphone addiction in adolescents on their academic achievement ➡ Simple list search

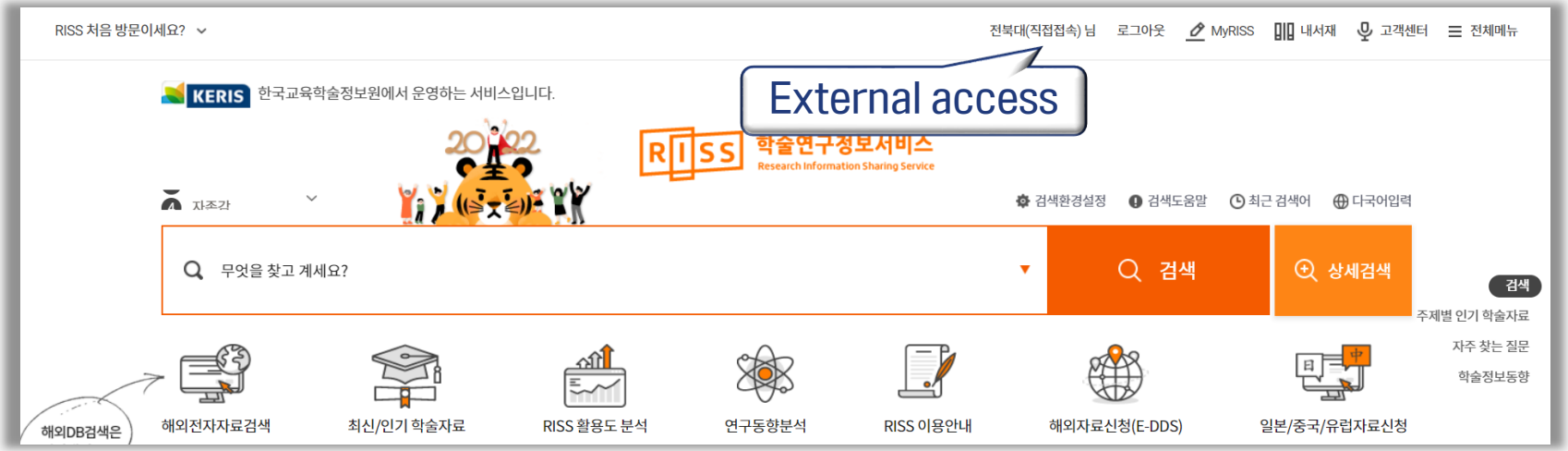
① adolescents smartphone addiction academic achievement

② adolescents AND smartphone AND addiction AND academic achievement ➡ Keyword classification

③ (adolescents OR teenagers OR children) AND (smartphone OR mobile phone) AND (addiction OR overuse OR dependency) AND academic achievement ➡ Synonymous combinations

RISS

- Provided by KERIS(Korea Education and Research Information Service)
- Joint use of university-generated resources to improve the efficiency of research activities
- Search for domestic and foreign academic papers, dissertations, journals, books, research reports, and public lectures



RISS operators

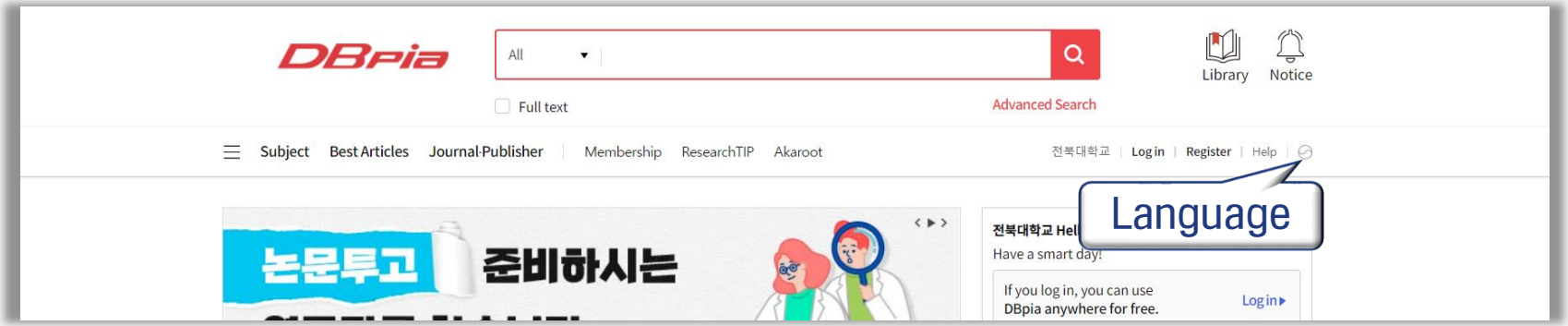
Operator	Function
(space)	AND
|	OR
!	NOT
()	Set operator priority
""	Phrase search (Exact match operator)





