

LaTeX Citation Methods

Guide

1 Method 1: Manual Bibliography ()

According to Smith ?, the method is effective. Multiple citations can be grouped ??. A specific page reference (?, p. 25).

References (Manual)

References

J. Smith, “An Important Paper,” *Journal of Research*, vol. 15, no. 3, pp. 123–145, 2020.

A. Jones and B. Lee, *Book Title*, Publisher Name, 2019.

M. Brown, “Web Article,” <https://example.com>, Accessed: Jan. 2021.

2 Method 2: BibTeX ()

According to the study ?, we can see that... Recent work ?? shows...

```
@article{doe2020,  
  author = {John Doe},  
  title = {Research Title},  
  journal = {Journal Name},  
  year = {2020},  
  volume = {10},  
  number = {2},  
  pages = {100--120}  
}  
  
@book{smith2021,  
  author = {Jane Smith},  
  title = {Book Title},  
  publisher = {Publisher},  
  year = {2021},  
  address = {City}  
}  
  
@inproceedings{wang2019,  
  author = {L. Wang and M. Chen},  
  title = {Conference Paper},  
  booktitle = {Proc. Int. Conf.},  
  year = {2019},  
  pages = {50--55}  
}  
  
@misc{web2021,  
  author = {A. Author},  
  title = {Web Page Title},  
  howpublished = {\url{https://example.com}},  
  year = {2021},  
  note = {Accessed: Jan. 2021}  
}
```

3 Method 3: natbib (-)

3.1 Citation Styles with natbib

- `\citet{key}` → Author (Year)
Example: `\citet{smith2020}` produces: Smith (2020)
- `\citep{key}` → (Author, Year)
Example: `\citep{smith2020}` produces: (Smith, 2020)
- `\citet*{key}` →
Example: `\citet*{smith2020}` produces: Smith, Jones, and Lee (2020)
- `\citep[p.~25]{key}` →
Example: `\citep[p.~25]{smith2020}` produces: (Smith, 2020, p. 25)
- `\citep[see][]{key}` →
Example: `\citep[see][]{smith2020}` produces: (see Smith, 2020)

4 Method 4: biblatex ()

4.1 biblatex Citation Commands

<code>\cite{key}</code>	<code>%</code>
<code>\parencite{key}</code>	<code>%</code>
<code>\textcite{key}</code>	<code>%</code>
<code>\footcite{key}</code>	<code>%</code>
<code>\autocite{key}</code>	<code>%</code>
<code>\citeauthor{key}</code>	<code>%</code>
<code>\citeyear{key}</code>	<code>%</code>
<code>\citetitle{key}</code>	<code>%</code>

5 BibTeX

```
@article{...}      %
@book{...}         %
@inbook{...}       %
@incollection{...} %
@inproceedings{...} %
@conference{...}   % inproceedings
@proceedings{...}  %
@phdthesis{...}    %
@mastersthesis{...} %
@techreport{...}   %
@manual{...}       %
@misc{...}         % Web
@unpublished{...}  %
```

6 bibliographystyle

6.1

- plain -
- alpha - +[Smi20]
- unsrt -
- abbrev - plain

6.2 natbib

- plainnat - -
- abbrevnat -
- apalike - APA

6.3

- ieetr - IEEE Transactions
- acm - ACM
- apalike - APA ()
- chicago - Chicago Manual

7

7.1 Example 1:

Deep learning has shown remarkable results~\cite{lecun2015}.

7.2 Example 2:

Several studies~\cite{smith2020,jones2019,brown2021} have shown...

7.3 Example 3:

As stated in~\cite[p.~42]{smith2020}, the algorithm is efficient.

7.4 Example 4: (natbib)

\citet{smith2020} proposed a novel method.

According to \citet{smith2020}, the approach is effective.

This was demonstrated by previous work~\citep{jones2019,brown2021}.

7.5 Example 5: (biblatex)

The theory was first proposed in 1950.\footcite{original1950}

BibTeX

pdflatex document.tex

bibtex document

pdflatex document.tex

pdflatex document.tex

biblatex (biber)

pdflatex document.tex

biber document

pdflatex document.tex

pdflatex document.tex