

# Add-on Package Motivation

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## **The `rscopus` package: Motivation**

Although the `rscopus` package does not implement any new data structures or architectures, it provides an interface to the Scopus APIs, which have a large collection of data for citations and publications. The `scholar` package provides a similar package to Google Scholar, as well as my own `gcite` package. These both are based on scraping web pages, which causes large breakages when the page changes as it's not a true API. Moreover, the Scopus API should provide a more curated view of citations.

The main motivation of the paper is to show users what pieces of information are available through the package, and therefore the API. I believe many likely have access to the API through their institution, who likely have Elsevier accounts, but are unaware. I believe displaying some ways to gather information about an author (namely themselves), it would encourage more people to use the package and the API.