



Refilwe Matatiele

What you should know About Google scholar

“Standing on the shoulders of the Giant”

What is Google Scholar ?

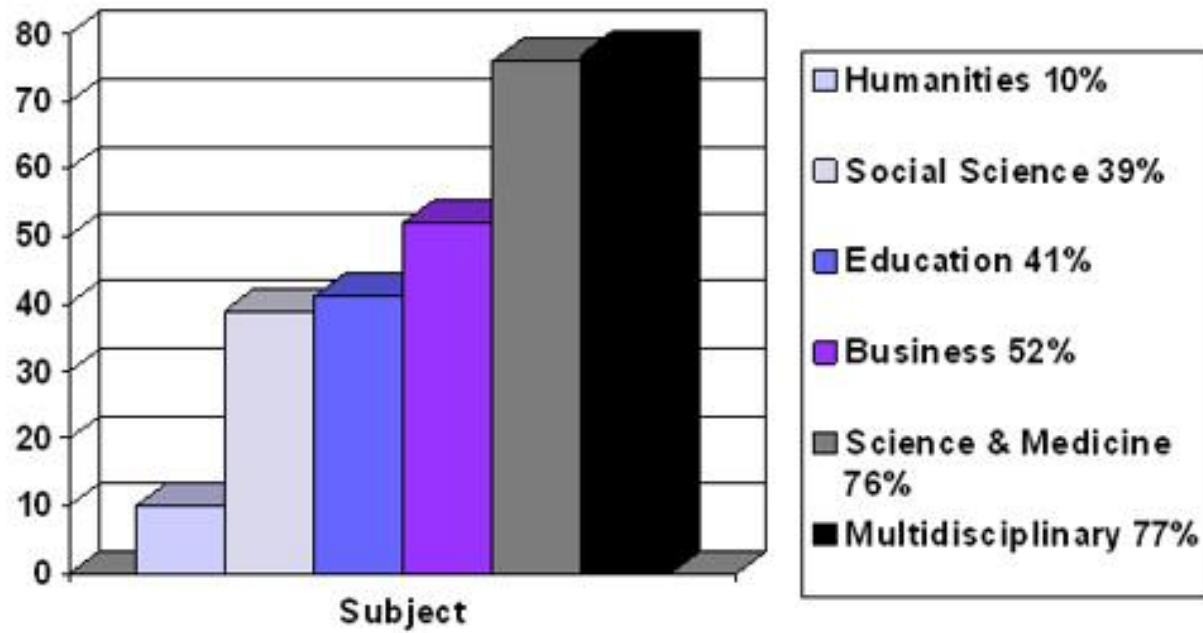
- Search tool that links to scholarly research materials
- Easy to search
- Increases visibility of scholarly literature
- **Peer-reviewed papers**, theses, books, **preprints**, abstracts, technical reports, **author web pages** that link their own research papers, **Universities' Repositories**
- Indexes a **subset** of scholarly literature in all fields.
- Search results include **cited** references

What is Google Scholar?

- Google has an agreement with Almost **29** scholarly Publishers
- subscription based databases such as **Science Direct, JSTOR, IEEE, Cambridge Scientific Abstracts and OCLC's open WorldCat library etc.**
- Provides citation information about the article
- journal articles in different subject areas but mainly **science** and **technology**
(**example on the next slide**)

