



# Finding and Organizing Research Articles

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# Introduction

- Finding and organizing research articles can be hit or miss
- However, putting everything off until it's time to write up results is not ideal
- Today I'll demo the tools I use to find and organize research articles, and give general tips and tricks I've found helpful
- This is by no means the best/only way to do things! Everyone has a different workflow, the most important part of staying organized is finding yours!

# First Steps: Google (Scholar) is your friend

<https://scholar.google.com/>

- Access papers easily through Full-Text@UofA Libraries
- Easily export citations in common formats (MLA, APA, Chicago, etc. or Bibtex)
- Use Scholar button plugin to easily look up links,
- Or maybe just make it your homepage...
- Alternatives:
  - PubMed (Bio/Medicine only)
  - Microsoft Academic
  - Sci-Hub

Google Scholar

gait parkinson's disease

☒ Articles ☐ Case law

Stand on the shoulders of giants

# Setting up Google Scholar

- Log in with your university or math department email address
- Settings > Library Links > Search for University of Arizona > select “Full-Text@UofA Libraries”
- Save and you are all set!

## Settings

Search results  
Languages  
**Library links**  
Account  
Button

Show library access links for (choose up to five libraries):



e.g., Harvard

- ☒ Open WorldCat - Library Search
- ☒ University of Arizona - Full-Text@UofA Libraries
- ☐ ASU Library - Get It! @ ASU
- ☐ Northern Arizona University - FullText@NAU
- ☐ NORTHERN ARIZONA UNIVERSITY - ProQuest Fulltext
- ☐ UNIVERSITY OF ARIZONA - ProQuest Fulltext

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

Save

Cancel



## Article Links

2. Author profiles provide updates/background info

[HTML] [Gait impairments in Parkinson's disease](#)  
[A Mirelman](#), [P Bonato](#), [R Camicioli](#), [TD Ellis...](#) - The Lancet ..., 2019 - Elsevier  
Gait impairments are among the most common and disabling symptoms of **Parkinson's disease**. Nonetheless, **gait** is not routinely assessed quantitatively but is described in general terms that are not sensitive to changes ensuing with **disease** progression ...  
☆ ⓘ Cited by 111 Related articles All 8 versions Import into BibTeX

3. Find more recent research in "Cited by"

[HTML] [sciencedirect.com](#)  
[Full-Text@UofA Libraries](#)

1. Access links here



## General Tips

- Unlike regular google, you may need to go several pages deep to find something relevant
- It's not bad to be a hoarder! I download anything and everything.
- When writing your comprehensive exam paper (and dissertation, though I haven't done that yet), it's important to cite everything!
- Pick out a few key papers and authors to act as a "core" for your search. I heavily annotate and write summaries of these, and base my literature searches on them (Using "cited by," "related articles," and their own citations.
- Pathways are important: sometimes a parameter or formula can be traced back to a single study that may not be the most reliable source. If you're skeptical, try to follow things back!



## Downsides/Issues with Google Scholar

- Links are not always guaranteed to be from peer-reviewed sources!
- The algorithm is not perfect-- you should try a variety of search queries, or utilize another academic search engine to make sure you aren't missing things
- Citations aren't everything: early results on google scholar tend to get cited more regardless of quality



# What if the one thing I need isn't available?

<https://new.library.arizona.edu/request/interlibrary-loan>

- Articles that don't appear with Full-Text@UofA Library can be found with InterLibrary Loan
- To request an article, try to gather as much information as possible from the citation, and fill out the form on the UofA library's website
- This is especially helpful for old articles or dissertations from other institutions

## Request an article

Give us as much detail as you can about the article to help us find it. We'll send a copy to your UA email address.

Article title *	<input type="text"/>		
Article authors *	<input type="text"/>		
Journal name *	<input type="text"/>		
Year *	<input type="text"/>	Month	<input type="text"/>
Volume	<input type="text"/>	Issue	<input type="text"/>
Page Numbers	<input type="text"/>		
Notes	<input type="text"/>		
Include any information that may help us find the item			
<b>ID numbers</b>			
Get your item sooner! Give us a unique identifier for automated processing.			
ISSN/ISBN	<input type="text"/>		
PubMed ID	<input type="text"/>		
<small>I agree to follow <a href="#">U.S. copyright law</a> and to only use the requested materials for private study, scholarship, or research, or in accordance with <a href="#">fair use guidelines</a>. I understand that materials used for instruction must be restricted to currently enrolled students (e.g. D2L course site or password-protected website).</small>			
<input type="button" value="Send request"/>			



## “I have a bunch of articles, now what?”

- Once we’ve found a useful reference (or 10), we need a way to get back to it later.
- Several tools exist for organizing research articles:
  - Endnote
  - Zotero
  - Mendeley (The one I use)
- Reminder: This system is what works for me! Don’t be afraid to try out various reference managers to find one that suits your needs





## Why I like Mendeley

- Compatible with Mac, Windows, and Linux (I've used it on all 3!)
- Sync papers and highlights across devices
- Organize papers in categories without having multiple copies (tag system)
- Can export citations as a bibtex file
- It just works the majority of the time



## Why I don't like Mendeley

- Developed by Elsevier/not open source
- Sometimes is finicky when pulling citation info
- Firefox plugin is terrible-- sometimes just have to download file and drag and drop into webapp
- Crashed my Linux machine once and I'm still mad at it for that



# Live Demo

- Uploading new research articles and syncing library
- Organizing with folders
- Exporting with Bibtex
- Organize and rename files



## Tips for Sorting Research

- Your system doesn't have to be perfect! It's okay to make mistakes or change things later.
- Take advantage of subfolders. Even if it seems silly to put everything in one big folder, or have only one paper in a folder, it may be helpful later
- Papers can go in more than one folder, treat them more like tags or keywords



# Questions?

Thank you!