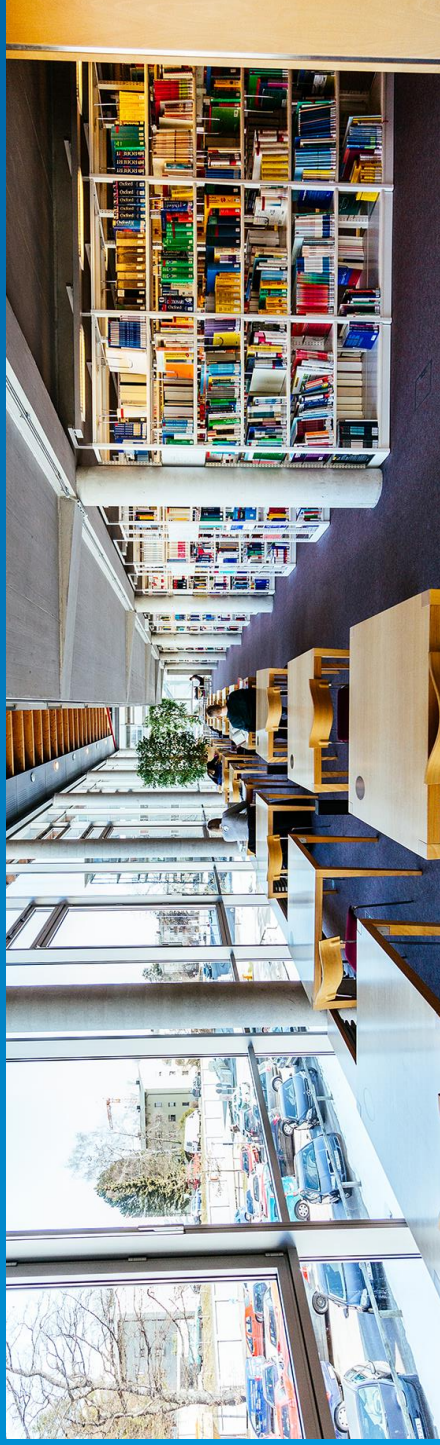


Literature search at Kempten University Library

Karin Bärnreuther



Agenda

- Why do you have to use our library?
- Searching literature systematically
- Our library catalogue
- Our databases
- Using AI to search for scientific literature



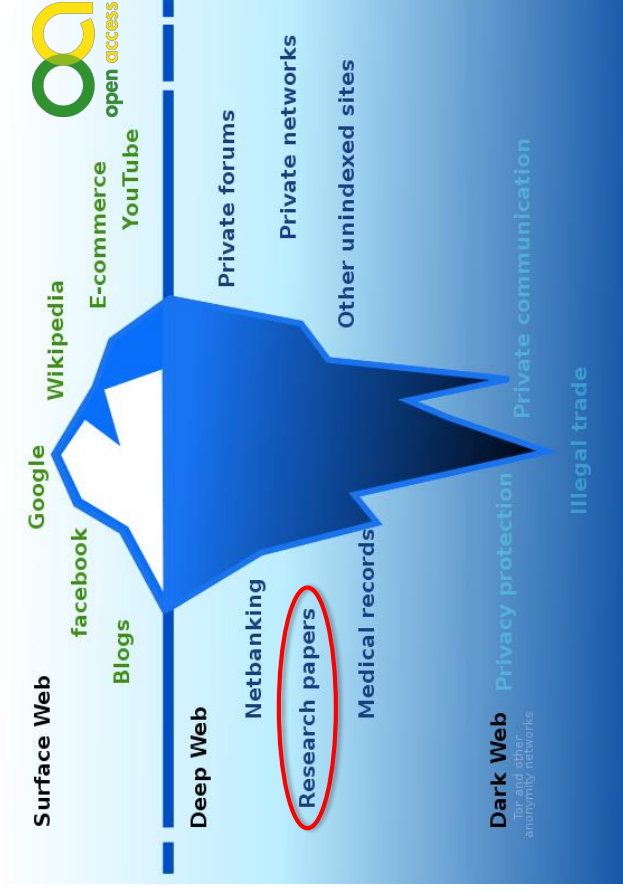


Why do you have to use our library?





