

IEEE Style (4th Edition)

IEEE is a number style developed by *The Institute for Electrical and Electronics Engineers*. It is commonly used by writers in technical fields like engineering, computer science, and information technology. IEEE requires writers to acknowledge the sources they use in two ways:

- 1- Within the text—known as **in-text citations** and appear in square brackets
- 2- At the end of the paper—known as the **reference list** and provides full information about the references used in the body of the paper.

IN-TEXT CITATION IN IEEE: BASIC RULES

IEEE In-text citations appear as numbers in square brackets within the text. The numbers assigned to the sources within the text remain the same throughout the paper and must match with the numbers given to the sources in the references list. Here are some examples from *The IEEE Editorial Style Manual*:

as shown by Brown [4], [5]; as mentioned earlier [2], [4]–[7], [9]; Smith [4] and Brown and Jones [5]; Wood et al. [7]

Note: Use *et al.* when **six** or more names are given -or- you can refer to the sources as nouns:

as demonstrated in [3]; according to [4] and [6]–[9].

ADDITIONAL RULES:

Use numbers for in-text citations in the order they appear in the text and give each source a corresponding number in the reference list. See the following example:

As shown in [8] . . . Within the text

In the reference list

[8] J. U. Buncombe, "Infrared navigation—Part I: Theory," *IEEE Trans. Aerosp. Electron. Syst.*, vol. AES-4, no. 3, pp. 352–377, Sep. 1944.

The preferred method to cite several sources at the same time is to list each number in a separate square bracket and use a comma or dash between the square brackets. See the following example:

As mentioned in [1], [3], [5] **OR** [1] - [5].....

Note: For more rules and examples of in-text citations, see page 34 in the IEEE Editorial Manual at this link: http://www.ieee.org/documents/style_manual.pdf

Here are a few more examples of in-text citations from the [Murdoch University's IEEE Style LibGuide](#).

"...end of the line for my research [13]."

"This theory was first put forward in 1987 [1]."

"Scholtz [2] has argued that..."

"Several recent studies [3], [4], [15], [16] have suggested that...."

GENERAL IEEE GUIDELINES

- IEEE style is **information-prominent**; it places more emphasis on the information presented than on the authors of the sources. See the examples provided under "In-text Citation in IEEE."
- An IEEE paper includes an **Abstract**, An **Introduction**, a **Body** divided into headings and subheadings, **Main Results**, **Conclusions**, **Appendix**, **Acknowledgements**, and **References**
- IEEE papers have a two-column format
- The reference list is titled **References** centered or aligned left at the top of the page.

Note: For an **IEEE Paper Template and Instructions**, follow this link:

http://www.ieee.org/documents/transactions_journals.pdf

- You can access the *IEEE Editorial Style Manual* by following this link: http://www.ieee.org/documents/style_manual.pdf
- You can access a quick IEEE citation manual at this link: <http://www.ieee.org/documents/ieeecitationref.pdf>
- You could refer to the IEEE guidelines for publications and Standards at this link: http://www.ieee.org/publications_standards/publication/authors/authors_journals.html

Rules for citing **figures**, **tables**, and **equations** with the text are on pages 16 & 17 of the *IEEE Editorial Style Manual*.

A REFERENCE LIST IN IEEE

The reference list appears at the end of your paper (not necessarily on a separate page) and lists the sources with numbers in the order they appear in the body of the paper. The numbers should be placed in square brackets and aligned to the left of the page.

Note: one of the major differences between IEEE style and other styles is that IEEE lists the author's first name (or initial) followed by the surname.

PERIODICALS

An Article in a Periodical or Journal

- [x] J. K. Author, "Name of paper," *Abbrev. Title of Periodical*, vol. x, no. x, pp. xxx-xxx, Month, year.
- [1] M. Ito *et al.*, "Application of amorphous oxide TFT to electrophoretic display," *J. Non-Cryst. Solids*, vol. 354, no. 19, pp. 2777-2782, Feb. 2008.

For more examples, refer to pages 34&35 in the in the *IEEE Editorial Style Manual*. Here is a link:
http://www.ieee.org/documents/style_manual.pdf

ELECTRONIC SOURCES

Online Books and Monographs

- [x] J. K. Author, "Title of chapter in the book," in *Title of Published Book*, xth ed. City of Publisher, State, Country: Abbrev. of Publisher, year, ch.x, sec. x, pp.xxx-xxx. [Online]. Available: <http://www.web.com>
- [2] G. O. Young, "Synthetic structure of industrial plastics," in *Plastics*, vol. 3, Polymers of Hexadromicon, J. Peters, Ed., 2nd ed. New York, NY, USA: McGraw-Hill, 1964, pp. 15-64. [Online]. Available: <http://www.bookref.com>

Online Journals and Periodicals

- [x] J. K. Author, "Name of paper," *Abbrev. Title of Periodical*, vol. x, no. x, pp. xxx-xxx, Month, year. [Online]. Available: <site/path/file>. Accessed on: Month, Day, Year.
- [3] J. S. Turner, "New directions in communications," *IEEE J. Sel. Areas Commun.*, vol. 13, no. 1, pp. 11-23, Jan. 1995.

For more examples and rules to cite other online sources, refer to pages 39 & 40 in the *IEEE Editorial Style Manual*. Here is a link:
http://www.ieee.org/documents/style_manual.pdf

BOOKS

A Book

- [x] J. K. Author, *Title of Published Book*, City of Publisher, Country if not USA: Abbrev. Of Publisher, year.
- [1] B. Klaus and P. Horn, *Robot Vision*. Cambridge, MA: MIT Press, 1986.

Note: use *et. al.* with **six** or more sources

A Book Chapter

- [x] J. K. Author, "Title of chapter in the book," in *Title of His Published Book*, xth ed. City of Publisher, (only U.S. State), Country: Abbrev. of Publisher, year, ch. x, sec. x, pp. xxx-xxx.
- [2] L. Stein, "Random patterns," in *Computers and You*, J. S. Brake, Ed. New York: Wiley, 1994, pp. 55-70.

For more examples of book references, refer to page 36 in the *IEEE Editorial Style Manual*. Here is a link:
http://www.ieee.org/documents/style_manual.pdf

TECHNICAL REPORTS

- [x] J. K. Author, "Title of report," Abbrev. Name of Co., City of Co., Abbrev. State, Country, Rep. xxx, year.
- [3] E. E. Reber, R. L. Michell, and C. J. Carter, "Oxygen absorption in the earth's atmosphere," Aerospace Corp., Los Angeles, CA, USA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.

For more examples and rules to cite published conferences proceedings, conference papers, theses and dissertations, and patents, refer to pages 36, 37 and 38 in the *IEEE Editorial Style Manual*. Here is a link:
http://www.ieee.org/documents/style_manual.pdf

For examples of **IEEE Reference Lists**, follow the link to the **IEEE Paper Template and Instructions** provided above or follow this link:
<http://libguides.murdoch.edu.au/c.php?g=246207&p=1639795>