

# Intro to Zotero

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# What is Zotero?

Zotero is software to help organize your research. It can

- ▶ store information for all references,
- ▶ create bibliographies or BibTex/BibLaTeX files,
- ▶ view and comment on PDF files, and
- ▶ keep track of your publications.



zotero

## How to Download Zotero:

- ▶ Go to [zotero.org](https://zotero.org).
- ▶ Create an account.
- ▶ Available on Mac, Windows, Linux, and iOS.
- ▶ Also possible to use purely from a browser.

The benefit of creating an account is that your work will sync across all devices.

# Libraries and Collections

## Libraries

- ▶ All references are saved to a library.
- ▶ Personal libraries are tied to an account or device.
- ▶ Group libraries are tied to a group of accounts.

## Collections:

- ▶ Folders to organize your references.
- ▶ Can exist for either personal or group libraries.
- ▶ Individual references can be added and removed from collections, but they will always stay in their library.

# Adding a reference

What can we add?

- ▶ Book section
- ▶ Journal article
- ▶ Conference paper
- ▶ Thesis
- ▶ etc.

How to add?

- ▶ Manual entry
- ▶ By identifier (magic wand)

# Making bibliographies

## Methods

- ▶ Export bibliography directly with text or file.
- ▶ Export to BibTeX or BibLaTeX file.

# Citing in a document

Referencing a document:

- ▶ Quarto: `[@yan_multivariate_2017]`
- ▶ L<sup>A</sup>T<sub>E</sub>X: `\cite{yan_multivariate_2017}`
- ▶ In Document: Yan, Kuang, and Yao (2017)

Generating a bibliography using a BibTeX or BibLaTeX files:

- ▶ `\bibliographystyle{bibstyle}`
- ▶ `\bibliography{filename}`

# Extra Features

Additional information for a reference:

- ▶ Attachments (such as PDF)
- ▶ Notes (comments on reference)
- ▶ Tags (add a searchable tag)
- ▶ Related (pick other references that are related)

Fun Bits:

- ▶ PDF edits (highlighting, comments, etc.)
- ▶ Merge duplicate references
- ▶ Create reports (create a pdf with all information on chosen references)



Thank you all for coming. Any questions?

Yan, Zhengbing, Te-Hui Kuang, and Yuan Yao. 2017. "Multivariate Fault Isolation of Batch Processes via Variable Selection in Partial Least Squares Discriminant Analysis." *ISA Transactions* 70: 389–99.  
<https://doi.org/10.1016/j.isatra.2017.06.014>.