

Searches - refresh card

A) Preparation

1. choose terms to describe your query best
2. find synonyms, think about another way how to find answer
3. translate all terms to English if necessary
4. transfer terms to formal query - (term1 OR term2) AND term3; add wildcards, proximity operators

B) Searching

use advanced searching → searching form → search in specific field (title x abstract x full text x keywords or thesaurus)

filter results by

- content I can access
- full text included
- peer review
- type of document
- fields and subjects
- years, language...

C) Results collecting

- use Zotero, Mendeley or other reference managers

Where to search?

Databases and library of your parent institution
Databases of public libraries - research libraries
National Library, National Library of Technology
Knihovny.cz
Google Scholar, Microsoft Academic
PNAS, Medline, ERIC, arXiv, bioRxiv, medRxiv

Patent tips

- search in claims → then abstracts and titles
- search by patent classification - system of it on Espacenet website
- Espacenet, Patentscope - the biggest patent databases
- good for: Espacenet - patent translate; Patentscope - analytics; Google Patents - full text finding
- upv.cz - Czech patents and utility models, lists of databases

Reference analysis

- who or what is cited how many times → for science work evaluation
- who is cited by whom → suitable for: scientometrics, scientific collaboration
- Bradford's zones → which journals for which field → suitable for: where to publish, what to buy
search in citation indexes → Web of Science, Scopus
analytics: InCites

When everything fails, contact your librarian! :-) → jiri.fiser@tul.cz

