

```
\usepackage[backend=biber]{biblatex}
```

Op geïnstalleerde versies meer configuratie nodig. Zie extra documentatie.

Referentielijst items II

bib/bib-bibentry

Een item ziet er zo uit:

```
@book{babington,  
  author = {Peter Babington},  
  title = {Some work},  
  publisher = {Publisher},  
  year = 1993,  
  volume = 4,  
  series = 10,  
  address = {The address},  
  edition = 3,  
  month = 7,  
  note = {An optional note},  
  isbn = {3257227892}  
}
```

`\cite{babington}`: [1]
`\fullcite{babington}`:
babington

Citatiecommando II

bib/bib-cite

Variaties in gebruik:

► `\cite{mysource}`

[1]

Citatiecommando II

bib/bib-cite

Variaties in gebruik:

▶ `\cite{mysource}`

[1]

▶ `\cite[21]{mysource}`

[1, p. 21]

Variaties in gebruik:

- ▶ `\cite{mysource}` [1]
- ▶ `\cite[21]{mysource}` [1, p. 21]
- ▶ `\cite[21--30,8]{mysource}` [1, pp. 21–30, 8]

Variaties in gebruik:

- ▶ `\cite{mysource}` [1]
- ▶ `\cite[21]{mysource}` [1, p. 21]
- ▶ `\cite[21--30,8]{mysource}` [1, pp. 21–30, 8]
- ▶ `\cite[See][21--30,8]{mysource}` [See 1, pp. 21–30, 8]

Variaties in gebruik:

- ▶ `\cite{mysource}` [1]
- ▶ `\cite[21]{mysource}` [1, p. 21]
- ▶ `\cite[21--30,8]{mysource}` [1, pp. 21–30, 8]
- ▶ `\cite[See][21--30,8]{mysource}` [See 1, pp. 21–30, 8]
- ▶ `\cite[See chapter 3 of][]{mysource}` [See chapter 3 of 1]

Variaties in gebruik:

- ▶ `\cite{mysource}` [1]
- ▶ `\cite[21]{mysource}` [1, p. 21]
- ▶ `\cite[21--30,8]{mysource}` [1, pp. 21–30, 8]
- ▶ `\cite[See][21--30,8]{mysource}` [See 1, pp. 21–30, 8]
- ▶ `\cite[See chapter 3 of][]{mysource}` [See chapter 3 of 1]
- ▶ `\cite[See chapter 3 of]{mysource}` [1, See chapter 3 of]

Variaties in gebruik:

- ▶ `\cite{mysource}` [1]
- ▶ `\cite[21]{mysource}` [1, p. 21]
- ▶ `\cite[21--30,8]{mysource}` [1, pp. 21–30, 8]
- ▶ `\cite[See][21--30,8]{mysource}` [See 1, pp. 21–30, 8]
- ▶ `\cite[See chapter 3 of][]{mysource}` [See chapter 3 of 1]
- ▶ `\cite[See chapter 3 of]{mysource}` [1, See chapter 3 of]
- ▶ `\cites{mysource}{othsource}` [1, 7]

- ▶ Referentielijst is, net zoals `\tableofcontents`, niet standaard opgenomen in je inhoudstabel. Dit fix je met

```
\addcontentsline{toc}{section}{References}
```

- ▶ Enkel citaties die je hebt gebruikt verschijnen in je `\printbibliography`.
- ▶ Voor bijvoorbeeld experimenten alles uit je `.bib`-bestand in je referentielijst? Gebruik `\nocite{*}`, of specifiek item in plaats van ster.

Meerdere auteurs

bib/bib-mult-authors

In je .bib-bestand, scheid auteurs met **and**:

```
author = {A. Smith and B. Doe and E. Dropper}
```

Zo kan biblatex controleren hoeveel auteurs het toont.

1. Voor "... door Peter Adams et al. [1]" kan je doen met ... door `\textcite{adams}`. Meer dan `maxnames` [default: 3] (biblatex package option) namen, dan `minnames` [default: 1] namen.
2. Voor je bibliografie: meer dan `maxbibnames` [default: `maxnames`], dan `minbibnames` [default: `minnames`] namen.

En hoe verschijnt de eigenlijke referentie dan in \LaTeX ?

