

AI 4 Scientific
Discovery Network+



Referencing & Using Reference Managers

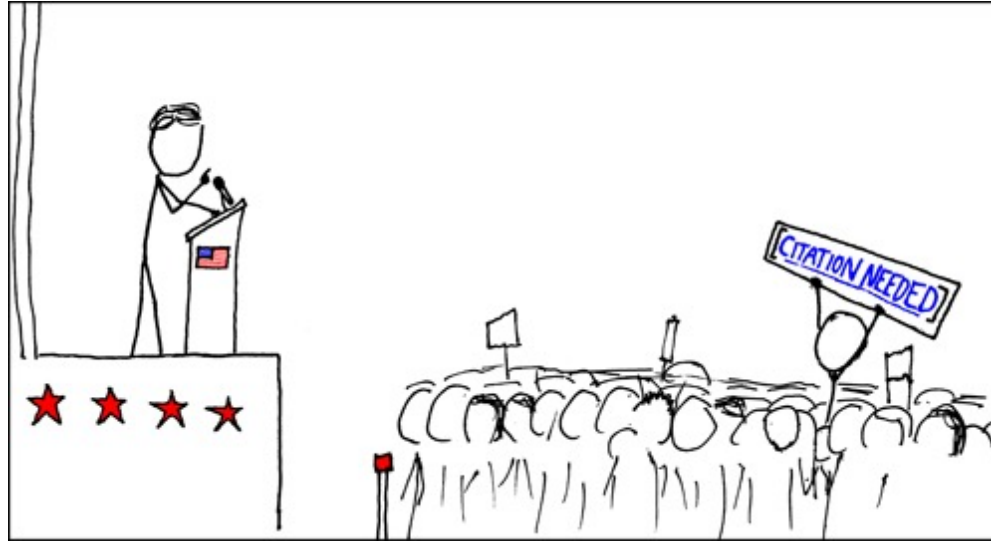
Dr Nicola Knight

Why do we reference?

- Provide attribution to the work of others.
 - Quoting others
 - Describing previous work
 - Show the source of data/images/software
- Give evidence to back up your findings
- To provide your readers with places to find more information
- To avoid plagiarism



Why do we reference?



XKCD, <https://xkcd.com/285/> CC BY-NC 2.5

<https://integrity.mit.edu/handbook/citing-your-sources/what-common-knowledge>

Where do we get references?

- Literature Searches
- Scholar alerts!
- References of related papers
- Subject databases

Google Scholar

Clarivate
Web of Science™

 CORE

Scopus®

CAS 
SciFinderⁿ



Types of References

- White Literature
- Grey Literature
- Websites
- Data
- Software
- Images
- Many other types...

<https://libguides.exeter.ac.uk/c.php?g=670055&p=4756572>



What to include in references

- Enough information to allow someone else to locate the resource
- Name of authors
- Title of the publication
- Where it is published
- Date
- DOI where possible (<http://www.doi.org/>)



How do we reference?

- In text citations with reference lists
Previous work in the area by Knight et al. (1) shows that...
A variety of different statistics can be determined for linear regressions, such as ... (2)

(1) Knight, N. J.; Hernando, E.; Haynes, C. J. E.; Busschaert, N.; Clarke, H. J.; Takimoto, K.; García-Valverde, M.; Frey, J. G.; Quesada, R.; Gale, P. A. QSAR Analysis of Substituent Effects on Tambjamine Anion Transporters. *Chem. Sci.* **2016**, 7, 1600–1608.
<https://doi.org/10.1039/C5SC03932K>.

(2) Roy, K.; Kar, S.; Das, R. N. Statistical Methods in QSAR/QSPR. In *A Primer on QSAR/QSPR Modeling*; Springer, 2015. <https://doi.org/10.1007/978-3-319-17281-1>.

- Bibliographies or list of sources



Referencing Styles

- There are many of them...
- In sciences popular styles include:
ACS, AIP, IEEE, RSC & Vancouver
- Different journals and domains will have different requirements



Reference Managers

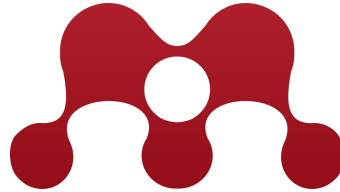


- What is a reference manager?
- And why do we want them?

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Reference Managers



EndNote™

- Capturing from web
- Store pdf files
- Auto capture metadata
- Allow searching, grouping
- and tagging
- Easily change reference style
- Group reference libraries

<https://www.zotero.org/>, <https://www.mendeley.com/>, <https://endnote.com/>



Demo

- Getting a reference from the internet
- Tagging and Annotating
- Inserting into Word using plugins
- Changing reference style



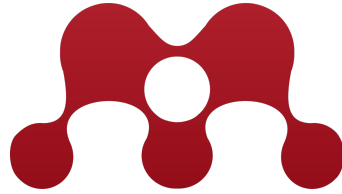
Zotero



- Desktop software – Zotero
- Web plugin – Zotero Connector
- Synced web library
- ZoteroBib - <https://zbib.org/>



Mendeley



- Mendeley Desktop
- Mendeley Reference Manager
- Mendeley Cite
- Web importer



EndNote

EndNote™

- Desktop software – EndNote 20
- EndNote web
- EndNote Click



Capturing from the Web

- Zotero Capture
- Endnote metadata capture
- Mendeley web importer
- Google Scholar Button
- Journal Websites



Collaborative referencing

- Zotero groups¹
- Mendeley private groups²
- EndNote from X9 – group sharing³
- Editing a BibTeX file in a shared folder

¹ <https://www.zotero.org/groups>

² <https://www.mendeley.com/guides/private-groups>

³ <https://support.clarivate.com/Endnote/s/article/EndNote-Sharing-Groups-using-EndNote-X9-desktop-version>



Top Tips

- Save references as you search
- Don't blindly trust auto capture – Always verify!
- Never reference something you haven't read!
- Check which style you need for your subject area
- Backup your reference library

EVERY REFERENCING SECTION

- [1] AUTHOR, T, ET AL (2015).
THE PAPER YOU USED IN ALL YOUR WORK.
JOURNAL OF THINGS, 1(1), PP 12-24
- [2] AUTHOR, A N, ET AL (2019).
THE PAPER THAT CAME OUT THE DAY
BEFORE YOU FINISHED THIS DRAFT
BEATING YOU.
JOURNAL OF OTHER THINGS, 1(2), PP 112-113
- [3] SUPERVISOR, A, ET AL (2016).
THE PAPER YOUR SUPERVISOR WROTE
AND MADE YOU CITE.
JOURNAL SELF PUBLICATION, 1(3), PP 44-57

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Where to go for more information

- University libraries
 - Many universities provide openly accessible guides
 - <https://library.soton.ac.uk/sash/referencing>
- Referencing style guides
- <https://www.citethemrightonline.com/Home>
 - This is a subscription based website, but you may have access through your institution
- The reference manager user guides



Sources / further reading

- <https://www.zotero.org/support/>
- https://www.zotero.org/support/word_processor_plugin_usage
- <https://www.mendeley.com/guides>
- <https://clarivate.com/webofsciencegroup/support/endnote/>
- https://en.wikipedia.org/wiki/Comparison_of_reference_management_software



Further reading cont.

- <https://library.soton.ac.uk/sash/referencing>
- <https://pubs.acs.org/doi/full/10.1021/acsguide.40303>
- <https://journals.ieeeauthorcenter.ieee.org/your-role-in-article-production/ieee-editorial-style-manual/>
- <https://edu.rsc.org/download?ac=14556>



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