

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)

- `\citet{key}` → (Author, Year)

Example: `\citet{smith2020}` produces: (Smith, 2020)

- `\citet*[key]` →

Example: `\citet*[smith2020]` produces: Smith, Jones, and Lee (2020)

- `\citet[p.^25]{key}` →

Example: `\citet[p.^25]{smith2020}` produces: (Smith, 2020, p. 25)

- `\citet[see]{key}` →

Example: `\citet[see]{smith2020}` produces: (see Smith, 2020)

4 Method 4: biblatex ()

4.1 biblatex Citation Commands

```
\cite{key}          %
\parencite{key}    %
\textcite{key}     %
\footcite{key}     %
\autocite{key}     %
\citeauthor{key}   %
\citeyear{key}     %
\citetitle{key}   %
```

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@unpublished{...}       %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 -
- abrv - plain

6.2 natbib

- plainnat --
- abrvnat -
- apalike - APA

6.3

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

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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^{~\citet{jones2019,brown2021}}.

7.5 Example 5: (biblatex)

The theory was first proposed in 1950.\footnote{\citet{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
```