Why do you have to use our library?



"File:Iceberg of Webs.svg," *Wikimedia Commons, the free media repository.*
24 Aug 2021, 11:21 UTC. 4 Oct 2021, 05:32 <https://commons.wikimedia.org/w/index.php?title=File:Iceberg_of_Webs.svg&oldid=585179126>.

How to use the library

- Your Campus Card is also your library card
- If you want to check out **printed books**, you need to have it activated at our information desk
- Your library user number is on the back of your Campus Card
- Your password to log in to our **online catalogue** is your birthday: dd/mm/yy
- Loan period is 4 weeks
- You can renew book loans up to five times, as long as the book has not been reserved by anyone else
- You can reserve a book that is currently on loan to someone else
- You don't need a library card for accessing our **electronic resources**
- To access our electronic resources (ebooks, databases, ejournals), you have to log in with your **campus ID** (same ID and password as for My Campus)
- Please use the links on our website – otherwise you can't log in via your campus ID

Searching literature systematically – search terms

Make a list of search terms that describe your topic

Think of

- Synonyms
- alternative spellings
- generic terms
- subordinate terms
- foreign-language translations of your search terms



Searching literature systematically – search protocol

Note down (preferably in a table)

- which terms
- in which combinations
- which library catalogue
- which database
- which scientific search engines
(e.g. Google Scholar, Semantic Scholar, BASE)

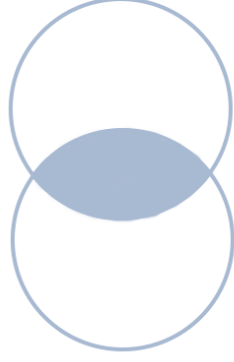
you have used.

Were there enough relevant hits?

If no, change your search query.

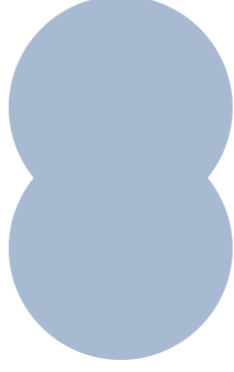


Searching literature systematically – Boolean operators



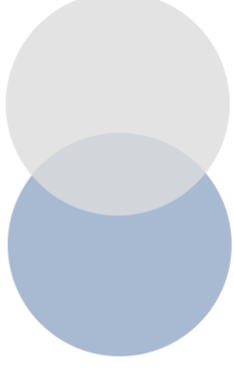
A AND B

example:
library AND opening hours:
Only returns results that contain all search terms



A OR B

example:
*university OR college
OR Hochschule OR Universität:*
Returns results that contain any of the search terms



A NOT B

example:
golf NOT car:
Excludes all results that contain the second search term

Searching literature systematically – search for phrases

If you place search terms that consist of several words in inverted commas, you will only get hits that contain exactly the wording inside the inverted commas.

Examples:

- “closed-loop supply chain”
- “French Revolution”
- “social transformation”
- “care at home”

Searching literature systematically – Use wildcards

You can use the * (asterisk) on your keyboard to replace one or as many characters as you like in a word and thus search for different grammatical forms of a word or word combinations at the same time.

Example: romanti* returns hits for romantic, romantics, romanticism, romanticise, romanticising, romanticisation, etc.

Using AI to search for scientific literature

- Never enter personal data or research data into an AI tool!
- Generative AI like ChatGPT does not find existing documents, but instead generates content itself.
- Results are often still hallucinated, i.e., you are given titles that do not exist.
- AI tools with search functions generally cannot link to full texts, as they are not connected to scientific databases – you must therefore independently research access to the text.
- Tools with search functions: Perplexity, ResearchRabbit, Semantic Scholar, Consensus
- Bad news – AI tools still find significantly less scientific literature than a thorough literature search in established academic databases
- Tip: Have AI tools write search queries for scientific databases, e.g., by using Perplexity.
- Example prompt: “Write me a search query for scientific databases on the topic Tourism as a sociocultural phenomenon. The query should provide German and English results.”



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