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## IEEE style sheet

We recommend that you use this style sheet in conjunction with your School's style guide and the guidance available via [Cite them Right Online](#). For general help with referencing, see the [Academic Skills Kit](#).

You'll find further information on using the IEEE style via the [IEEE Editorial Style Manual](#).

## IEEE style rules

### Citations

IEEE is a numeric style; citations are given as a number in square brackets, e.g. [1]. Each source has its own number based on the order of appearance in the text and this number is used whenever this source is cited. Page, paragraph or section numbers should be included where you directly quote or paraphrase a source.

For example:

Several recent studies [7],[13],[22] show a direct connection with...

or

...Evans [3, p. 234] explains this clearly in his recent research...

In the 2025 edition of the IEEE guide, using an en dash for reference ranges is no longer recommended. All references should be written out, e.g. [1], [2], [3], [4].

### Reference list

Each in-text number is matched to a full, numbered reference in a reference list at the end of your work. The reference list will be in numerical order, with numbers in square brackets aligned left. Source information is indented.

The IEEE referencing style uses an established list of abbreviated journal titles to make references more concise. Use [IEEE's guide to abbreviations](#) when referencing journal articles.

For example:

- [1] J. Grix and G. Watkins, *Information Skills: Finding and Using the Right Resources*. Basingstoke: Palgrave Macmillan, 2010.
- [2] R. Salecl, *A Passion for Ignorance: What We Choose Not to Know and Why*. Princeton, NJ: Princeton University Press, 2020. [Online]. Available: [https://libsearch.ncl.ac.uk/permalink/f/1jraif3/NCL\\_ALMA51177598120002411](https://libsearch.ncl.ac.uk/permalink/f/1jraif3/NCL_ALMA51177598120002411).
- [3] A. Magee, "How to keep your eyes healthy and protect your vision." *Bupa*. Accessed: Apr. 8, 2025. [Online]. Available: <https://www.bupa.co.uk/newsroom/ourviews/healthy-eyes>

## Reference examples

A selection of examples to get you started, check out [Cite them Right Online](#) for more:

### Print book

- [1] Initial. Surname and Initial. Surname, *Title*, ed. Place of publication: publisher, Year of publication.

For example:

- [1] J. Grix and G. Watkins, *Information Skills: Finding and Using the Right Resources*. Basingstoke: Palgrave Macmillan, 2010.

### E-book

- [2] Initial. Surname, *Title*, ed. Place of publication: publisher, year. DOI or [Online]. Available: URL

For example:

- [2] R. Salecl, *A Passion for Ignorance: What We Choose Not to Know and Why*. Princeton, NJ: Princeton University Press, 2020. [Online]. Available: [https://libsearch.ncl.ac.uk/permalink/f/1jraif3/NCL\\_ALMA51177598120002411](https://libsearch.ncl.ac.uk/permalink/f/1jraif3/NCL_ALMA51177598120002411)

### An edited book chapter

- [3] Initial. Surname, "Title of chapter in book," in *Title of book*, Editor's initial(s). Surname, Ed., Place of publication: publisher, year, Page numbers.

For example:

- [3] C. Isenhour, "Sustainable consumption and its discontents," in *Sustainability: Key Issues*, H. Kopnina and E. Shoreman-Ouimet, Eds., Abingdon, Oxon: Routledge, 2015, pp. 133-154.

### E-Journal article

- [4] Initial. Surname, "Title of article," *Title of journal*, volume, issue number, pages, Abbreviated month day, year of publication. doi:. or [Online] Available: URL

For example:

- [4] A. Dal Monte, S. De Betta, M. Raciti Castelli, and E. Benini, "Proposal for a coupled aerodynamic-structural wind turbine blade optimization," *Composite Structures*, vol. 159, pp. 144-156, Jan. 1, 2017. doi:10.1080/08900520701583586.

