

Package ‘tinyscholar’

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Title Get and Show Personal 'Google Scholar' Profile

Version 0.1.7

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

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URL <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, roxygen2

VignetteBuilder knitr

Encoding UTF-8

RoxygenNote 7.2.0

NeedsCompilation no

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Repository CRAN

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scholar_plot	<i>Show Scholar Profile Plot.</i>
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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 tinyscholar .
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 ggplot2::labs .
title_publications	Title for plot publications. Set by ggplot2::labs .
caption_citations	Caption for plot citations. Set by ggplot2::labs .
caption_publications	Caption for plot publications. Set by ggplot2::labs .

Value

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

See Also

[tinyscholar](#), [scholar_table](#)

`scholar_search`*Search Google Scholar Highly Related Papers or Author*

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

<code>keyword</code>	A keyword, can be author name, e.g. "Shixiang Wang".
<code>is_author</code>	Default is TRUE, find author information, if FALSE, return the first page result in search engine.
<code>server_url</code>	Server URL, here I use Scale SERP API .
<code>server_key</code>	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>
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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 tinyscholar .
as_raw_html	If TRUE (not default), convert result gt::gt object to raw html text. This is useful when apply the result to GitHub Markdown file.
title_citations	Title for table citations. Set by gt::tab_header .
title_publications	Title for table publications. Set by gt::tab_header .
caption_citations	Caption for table citations. Set by gt::tab_source_note .
caption_publications	Caption for table publications. Set by gt::tab_source_note .

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  
}
```

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