References

- [1] Peter Adams, Hugh Adamsson, and Gary Elliot Macklemore. “The title of the work”. In: *The name of the journal* 4.2 (July 1993). An optional note, pp. 201–213.
- [2] Peter Babington. *The title of the work*. 3rd ed. Vol. 4. 10. An optional note. The address: The name of the publisher, July 1993. ISBN: 3257227892.
- [3] A. Einstein. “Über die von der molekularkinetischen Theorie der Wärme geforderte Bewegung von in ruhenden Flüssigkeiten suspendierten Teilchen”. In: *Annalen der Physik* 322.8 (1905), pp. 549–560.

Net zoals `\tableofcontents` moet je dit expliciet in je bestand plaatsen, maar nu met `\printbibliography`.

as shown in Figure~\ref{fig:myPlot}
as shown in \figref{fig:myPlot}
as shown in \autoref{fig:myPlot}
for this, we use \eqref{eq:itsequal}
for this, we use \autoref{eq:itsequal}
is well-established ??.

as shown in Figure 1
as shown in Figure 1
as shown in Figure 1
for this, we use (1)
for this, we use Equation 1
is well-established [1].

as shown in Figure~\ref{fig:myPlot}
as shown in \figref{fig:myPlot}
as shown in \autoref{fig:myPlot}
for this, we use \eqref{eq:itsequal}
for this, we use \autoref{eq:itsequal}
is well-established \cite{mysource}.

as shown in Figure 1
as shown in Figure 1
as shown in Figure 1
for this, we use (1)
for this, we use Equation 1
is well-established [1].

- ▶ `\usepackage[sorting=none,...]{biblatex}`:
In volgorde van verschijning in je document
- ▶ `\usepackage[sorting=nty,...]{biblatex}` (default):
Naam, dan titel, dan jaar
- ▶ `\usepackage[sorting=nyvt,...]{biblatex}`:
Naam, dan jaar, dan volume, dan titel
- ▶ `\usepackage[sorting=ydnt,...]{biblatex}`:
Jaar (descending), dan naam, dan titel
- ▶ Er zijn er nog meer (zie biblatex manual, pagina 47)

```
@article{Einstein1905,  
  author = {A. Einstein},  
  title = {\ "Uber die von der  
           molekularkinetischen Theorie der W\ "arme  
           geforderte Bewegung von in ruhenden  
           Fl\ "ussigkeiten suspendierten Teilchen},  
  journal = {Annalen der Physik},  
  year = 1905,  
  volume = 322,  
  number = 8,  
  pages = {549-560}  
}
```



```
@article{Einstein1905,  
  author = "A. Einstein",  
  title = "{\\"U}ber die von der  
    molekularkinetischen Theorie der W{\"a}rme  
    geforderte Bewegung von in ruhenden  
    Fl{\"u}ssigkeiten suspendierten Teilchen",  
  journal = "Annalen der Physik",  
  year = "1905",  
  volume = "322",  
  number = "8",  
  pages = "549-560"  
}
```

Je hebt dus twee bestanden, die er minimaal zo uitzien.

```
% File: bibfile.bib
@article {...
    ...
}

@book {...
    ...
}
...
```

```
% File: document.tex
\documentclass[a4paper]{article}
\usepackage{biblatex}
\addbibresource{bibfile.bib}

\begin{document}
    ...
    \printbibliography
\end{document}
```

Bij bibliografieën is er een wildernis aan verschillende stijlen:

- ▶ numeric: aa [2], bb [5, 6]

References

- [1] Robert L. Augustine. *Heterogeneous catalysis for the synthetic chemist*. New York: Marcel Dekker, 1995.
- [2] Aaron Bertram and Richard Wentworth. “Gromov invariants for holomorphic maps on Riemann surfaces.” In: *J. Amer. Math. Soc.* 9.2 (1996), pp. 529–571.
- [3] Frank Albert Cotton et al. *Advanced inorganic chemistry*. 6th ed. Chichester: Wiley, 1999.

- ▶ alphabetic: aa [GMS94], bb [Gon01, Ham97]
- ▶ authoryear: aa John 2003, bb ...
- ▶ apa: aa (Lambert, 1993), bb ...

In APA: \cite en \parencite verschillen

En er zijn nog veel meer stijlen! Voor exacte wetenschappen, gebruiken we gewoon numeric. Zo verander je de stijl:

```
\usepackage[style=numeric]{biblatex}
```

Voor APA-stijl heb je daarnaast nodig:

```
\DeclareLanguageMapping{english}{english-apa}
```