### Online newspaper article

- [5] Initial. Surname, "Title of article," *Title of newspaper*, Abbreviated month day, year of publication. Accessed: Abbreviated month day, year. [Online]. Available: URL

For example:

- [5] M. Cuff, "Moth numbers in the UK fall by one third, sparking fears for their long-term survival," *iNews*, Mar. 3, 2021. Accessed: Apr. 21, 2021. [Online]. Available: <https://inews.co.uk/news/environment/moth-numbers-uk-fall-by-one-third-sparking-fears-for-long-term-survival-wildlife-895041>

## Online report

- [6] Initial. Surname, "Title of report," Name of organisation, Location of organisation. Series and report number, Date. Accessed: Abbreviated month day, year. [Online]. Available: URL

For example:

- [6] Ofcom, "Understanding Online False Information in the UK," Ofcom, London. Economist discussion paper series, issue number 2, Jan. 2021. Accessed: Apr. 16, 2021. [Online]. Available: [https://www.ofcom.org.uk/\\_\\_data/assets/pdf\\_file/0027/211986/understanding-online-false-information-uk.pdf](https://www.ofcom.org.uk/__data/assets/pdf_file/0027/211986/understanding-online-false-information-uk.pdf)

## A webpage with individual author

- [7] Initial. Surname. "Title of web page." *Title of website*. Accessed: date. [Online]. Available: URL

For example:

- [7] A. Magee, "How to keep your eyes healthy and protect your vision." *Bupa*. Accessed: Apr. 8, 2025. [Online]. Available: <https://www.bupa.co.uk/newsroom/ourviews/healthy-eyes>

## A webpage with no author

- [8] "Title of web page." *Title of website*. Accessed: date. [Online]. Available: URL

For example:

- [8] "From the 'Mona Lisa' to 'The Wedding Feast at Cana': The Salle des États," *The Louvre*. Accessed: Apr. 9, 2021. [Online]. Available: <https://www.louvre.fr/en/explore/the-palace/from-the-mona-lisa-to-the-wedding-feast-at-cana>

## Workshop, lecture notes and lab guides

- [9] Author Initial(s). Surname, "*Title of material*," [Type of medium]. Institution or Module Name, Location (if relevant), Year. [Online]. Available: URL

For example:

- [9] E. Dott, "CEG8099 Workshop: Finding information to support your research," [PowerPoint slides]. Newcastle Univ., 2024. [Online]. Available: [https://ncl.instructure.com/courses/54647/pages/workshop-materials-week-1?module\\_item\\_id=3466140](https://ncl.instructure.com/courses/54647/pages/workshop-materials-week-1?module_item_id=3466140)

## PhD thesis

[10] Initial. Surname, "Title of thesis," Degree level, University department, University, City, Country, Year. [Online]. Available: URL

For example:

[10] F.J.G. Robinson, "Trends in education in Northern England during the eighteenth century: a biographical study," Ph.D. thesis, Dept. Hist. Stud., Newcastle Univ., Newcastle, UK, 1972. [Online]. Available: <http://hdl.handle.net/10443/511>

## Standard

[11] *Title of standard*, Standard number, Date.

For example:

[11] *Performance evaluation protocol for digital fitting systems. Virtual garment*, BS ISO 20947-2, 2020.

## Image

[12] Author name, *Title of image*. Accessed: Abbreviated month day, year. [Online]. Available: URL

For example:

[12] Alexander Hüls, *Mies van der Rohe Pavilion*. Accessed: Jan. 9, 2023. [Online]. Available: <https://www.flickr.com/photos/lexlog/38325193134>

## Citing ChatGPT and other generative AI

[Cite Them Right](#) have released guidance for how you should cite generative AI in the IEEE style. If the AI's end product (for example use of ChatGPT in conversation) is only available to you, cite this as follows:

[13] Name of AI, "Description of activity," Date.

For example:

[13] ChatGPT, "Request for definition of academic integrity," Apr. 6, 2023.

## FAQs

### How do I cite and reference a source quoted in another author's work?

This is called secondary referencing. First, we recommend that you try to locate and read the original (primary) source – this will ensure you are not taking the information out of context and allow you to reference the source as normal.

If you cannot find the original source (it may be out of print, unavailable or in a language you cannot read), then you **provide a reference to the secondary source in your final reference list** and refer to the **original source in your in-text citation**, using 'cited in'.

For example:

According to Smith, cited in Jones [11, p. 5], rust is prevalent in...

Only reference the source you read (i.e. Jones) in your reference list.

## How many authors do I include in the citation and reference list?

It is not required in IEEE to include author names in your main text but where author names are included, you can use et al. (meaning 'and others') where there are **three or more authors**.

For example:

Márquez *et al.* [8] state that....

In your final reference list, you can use et al if your reference has **six or more authors**. For example:

- [8] F. P. G. Márquez *et al.*, "Condition monitoring of wind turbines: Techniques and methods," *Renewable Energy*, vol. 46, pp. 169-178, Oct, 2012. doi:10.1016/j.renene.2012.03.003