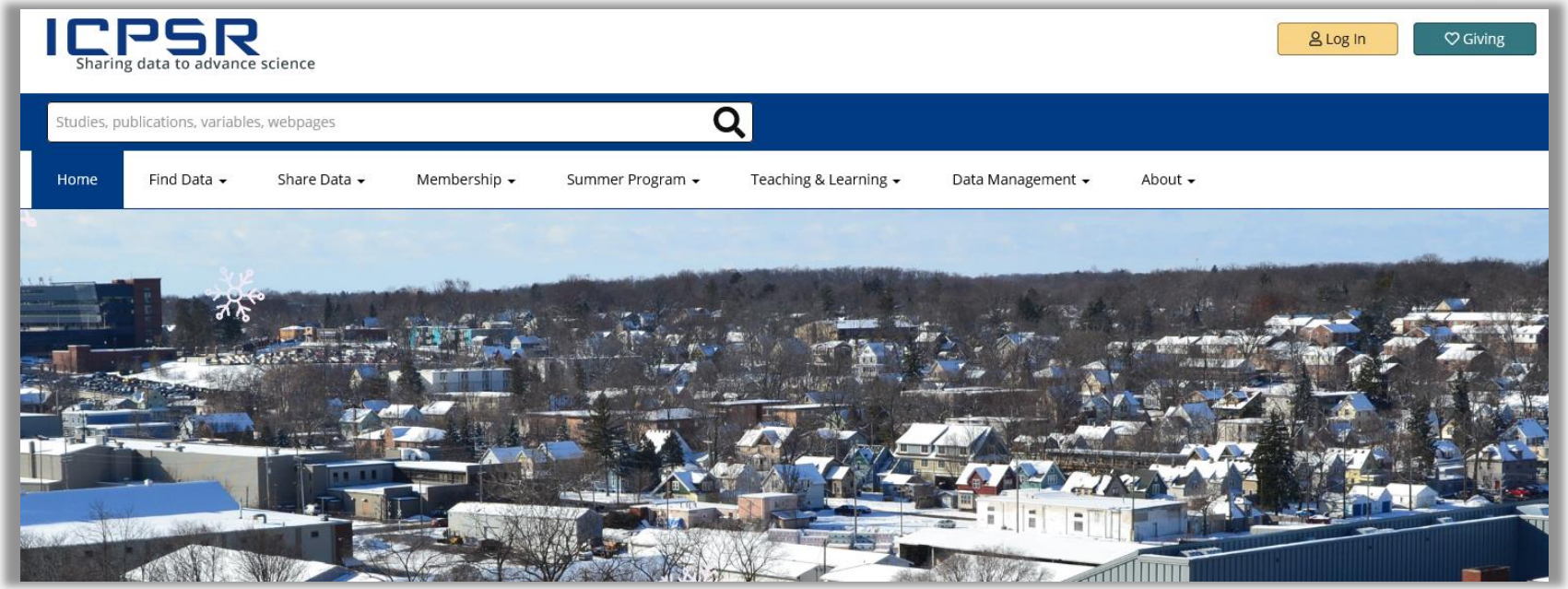
DBpia

- Provided by Nuri Media
- Search for academic journals, conference data, professional magazines, research reports, and trend data
- Check popular papers, journals, authors, and major research keywords by topic
- Tips for writing a thesis, reading the best thesis by group
- Use the same search operators as RISS



