



UNIVERSITY OF PAVIA

MASTER'S DEGREE THESIS

Dr. Bianchi's Thesis Template Explained

– directly on his template –

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A thesis submitted in fulfillment of the requirements for the

Master's Degree in Chemistry

in the

Department of Chemistry
Organic Chemistry Section

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Abstract

Give thanks to the mother Gaia, give thanks to the father sun; give thanks to the plants in the garden where the mother and father are one.

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1 Introduction

- 1.1 Background
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- 1.5 Overview and structure of thesis

2 Literature Review

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3.3.1 Reanalysis data for atmospheric variables

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- 4.1 Central America
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5 Discussion

- 5.1 Interpretation of results
- 5.2 Comparison with literature
- 5.3 Significance
- 5.4 Limitations and possible improvements
- 5.5 Future directions for research

6 Conclusions

A **Supplementary information and graphs**

A.1 Comparison of leaf area index datasets

B Data, files and codebooks

B.1 Availability and reproducible results

B.2 Description of analysis functions

Probably, The Introduction

A cool citation is always an extra-point.

– Someone Important

Chapter Contents

B.1	Availability and reproducible results	15
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A Little Overview

This template has been directly made by modifying the common \LaTeX 's `book` document-class. You can find the related code, with comments, in the `preamble.sty` file. The default font-family is `Liunx Libertine/Biolinum` in which the second one – Sans variant – is set as default, while math environments like this

$$x(t) = A \sin(\omega t + \phi)$$

use the Serif variant: nobody forbids you from using different fonts (like the ones already included in the preamble or completely different).

The Color Accent

The document possesses a color accent called '`reddy`' which is used for chapter titles, footnotes numbers,¹ bullets in lists, and others. You can recall it to color-up your stuff with `\color{reddy}` and modifying its RGB color definition in the preamble file also.

The `preamble.sty` File

The preamble file contains adjustments in margins, tables, headers and footers, and a lot of other stuff: the best piece of advice I can give you is... [go check-it-out!](#) Don't worry: it is all commented. The print format is on twosided pages, but it can be set as oneside – but remember to correct headers and footers code lines!

¹Like this one.

Setting the Bibliography

For references management, I [hardly](#) recommend the usage of [Bib \$\LaTeX\$](#) instead of the more common [Bib \$\TeX\$](#) . In fact, [Bib \$\LaTeX\$](#) has got a lot less bugs and it is more easy and intuitive to compile. Furthermore, it only needs the classical `.bib` file in your working directory and it is also able to cite something directly as a footnote like this.² Notice that the citation is also reported in the bibliography section and that the default citation style set is *American Chemical Society*, but you can obviously change it, according to your needs, at the very beginning of this [Thesis.tex](#) document code.

Automatically Compile Bib \LaTeX through biber

Many \LaTeX editors do not have a specific shortcut for [biber](#), the main Bib \LaTeX compiler. You can manually add a shortcut with the command

```
biber %
```

or, if you use \TeX Maker like me, you can go to [Options](#) → [Configure Texmaker](#) → [Commands](#) and put it in the Bib(la)tex box instead of `bibtex %.aux` ([Figure B.1](#)).

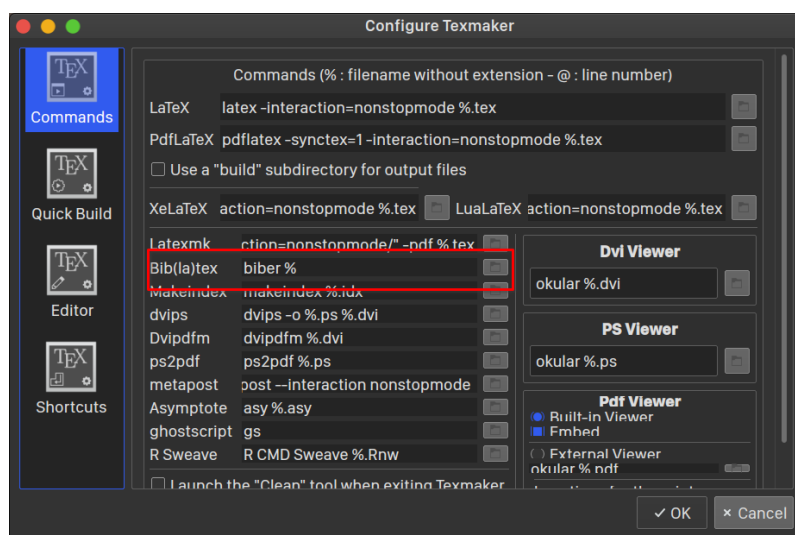


Figure B.1: \TeX Maker's dialogue window to change Bib(la)tex command for compiling a Bib \LaTeX bibliography.

²Wang2021.

Credits

This template was made by Dr. Alessio Bianchi (University of Pavia, Department of Chemistry, Organic Chemistry Section). For support, please contact me → [via mail](#) ← and go check-out my homepage at bianchiunipv.wordpress.com to find other interesting stuff.

I hope this will be useful and comfortable in usage! And... break a leg for you degree ;)

Empty Chapter

A cool citation is always an extra-point.

– Someone Important

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Hint

Just copy-paste this block for new chapters.

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Acknowledgements

Give thanks to the mother Gaia, give thanks to the father sun; give thanks to the plants in the garden where the mother and father are one.