

# Package: tinyscholar (via r-universe)

January 1, 2025

**Title** Get and Show Personal 'Google Scholar' Profile

**Version** 0.1.7

**Maintainer** Shixiang Wang <w\_shixiang@163.com>

**Description** Provides functions to get personal 'Google Scholar' profile data from web API and show it in table or figure format.

**License** MIT + file LICENSE

**URL** <https://shixiangwang.github.io/tinyscholar/>,  
<https://github.com/ShixiangWang/tinyscholar>

**BugReports** <https://github.com/ShixiangWang/tinyscholar/issues>

**Imports** curl, dplyr, ggplot2, gt, jsonlite, magrittr, purrr, rlang (>= 0.1.2), rvest (>= 1.0.0), stringr, xml2, R.utils

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.0

**Config/pak/sysreqs** make libicu-dev libxml2-dev libssl-dev libnode-dev

**Repository** <https://shixiangwang.r-universe.dev>

**RemoteUrl** <https://github.com/ShixiangWang/tinyscholar>

**RemoteRef** HEAD

**RemoteSha** 4ec8a7eb51de744a43733e2b255c9052785256a7

## Contents

scholar_plot . . . . .	2
scholar_search . . . . .	3
scholar_table . . . . .	4
tinyscholar . . . . .	5

<b>Index</b>	<b>6</b>
--------------	----------

---

scholar_plot	<i>Show Scholar Profile Plot.</i>
--------------	-----------------------------------

---

### Description

Show Scholar Profile Plot.

### Usage

```
scholar_plot(  
  profile,  
  bar_width = 0.5,  
  add_total = FALSE,  
  add_text = TRUE,  
  title_citations = NULL,  
  title_publications = NULL,  
  caption_citations = paste("Update:", Sys.Date()),  
  caption_publications = caption_citations  
)
```

### Arguments

profile	Result from <a href="#">tinyscholar</a> .
bar_width	bar width.
add_total	If TRUE (not default), add total records in plot.
add_text	If TRUE (default), add text on the top of bar.
title_citations	Title for plot citations. Set by <a href="#">ggplot2::labs</a> .
title_publications	Title for plot publications. Set by <a href="#">ggplot2::labs</a> .
caption_citations	Caption for plot citations. Set by <a href="#">ggplot2::labs</a> .
caption_publications	Caption for plot publications. Set by <a href="#">ggplot2::labs</a> .

### Value

a length-2 list of [ggplot2::ggplot](#) object.

### See Also

[tinyscholar](#), [scholar\\_table](#)

---

scholar_search	<i>Search Google Scholar Highly Related Papers or Author</i>
----------------	--

---

## Description

Search Google Scholar Highly Related Papers or Author

## Usage

```
scholar_search(  
  keyword,  
  is_author = TRUE,  
  server_url = "https://api.scaleserp.com",  
  server_key = NULL  
)
```

## Arguments

keyword	A keyword, can be author name, e.g. "Shixiang Wang".
is_author	Default is TRUE, find author information, if FALSE, return the first page result in search engine.
server_url	Server URL, here I use <a href="#">Scale SERP API</a> .
server_key	Key for searching data (multiple is acceptable), you can obtain it from URL above. If not set, use personal key from Shixiang. Total 125x2 free searches per month.

## Value

A data.frame or a list.

## Examples

```
x <- scholar_search("Shixiang Wang")  
x  
x <- scholar_search("Shixiang Wang", is_author = FALSE)  
if (!is.null(x)) {  
  x$gt  
}
```

---

scholar_table	<i>Show Scholar Profile Table</i>
---------------	-----------------------------------

---

## Description

Show Scholar Profile Table

## Usage

```
scholar_table(  
  profile,  
  as_raw_html = FALSE,  
  title_citations = "Citations",  
  title_publications = "Publications",  
  caption_citations = gt::md(paste("**Update**:", Sys.Date())),  
  caption_publications = caption_citations  
)
```

## Arguments

profile	Result from <a href="#">tinyscholar</a> .
as_raw_html	If TRUE (not default), convert result <a href="#">gt::gt</a> object to raw html text. This is useful when apply the result to GitHub Markdown file.
title_citations	Title for table citations. Set by <a href="#">gt::tab_header</a> .
title_publications	Title for table publications. Set by <a href="#">gt::tab_header</a> .
caption_citations	Caption for table citations. Set by <a href="#">gt::tab_source_note</a> .
caption_publications	Caption for table publications. Set by <a href="#">gt::tab_source_note</a> .

## Value

a length-2 list of [gt::gt/html](#) object.

## See Also

[tinyscholar](#), [scholar\\_plot](#)

---

`tinyscholar`*Get Google Scholar Profile*

---

**Description**

Get Google Scholar Profile

**Usage**

```
tinyscholar(  
  id,  
  sortby_date = FALSE,  
  use_cache = TRUE,  
  cache_dir = file.path(tempdir(), "tinyscholar")  
)
```

**Arguments**

<code>id</code>	Your google scholar identifier. You can find it in the URL of your google scholar profile.
<code>sortby_date</code>	Logical. If TRUE, the publications are sorted by date.
<code>use_cache</code>	If TRUE (default), store data to a cache file to avoid querying in next time within a day. The store file is identical for each person and each date.
<code>cache_dir</code>	A directory path.

**Value**

a Profile object with list structure.

**Examples**

```
# Put one unique Scholar ID from Google Scholar  
r <- tinyscholar("FvNp0NkAAAAJ")  
r  
if (!is.null(r)) {  
  tb <- scholar_table(r)  
  tb$citations  
  tb$publications  
  pl <- scholar_plot(r)  
  pl$citations  
  pl$publications  
}
```

# Index

ggplot2::ggplot, 2  
ggplot2::labs, 2  
gt::gt, 4  
gt::tab\_header, 4  
gt::tab\_source\_note, 4  
  
scholar\_plot, 2, 4  
scholar\_search, 3  
scholar\_table, 2, 4  
  
tinyscholar, 2, 4, 5