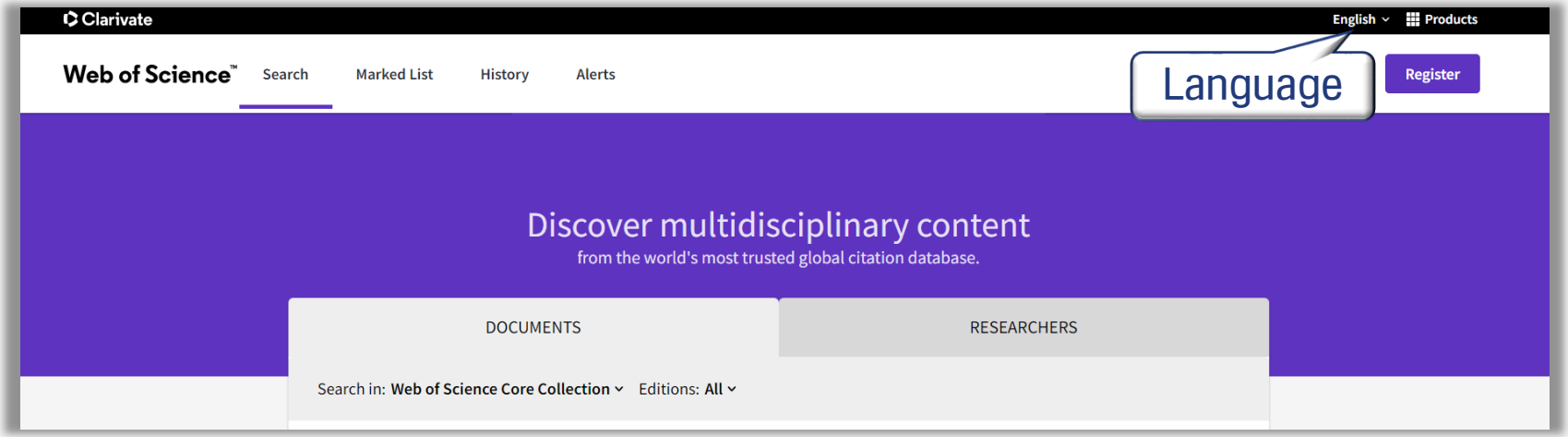
ICPSR

- Statistical, Survey, Numerical and Bibliographical Archives
- Provides research data and numerical files collected by topic from around the world



Web of Science

- Courtesy of Clarivate (formerly Thomson Reuters)
- World's first indexing of journals in the 1950s
- Developing the Scientific Citation Index (SCI) through a rigorous and impartial process
- Using Journal Impact Factor as a key influencer indicator



Web of Science operators

- Boolean operators: case insensitive
- Symbol operator

Operator	Fuction
()	Set operator priority
*	Search for words that contain 0 or more characters
?	Search for words containing the number ofcharacters of 1 letter
$	Search for words containing the number of characters of 0, 1 letter
""	Phrase search (Exact match operator)

Web of Science searchable fields

f=(s)

Field	Function
ALL	All fields
TS	Title, Abstract, Keyword
TI	Title
AB	Abstract
AU	Author
ED	Editor
SO	Journal title
DO	DOI(Digital Object Identifier)
IS	ISSN(International Standard Serial Number)
PY	Year of publication
OG	Organization name

Search word combination practice

- Expand your search terms by grouping similar concepts with 'OR' and other concepts with 'AND'

ex) The use of music therapy to reduce stress levels in premature infants

① premature infant music therapy stress ➡ Simple list search

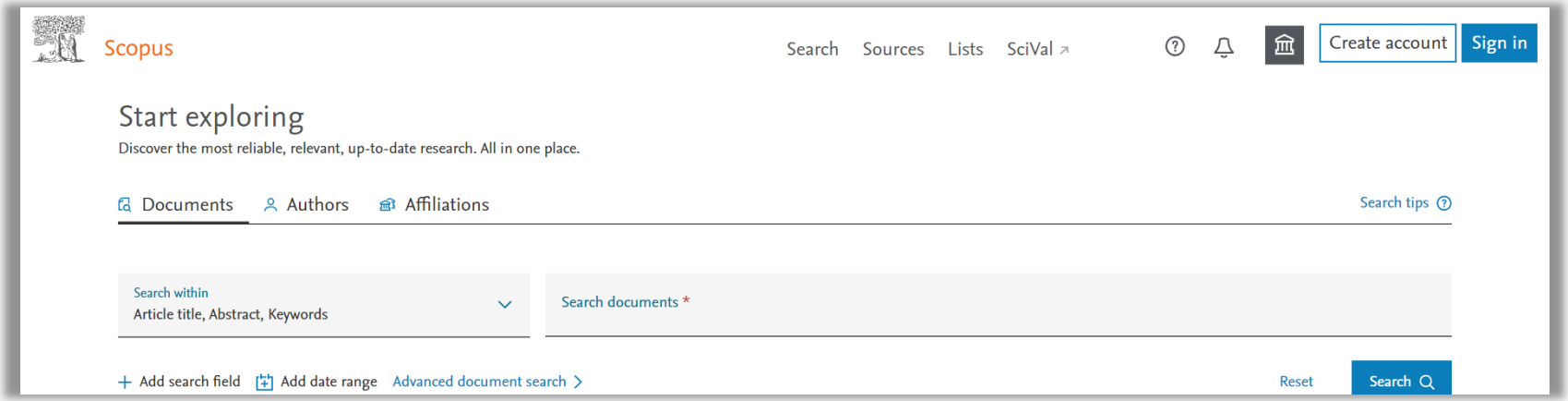
② premature infant AND music therapy AND (stress OR anxiety) ➡ Combine similar search terms and set priorities

