AIP Style 4th Edition - Citation Guide

In-text Citations

- References must be cited in numerical order (e.g., first citation is [1], second is [2], etc.).
- Use superscript Arabic numerals for citations.
- Place citation numbers after punctuation marks (e.g., periods, commas).
- Avoid placing citation numbers where they could be confused with other numbers (e.g., dates, figures).
- Use "et al." (no comma before "et") for multiple authors in the body of the text.
- In the reference list, give all authors' names unless there are more than six—then you may use "et al." after the first few.

References List

- List references in numerical order, matching the in-text citation numbers.
- Use the same superscript numeral as used in the text for each reference entry.
- **Be consistent with name formatting:**
    - Both "T.I. Wein" and "T. I. Wein" are correct—just be consistent.
- Use full or accepted abbreviated journal/conference titles, but be consistent throughout the list.
- **For conference proceedings, include:**
    - Conference name, location, and year
    - Editors and publisher (if available)
    - Page numbers
- **For technical reports, include:**
    - Name of the laboratory or institution
    - Report number and year
    - Title, if available (especially if there's no report number)

Book with Single Author

Reference Page Format

Author's Initial. Last Name, *Book Title* (Publisher, Place of Publication, Year), pp. page range.

Examples

S. Hemmingsen, *Soft Science* (University of Saskatchewan Press, Saskatchewan, 1997), pp. 123-321.

M. O. Johnson, *The Sound of Knowing* (Harvard University Press, Cambridge, 2004), pp. 45–110.

Book with Multiple Authors

Reference Page Format

First Author's Initial. Last Name and Second Author's Initial. Last Name, *Book Title* (Publisher, Place of Publication, Year), pp. page range.

Examples

S. Hemmingsen and Q. Cai, *Soft Science* (University of Saskatchewan Press, Saskatchewan, 1997), pp. 123-321.

L. M. Torres and D. R. Bennett, *Mapping the Mind* (Oxford University Press, Oxford, 2012), pp. 50–198.

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AIP Style 4th Edition - Citation Guide (Books)

Book with edition number

Reference Page Format

Author(s), *Book Title*, Edition (Publisher, Location, Year), pp. Page Range.

Examples

S. Hemmingsen and Q. Cai, Soft Science, 2nd ed. (University of Saskatchewan Press, Saskatchewan, 1997), pp. 123-321.

J. Smith and R. Doe, *Modern Physics*, 3rd ed. (Cambridge University Press, Cambridge, 2015), pp. 45–89.

Book with volume and edition numbers

Reference Page Format

Author(s), *Book Title*, Edition (Publisher, Location, Year), Vol. Volume Number, pp. Page Range.

Examples

S. Hemmingsen and Q. Cai, *Soft Science*, 2nd ed. (University of Saskatchewan Press, Saskatchewan, 1997), Vol. II, pp. 123-321.

A. Johnson, *Theoretical Chemistry*, 4th ed. (Oxford University Press, Oxford, 2012), Vol. I, pp. 10–210.

Material in edited book

Reference Page Format

Author(s), in *Book Title*, edited by Editor(s) (Publisher, Location, Year).

Examples

S. Hemmingsen and Q. Cai, in *Soft Science*, edited by L. Winterbottom and S. Schechter (University of Saskatchewan Press, Saskatchewan, 1997).

M. Lang and K. Ruiz, in *Advances in Climate Research*, edited by P. Stone (Springer, New York, 2019).

Material in edited book, with volume number

Reference Page Format

Author(s), in *Book Title*, edited by Editor(s) (Publisher, Location, Year), Vol. Volume Number, pp. Page Range.

Examples

S. Hemmingsen and Q. Cai, in *Soft Science*, edited by L. Winterbottom (University of Saskatchewan Press, Saskatchewan, 1997), Vol. II, pp. 123-321.

E. Turner, in *Global Environmental Studies*, edited by N. Wells and T. Clarke (Routledge, London, 2020), Vol. III, pp. 55–150.

Journal Article

Reference Page Format

Author(s), *Journal Name* Volume, Page Range (Year).

Examples

S. Limsombatanan and N. Bobeya, *IEEE Transactions on Computers* 46, 695–701 (1997).

H. Patel and S. Zhu, *Journal of AI Research* 62, 150–165 (2021).

AIP Style 4th Edition - Citation Guide (Articles)

Journal Article with Issue Number
Reference Page Format

Author(s), *Journal Name* Volume (Issue), Page Range (Year).

Examples

S. Limsombatanan and N. Bobeya, *IEEE Transactions on Computers* 46 (5), 695–701 (1997).

D. Costa and A. Wills, *Machine Learning Letters* 14 (3), 89–104 (2023).

Journal Article with Author et al.
Reference Page Format

First Author et al., *Journal Name* Volume, Page Range (Year).

Examples

S. Limsombatanan et al., *IEEE Transactions on Computers* 46, 695–701 (1997).

R. Mendes et al., *Neural Computing* 39, 210–230 (2024).

Journal Article Including the Article Title
Reference Page Format

Author(s), "Title of the Article," *Journal Name* Volume, Page Range (Year).

Examples

S. Limsombatanan and N. Bobeya, "TDM and TWDM de Bruijn networks and shufflenets for optical communications," *IEEE Transactions on Computers* 46, 695–701 (1997).