Subject coverage

Subject coverage

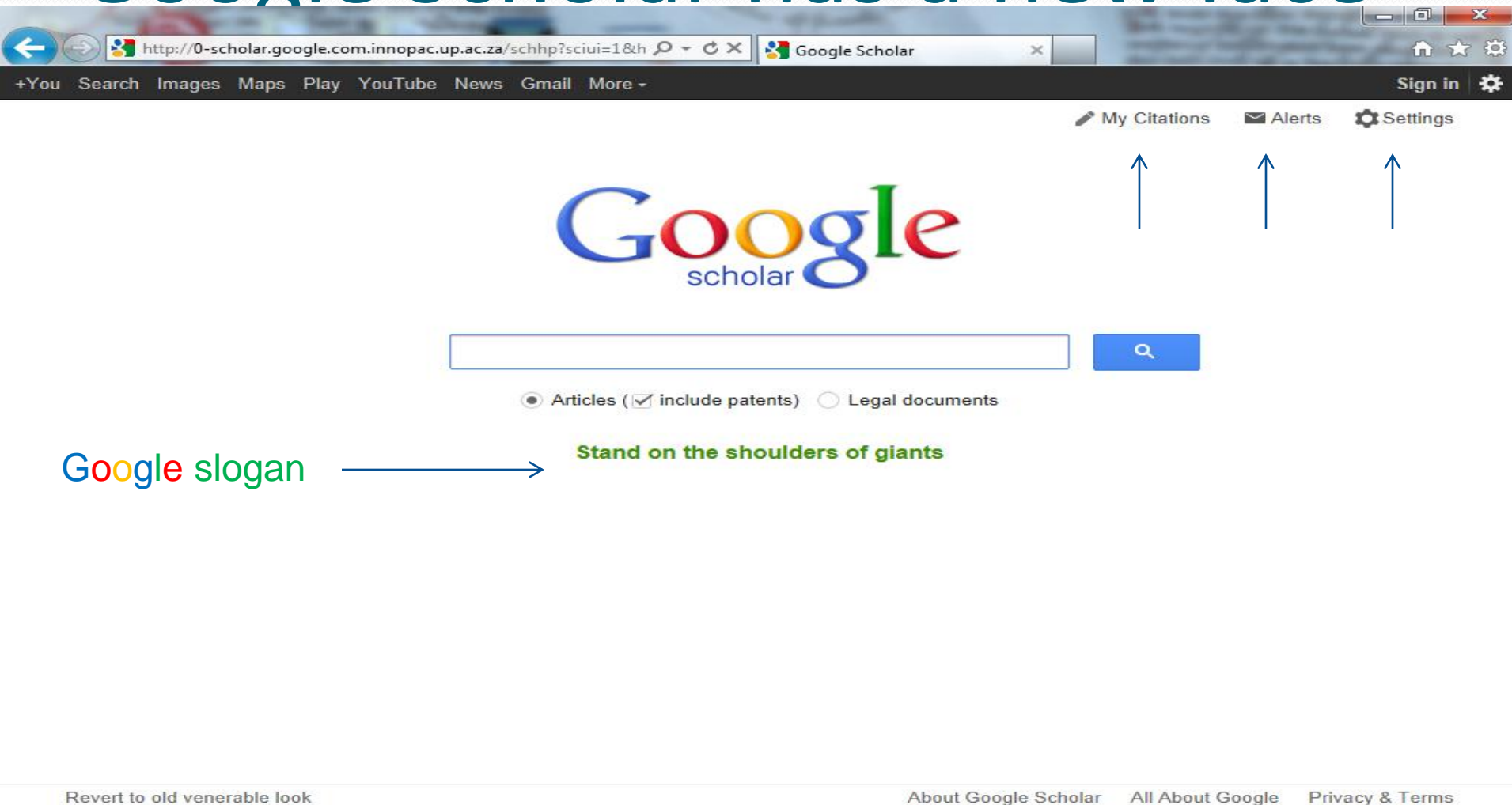


Källa: Neuhaus, Chris et al (2006)

When can I use Google Scholar ?

- When searching for scholarly literature
- When a particular article from a specific journal is needed
- When you **Quickly want to find a relevant article**
- More use by **junior level researchers**
- Quick overview of a particular author's work
- Quick search undergraduate student **projects** and **assignments**

Google Scholar has a new face



Other GS features

- My citations

Hirsch index (**h-index**)

I10-index (**impact social science**)

Publish or Perish

Scholar meter

- My Alerts
- My preferences (you can export from here)

Finding your h-index (Hirsch index) in Google Scholar

- What is the h-index?

“An index that quantifies both the actual scientific productivity and the apparent scientific impact of a scientist”

e.g. a h-index of **20** means the researcher has **20** papers each of which has been cited **20+ times**.

Where to start:

Google Scholar has a variety of sites and programs that can help you calculate your h-index. They are free of charge and quality varies

- Scholar H-index Calculator

<https://addons.mozilla.org/en-US/firefox/addon/45283>

- Scholarometer (**social tool for citation analysis**)

<http://scholarometer.indiana.edu/>

- Publish or Perish

<http://www.harzing.com/pop.htm>

(**application that calculates a wide variety of metrics**)


Example of Scholar metrics results

http://scholar.google.com/citations?hl=en&user=gL3y_m0A... Ina Fourie - Google Scholar ...

+You Search Images Maps Play YouTube News Gmail More

refilwematatiele6@gmail.com

Your profile is private and won't appear in search results. ([Make my profile public](#) - [Preview public version](#))




Ina Fourie [Edit](#)
Associate professor of Information Science [Edit](#)
Information and Knowledge Management - Retrieval - Information Philosophy - Law and Ethics [Edit](#)
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Citation indices

	All	Since 2007
Citations	360	220
h-index	10	8
i10-index	11	6

Citations to my articles



Select: **All**, **None** [Actions](#) Show: **20** 1-20 [Next >](#)

Title / Author	Cited by	Year
<input type="checkbox"/> Librarians and the claiming of new roles: how can we try to make a difference? I Fourie Aslib proceedings 56 (1), 62-74	40	2004
<input type="checkbox"/> Using portfolio assessment in a module in research information skills I Fourie, D Van Niekerk Education for information 17 (4), 333-352	33	1999
<input type="checkbox"/> Should we take disintermediation seriously? I Fourie Electronic Library, The 17 (1), 9-16	27	1999
<input type="checkbox"/> Empowering users—current awareness on the Internet I Fourie Electronic Library, The 17 (6), 379-388	26	1999
<input type="checkbox"/> Follow-up on the use of portfolio assessment for a module in research information skills: an analysis of its value I Fourie, D Van Niekerk	19	2001

Google scholar

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Using Google Scholar for the h-index

Benefits

- Covers a wider range of sources, (especially conferences, technical reports and e-prints).
- Easier to calculate some of the less common metrics
- Free

Disadvantages

- May be considered a less authoritative than Web of Science
- More difficult to search multiple authors with the same family
- name & initials – limited options to refine

For your Information:

- In general you can only compare values within a single discipline.
- if you are comparing people's h-index values you must use the same database, and use the same method.
- The h-index may be less useful in some disciplines, especially in some areas of the humanities.
- Relevance ranking takes into account the **full text** of each article, **the article's author**, the publication in which the article appeared and how often it has been **cited** in scholarly literature

Is Google really a giants?

- Not Really Google **admitted**

“Standing on the shoulders of the Giant”

- But we have to acknowledge that scholarly research involves building on what others have already discovered
- "If I have seen further, it is by standing on the shoulders of giants." **Sir Isaac Newton**
- **Thank you, Ke leboga, Dankie**