③ TS=("premature infant" AND "music therapy" AND (stress OR anxiety)) AND PY=(2021) ➡ Phrases and fields

④ TS=(("premature infant*" OR "preterm infant*") AND ("music therapy" OR music OR sing* OR song) AND (stress* OR anxiety)) AND PY=(2021) ➡ Wildcards and add search terms

Scopus

- Citation Index DB provided by Elsevier
- Started as a global academic dissertations platform in 2004, providing regional publications around the world
- Relatively fairer than SCI, including content from non-English-speaking countries
- Enter the NOT operator as AND NOT



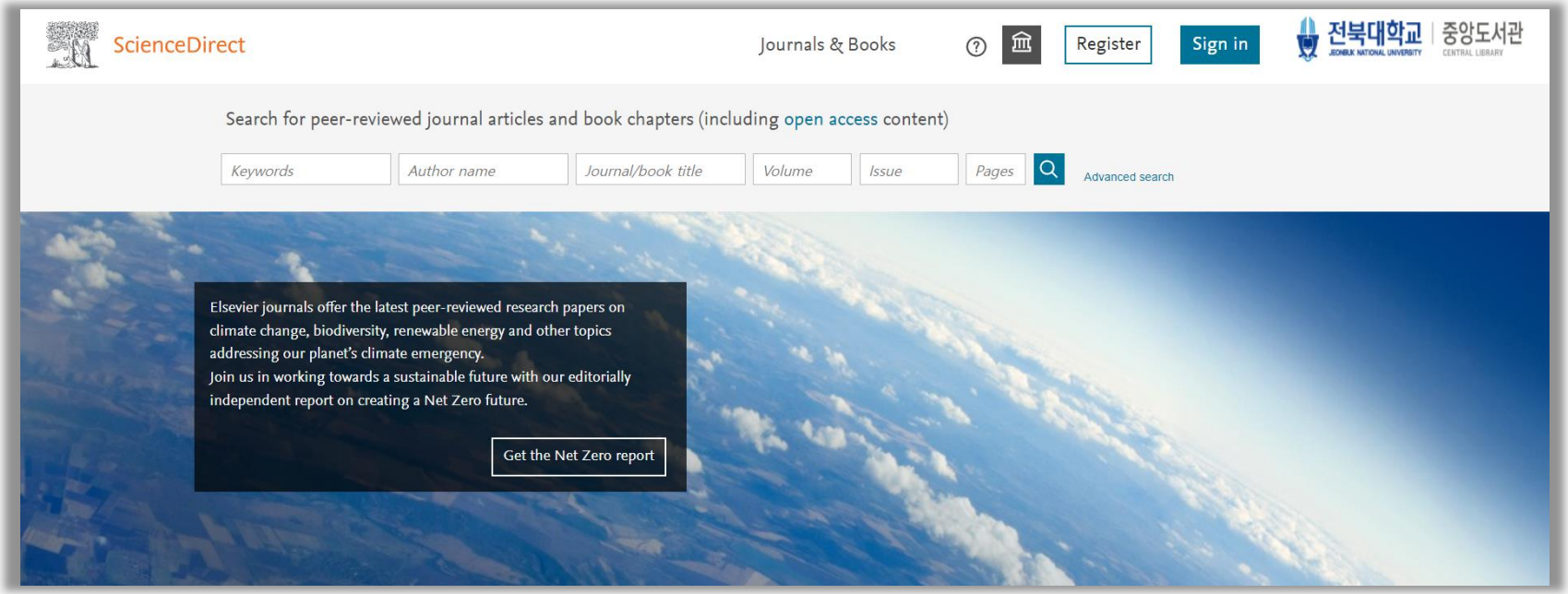
Scopus searchable fields

f(s)

