

Zotero Tutorial: L^AT_EX Examples

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1 Cite papers

With [Better BibTeX](#) and [Zutilo](#), we can obtain the correct `.bib` entries, `\cite{...}` command, and the formatted citation from simple shortcuts.

For example, I could cite these entries about the tears of wine [[Duk+20](#); [Phy19](#)]. The first is a journal article and the second is a video. If one wants to share this paper with collaborator via email say, then it would be convenient to be able to obtain a formatted citation quickly. And this is possible as well:

Dukler, Y., Ji, H., Falcon, C., Bertozzi, A.L., 2020. Theory for undercompressive shocks in tears of wine. *Physical Review Fluids* 5, 34002. <https://doi.org/10.1103/PhysRevFluids.5.034002>

Our “pipeline” preserves special characters. For example, the ö in the title of this paper is printed in the References section correctly [[Van21](#)]; as well as the accents in the author names of this paper [[Cas+21](#)].

Let’s cite some things others than journal articles. This is conference paper [[Dia14](#)], this is a book chapter [[Gul+22](#)], and this is a patent [[TJG18](#)]. Here we cite the thesis and a presentation by the same author [[Sha15](#); [Sha21](#)]. The citation for the presentation could be better. This is likely because presentation is categorized as `@misc` in the `.bib` file.

Automation is great, but we should still be careful about the details. For example, this data is not cited well [[SS20](#)]. The recommended citation for this data product is:

European Centre for Medium-Range Weather Forecasts (2019): ERA5 Reanalysis (0.25 Degree Latitude-Longitude Grid). Research Data Archive at the National Center for Atmospheric Research, Computational and Information Systems Laboratory. Dataset. <https://doi.org/10.5065/BH6N-5N20>. Accessed† dd mmm yyyy.

References

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- [Duk+20] Yonatan Dukler et al. “Theory for Undercompressive Shocks in Tears of Wine”. In: *Physical Review Fluids* 5.3 (Mar. 2020), p. 34002. ISSN: 2469990X. DOI: [10.1103/PhysRevFluids.5.034002](https://doi.org/10.1103/PhysRevFluids.5.034002).
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