Reboot your Google Scholar searching: quick tips

Wednesday
12.06.2024
13:00, Zoom

Tania Rivero, MLIS
Research Support Services Team
Medical Library
Reboot

Google Scholar

How does long-term social media use impact teens' mental health?

- Articles
- Case law

Graphic from https://www.flaticon.com/
Google Scholar
What are we covering?

• Examine or (re-examine) some of Google Scholar’s key features
• Explore tools that can enhance your Google Scholar experience
• Illustrate search techniques you can apply to Google Scholar queries
Keep in mind

- This lecture cannot cover all possibilities
- We hope to offer new considerations for your Google Scholar searches
- It may validate your current approach
- From time to time look at search tools with “fresh eyes” and test things out
Google Scholar
Quick facts

- User-friendly search engine
- Released in November 18th 2004
- Search for book chapters, journal publications, presentations, patents, etc.
- ~ 256 character limit
- Wide range of scholarly works across various disciplines
- Users can explore related works, citations, and author’s scholarly profiles
Google Scholar

Quick tips
Google Scholar Settings

- Customize your settings to tailor your experience
Google Scholar
Library links

Show library access links for (choose up to five libraries):

- Universitaet Bern - Uni Bern Fulltext

e.g., Harvard
Systematic reviewing: Introduction, locating studies and data abstraction
J Clark - Methods of clinical epidemiology, 2013 - Springer

... systematic review is essentially a systematic investigation of existing research data identified via a reproducible systematic search ... be followed to execute a standard systematic review. ...

Save  Cite  Cited by 17  Related articles  All 3 versions
Google Scholar

Search options

Articles  Case law
Google Scholar

Advanced Search

- Useful for finding a reference
- Formulate a precise search
If you are new to a topic, you can start with the experts

Conduct a simple search, then select profiles

It will take the search query and identify publications from authors in the field
Discover other publications by clicking related articles
Google Scholar
Citing and exporting

<table>
<thead>
<tr>
<th>Style</th>
<th>Citation</th>
<th>Journal</th>
<th>Pages</th>
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Export options:
- BibTeX
- EndNote
- RefMan
- RefWorks
Tools

• Use tools to help identify search terms and synonyms for your Google Scholar searches
Google Scholar
Order of search terms

• The order of search terms may influence the search results

• Place your most essential search terms in the beginning of the query

• Test out a couple of different orders and scan the first page of results
There is a set of syntax you can test to optimize your Google Scholar searches:

- **filetype**: pdf, ppt, doc, html
- **site**: .org, edu, gov
- **allintitle**:
- **hyphen** (-) for NOT
- **|** symbol for OR
- **space** = AND
allintitle:"cognitive behavioral therapy"|CBT "generalized anxiety disorder"|GAD rct|randomized|randomised
Examples

**Google Scholar**

allintitle:"multiple sclerosis" treatment site:org
Evolving Accumulation of a Complex Profile of Polychlorinated Alkanes in Canadian Polar Bears
B Yuan, RJ Letcher - Environmental Science & Technology Letters, 2024 - ACS Publications
... polar bears (Ursus maritimus) from Hudson Bay. Subcutaneous fat samples collected over the past decade from adult male polar bears ... Notably, SHB bears exhibited a decrease in PCA ...

Aversive conditioning increases short-term wariness but does not change habitat use in black bears associated with conflict
L Homstol, S Raymond, C Edwards, AN Hamilton... - Plos one, 2024 - journals.plos.org
... wariness in black bears but does not alter bear use of human-... We coded bear response to researchers as 1 if the bear left ... and as 0 if the bear did not displace upon researcher arrival...
Google Scholar is not enough to be used alone for systematic reviews

The Role of Google Scholar in Evidence Reviews and Its Applicability to Grey Literature Searching

Optimal database combinations for literature searches in systematic reviews: a prospective exploratory study

Using google scholar to conduct a literature search
Google Scholar
Systematic reviews

• Google scholar can be considered as a information source for systematic review/evidence synthesis projects

• It should not be the only source you search

• Consult with current SR guidelines
Google Scholar
Systematic reviews

- Document your Google Scholar search (e.g., create detailed notes, take screenshots)
- Refer to the PRISMA 2020 and PRISMA-S for reporting guidance
Google Scholar
Publish or Perish software
Google Scholar
Publish or Perish software

- Open source software
- Professor Anne-Wil Harzing, Middlesex University, is the lead behind the tool
- You can search from a variety of sources
- Create projects and save searches
- It has the same character limit as Google Scholar
- Offer seamless bulk export of your Google Scholar results
- Cited by and related documents feature is not available
- Certain syntax/commands are not recognized
Google Scholar
Publish or Perish software

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<thead>
<tr>
<th>Search Type</th>
<th>Notes</th>
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<tr>
<td>Crossref*</td>
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<tr>
<td>Google Scholar*</td>
<td>* Free data source</td>
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<td>Google Scholar Profile*</td>
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<td>OpenAlex*</td>
<td>** Free registration required</td>
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<td>Web of Science***</td>
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Google Scholar Workflow

1. Search terms
2. Google Scholar search
3. Save Results
4. Copy Results
Google Scholar

Summary

- Google scholar can be a good addition to your projects
- Explore or re-explore its’ features
- Identify tools and techniques to optimize results
- Consult with an information specialist if you plan to conduct a scoping or systematic review
Google Scholar

References


Research support services
Web Portal

Email us for quick questions or to set up a one-on-one consultation with a searching specialist: support_med.ub@unibe.ch

Medicine and Pharmacy Portal
unibe.ch/ub/medresearch

Forschungsunterstützung Medizin und Pharmazie

Quick Links:
- Anmeldung Forschungsunterstützung
- Kurse Academic Writing
- Kurse Systematic Literature Searching
- Coffee Lectures
- Twitter @sci_ub_unibe

Kontakt: support_med.ub@unibe.ch
Thanks for your attendance

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Now there is time for...

Questions & Discussion

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