Field	Function
ALL	All fields
TITLE-ABS-KEY	Title, Abstract, Keyword
TITLE	Title
ABS	Abstract
AUTH	Author
EDITOR	Editor
SRCTITLE	Journal title
DOI	DOI(Digital Object Identifier)
ISSN	ISSN(International Standard Serial Number)
PUBYEAR	Year of publication
AFFIL	Organization name

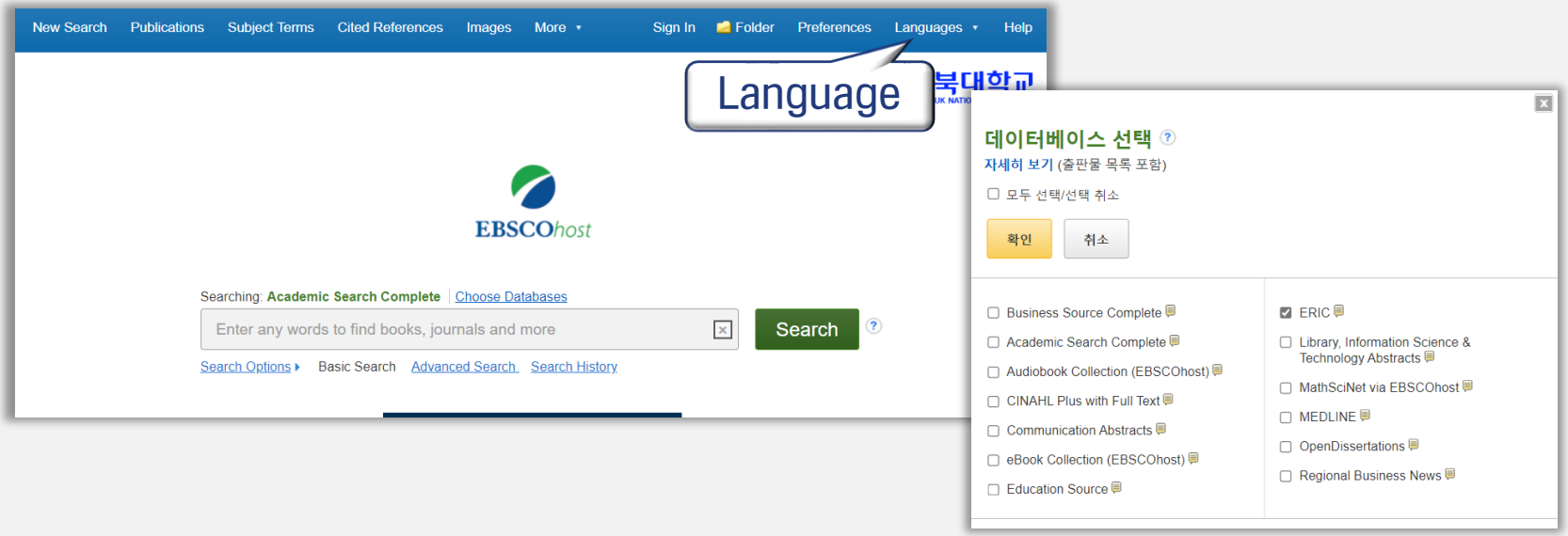
ScienceDirect

- Full text DB provided by Elsevier
- All fields of journals and books are included
- Must be uppercase when using operators
- Searchable fields are not supported



EBSCOhost

- Provided by EBSCO
- Various databases such as ASC(Academic), BSC(Business), ECC(Customize collection), Education Source, ERIC, etc. can be integrated and used
- Must be uppercase when using field codes

