

Zotero Tutorial: L^AT_EX Examples

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With [Better BibTeX](#) and [Zutito](#), 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 (Dukler et al. [2020](#); Physics Girl [2019](#)). The first is a journal article and the second is a Youtube 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. 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 (Vanneste [2021](#)); as well as the accents in the author names of this paper (Caspar-Cohen et al. [2021](#)).

Let’s cite some things others than journal articles. Diamantakis [2014](#) is a conference paper, Bühler [2014a](#) is a book chapter from the book Bühler [2014b](#), and TERAN, JIANG, and GAST [2018](#) is a patent. Here we cite the thesis and a presentation by the same author (Shakespeare [2015](#), [2021](#)). 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 (e.g.: Stepaniak and Shih [2020](#)). 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.

1 Live Demonstration

Chien and Cramer [2022](#); Maxian and Donev [2022](#)

Chien, S.Y., Cramer, M.S., 2022. Compressible high-pressure lubrication flows in thrust bearings. *Journal of Fluid Mechanics* 939. <https://doi.org/10.1017/jfm.2022.240>

Maxian, O., Donev, A., 2022. Slender body theories for rotating filaments. [arXiv:2203.12059](https://arxiv.org/abs/2203.12059) [math-ph, physics:physics].

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