Research Communication Resources

[**Academic Search Engines**](#_brpsbs29l8pm) **2**

[**Patent Search Engines**](#_apqpj1r270e) **2**

[**Writing Processors**](#_g5jvijmtr1m8) **2**

[**Grammar**](#_q71rh9x1t1lt) **2**

[**Python Programming**](#_qny2lfjsyz40) **2**

[**Citations**](#_26vmuogm62b) **2**

[**Project Management/Organization**](#_okq5qkg0wo0c) **3**

[**Audio/Video Editing**](#_ykuz2ihjn1qw) **3**

[**Image Manipulation**](#_7mi85dwg76g8) **3**

[**Plagiarism**](#_vzexvsda8ewu) **3**

## Academic Search Engines

* [Google Scholar](https://scholar.google.com/) / [Publish or Perish](https://harzing.com/resources/publish-or-perish)
* [Microsoft Academic](https://academic.microsoft.com/home)
* [Semantic Scholar](https://www.semanticscholar.org/)
* [Bielefeld Academic Search Engine (BASE)](https://www.base-search.net/)
* [CORE](https://core.ac.uk/)
* [Science.gov](https://www.science.gov/)
* Sci-Hub - free research papers (do not use on UF resources)
* Library Genesis - free textbooks (do not use on UF resources)

## Patent Search Engines

* [Google Patents](https://patents.google.com/)
* [Espacenet](https://worldwide.espacenet.com/) for international patents
* [United States Patent and Trademark Office (USPTO)](https://www.uspto.gov/patent)

## Writing Processors

* [Overleaf](https://www.overleaf.com/) (LaTeX) - professional account free for students
* Microsoft Office (Word, Excel, PowerPoint) - 365 free for students
* Google Drive (Docs, Sheets, Slides) - unlimited space free for students
* [LibreOffice (Writer, Calc, Impress)](https://www.libreoffice.org/)

## Grammar

* “English for Writing Research Papers” by Adrian Wallwork. Highly recommend every researcher read the whole book. Chapter 19, in particular, is wonderful. - available for free online, let me know if you cannot find it I have a PDF copy
* “Writing for Computer Science” by Justin Zobel. Recommended by Dr. Woodard - available for free online, let me know if you cannot find it I have a PDF copy
* [ProWritingAid](https://prowritingaid.com/)
* [AutoCrit](https://www.autocrit.com/)
* [Grammarly](https://www.grammarly.com/)

## Python Programming

* [Anaconda](https://www.anaconda.com/)
* [Pycharm](https://www.jetbrains.com/pycharm/) - Professional free for students
* [Wing](https://wingware.com/) - professional free for students
* [Git](https://git-scm.com/) (collaborative work)

## Citations

* [Zotero](https://www.zotero.org/)
* [Mendeley](https://www.mendeley.com/)

## Project Management/Organization

* [Clickup](https://clickup.com/)
* [Jira](https://jira.atlassian.com/)
* [Asana](https://asana.com/)

## Audio/Video Editing

* [Audacity](https://www.audacityteam.org/)
* [DaVinci Resolve 16](https://www.blackmagicdesign.com/products/davinciresolve)
* [OpenShot](https://www.openshot.org/)
* [OBS Studio](https://obsproject.com/)
* [ShareX](https://getsharex.com/)
* [ScreenToGif](https://www.screentogif.com/)
* [Zoom](https://zoom.us/) -- Use screen recording in private meeting for free captioning on your videos

## Image Manipulation

* [Inkscape](https://inkscape.org/)
* [Gimp](https://www.gimp.org/)
* [ShareX](https://getsharex.com/) image editing tool

## Plagiarism

* Ithenticate (plagiarism checker) - free to students. Google “uf ithenticate”, request an account, it’ll take a few days
* [QuillBot](https://quillbot.com/) (paraphraser)