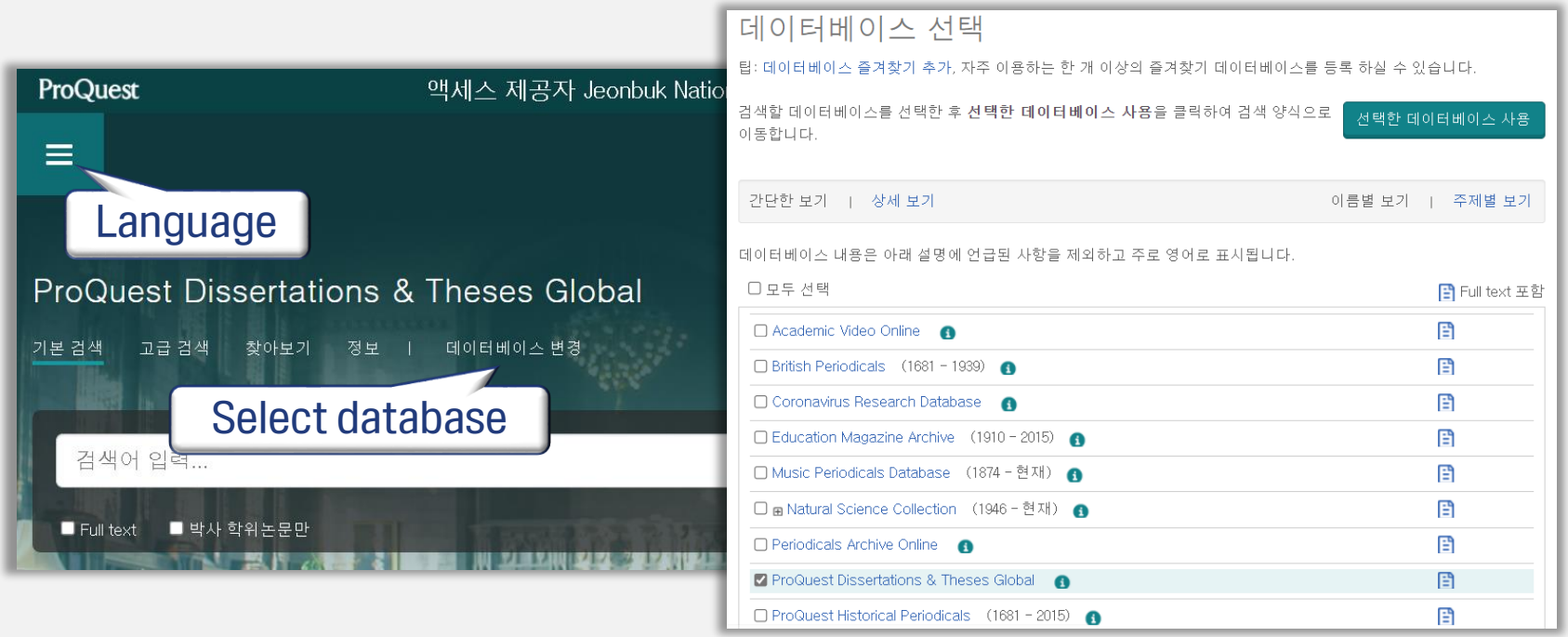


EBSCOhost searchable fields

Field	Fuction
TX	All fields
MH	Title, Abstract, Keyword
TI	Title
AB	Abstract
AU	Author
SO	Journal title
IS	ISSN(International Standard Serial Number)
DT	Year of publication

PQDT Global

- Provided by ProQuest
- Access to master's and doctoral dissertations in North America, China and Europe



PQDT Global searchable fields

f(s)

Field	Function
(default)	All fields
SU	Title, Abstract, Keyword
TI	Title
AB	Abstract
AU	Author
EDITOR	Editor
JN	Journal title
DOI	DOI(Digital Object Identifier)
ISSN	ISSN(International Standard Serial Number)
YR	Year of publication
SCH	Organization name

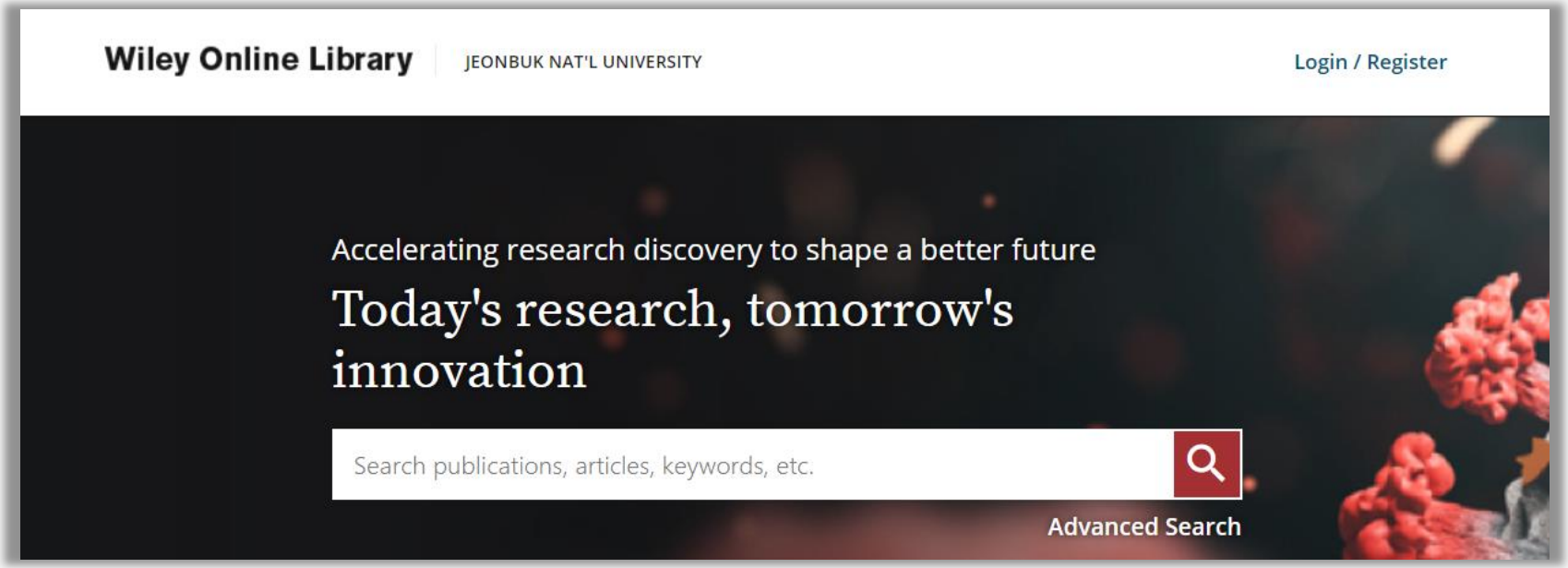
Springer

- Provided by Springer Nature
- Access the publications such as journals on all subjects prior to 2014 and the original text of Open Access
- Searchable field codes are not supported



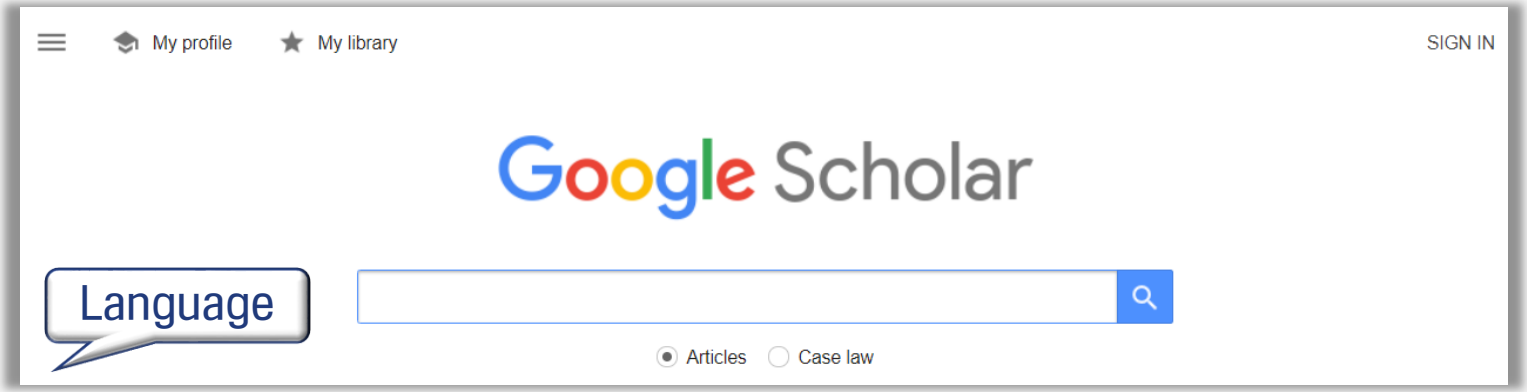
Wiley Online Library

- Provided by Wiley
- Access the full text of publications including journals on all topics can be viewed
- Must be uppercase when using operators
- Searchable fields are not supported



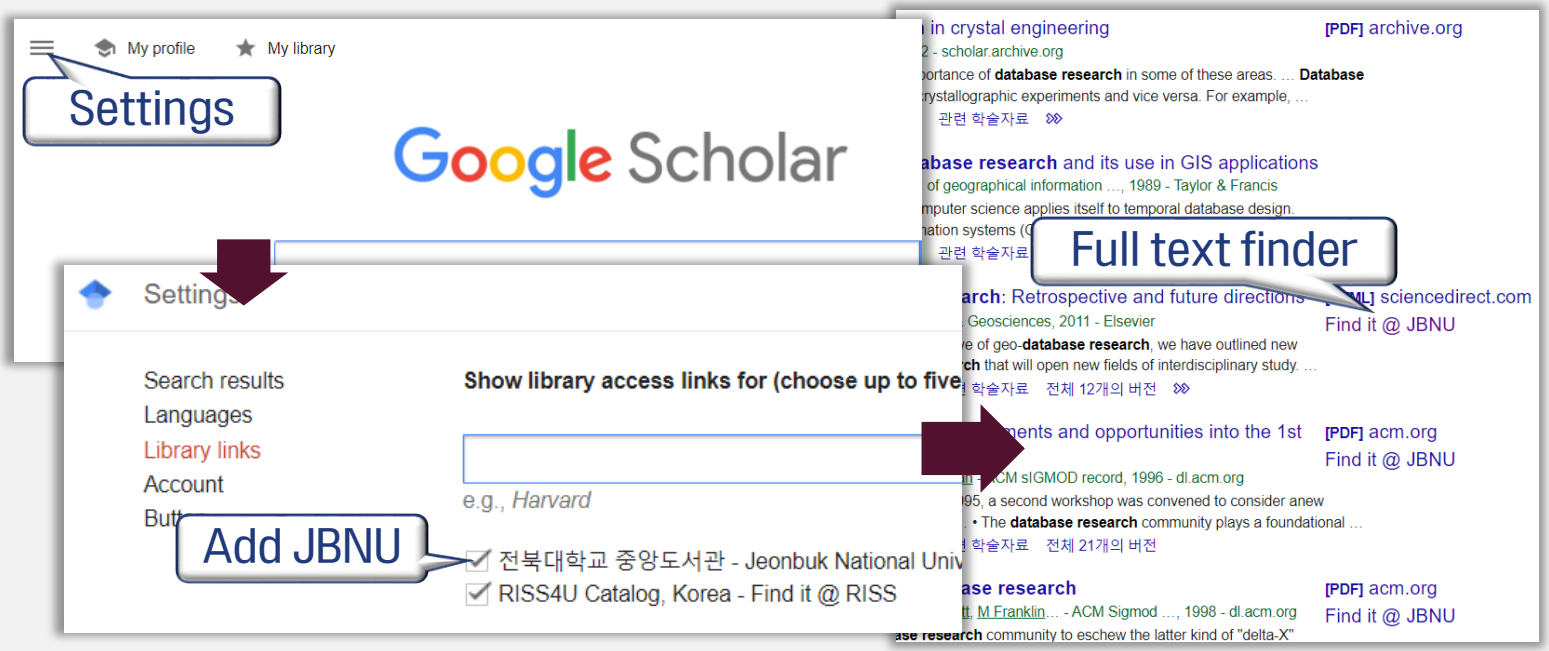
Google Scholar

- Search only academic articles on Google's search engine
- Provides different types such as articles, papers, books, abstracts, and court opinions
- Google's advanced search commands (such as on-site search) are not available
- Enter the NOT operator as -
- Must be uppercase when using operators
- Searchable fields are not supported



Google Scholar Library links

- Add JBNU in ≡ > Settings > Library links
- Links to the original text are provided for resources subscribed to in the library



Operators and fields

- Symbolic operators (parentheses, asterisks, question marks, quotation marks) are mostly applicable

Operator	AND	OR	NOT	Fields
Web of Science	and	or	not	f=(s)
Scopus	and	or	and not	f(s)
ScienceDirect	AND	OR	NOT, -	
EBSCOhost	and	or	not	F S
ProQuest	and	or	not	f(s)
Springer	and	or	not	
Wiley	AND	OR	NOT	
Google Scholar	AND	OR	-	

Thank you

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Education Survey →



https://bit.ly/jbnu22e

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