L. Ren and M. Adler, "Quantum embedding for combinatorial optimization," *Nature Quantum Tech* 5, 45–60 (2022).

Article with Simultaneous Publication in Translation
Reference Page Format

Author(s), *Original Journal* Volume, Page (Year) [*Translated Journal* Volume, Page (Year)].

Examples

L. G. Aslamosov and A. I. Larkin, *Fiz Twerd.* Tela (Leningrad) 10, 1104 (1968) [*Sov. Phys. Solid State* 10, 875 (1968)].

M. Kwon and T. Oh, *Hanguk Jeonja Hakhoe* 58, 210 (2021) [*Korean J. Electron.* 58, 210 (2021)].

Article to Be Published
Reference Page Format

Author(s), *Journal Name* (to be published).

Examples

F. W. Tseng, J. H. Kim, and K. Iwata, *Phys. Rev. B* (to be published).

S. Liang and E. Grant, *IEEE Transactions on Neural Networks* (to be published).

AIP Style 4th Edition - Citation Guide (Journals)

Article or Paper, Unpublished
Reference Page Format

Author(s) (unpublished).

Examples

F. W. Tseng, J. H. Kim, and K. Iwata (unpublished).

T. Moran and L. Voss (unpublished).

Article in Proceedings
Reference Page Format

Author(s), *Proc. Name* Volume, Page Range (Year).

Examples

K. Nguyen and N. Luc, *Proc. R. Soc. Paris Ser*. B 36, 145–170 (1997).

J. Lee and A. Campos, *Proc. Int. Conf. Robotics and Automation* 112, 34–48 (2023).

Article from proceedings of a symposium or conference
Reference Page Format

Author(s), in *Conference Name*, Location, Year, pp. Page Range.

Examples

C. Yaakov and R. Huque, in *Second International Telecommunications Energy Symposium* '97, Copenhagen, Denmark, 1997, pp. 17-27.

A. Becker and N. Ishikawa, in *IEEE International Symposium on Robotics and Automation* 2023, Tokyo, Japan, 2023, pp. 88–96.

Article from edited proceedings with publisher information
Reference Page Format

Author(s), Conference Proceedings Title, edited by Editor(s) (Publisher, Location, Year), pp. Page Range.

Examples

C. Yaakov and R. Huque, Second International Telecommunications Energy Symposium Proceedings, edited by E. Yow (IEEE, New York, 1996), pp. 17-27.

M. Salazar and B. Cheng, Proceedings of the Future of Quantum Computing, edited by T. L. Moore (Springer, Berlin, 2022), pp. 205–219.

Article from edited conference proceedings, published under a separate title
Reference Page Format

Author(s), in *Separate Published Title, Proceedings of the Conference Name*, Location, Year, edited by Editor(s), *Series Info* (Publisher, Location, Year).

Examples

C. Yaakov and R. Huque, in *Telecommunications Energy International, Proceedings of the 2nd International Telecommunications Energy Conference*, Copenhagen, 1997, edited by J. Choi, J-Y. Yang, and J. Sinogeikina, AIP Conf. Proc. No. 42 (AIP, New York, 1997).

F. Tanaka and G. Allen, in *Trends in Deep Learning, Proceedings of the 2022 Global AI Conference*, Munich, 2022, edited by L. Ortega and P. Bhatt, Springer Lecture Notes in AI No. 598 (Springer, Berlin, 2023).

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AIP Style 4th Edition - Citation Guide (Journals)

Published proceedings from a meeting/conference

Reference Page Format

Author(s), *Proceedings Title*, Location, Publisher Identifier or Number (Publisher, Location, Year), pp. Page Range.

Examples

C. Yaakov and R. Huque, *Proceedings of the Second International Telecommunications Energy Conference*, Copenhagen, IEEE Pub. No. 320CMORE2-75 (IEEE, New York, 1997), pp. 17–27.

R. Jameson and E. Myung, *Proceedings of the International Conference on Human-Centered AI*, Seoul, ACM Pub. No. HC-AI-2301 (ACM, New York, 2023), pp. 301–312.

Article from Conference Proceedings to Be Published in Another Journal

Reference Page Format

Author(s), in *Conference Proceedings Title*, Location, Year [*Journal Name* (to be published)].

Examples

C. Yaakov and R. Huque, in *Proceedings of the Second International Telecommunications Energy Conference*, Copenhagen, 1997 [J. Phys. Rev (to be published)].

D. Aranda and H. Kim, in *Proceedings of the 2024 International Symposium on Neuromorphic Systems*, San Diego, 2024 [IEEE Trans. Neural Networks (to be published)].

Private Communications

Reference Page Format

Author(s) (private communication, Year).

Examples

R. Kibiro Waweru and A. Gakure (private communication, 1997).

S. Linden and P. Cho (private communication, 2022).

Computer Program

Reference Page Format

Author, computer code *Program Name* (Institution/Company, Location, Year).

Examples

 M. F. Verde, computer code *MIKE* (IBM Laboratories, Pleasantville, NY, 1996).

 J. Al-Khatib, computer code *NeuroSim* (OpenAI Research Labs, San Francisco, CA, 2023).

Patent

Reference Page Format

Author(s), U.S. Patent No. Number (Date).

Examples

K. Kimura and A. Lipeles, U.S. Patent No. 14,860,040 (14 December, 1996).

 L. Carter and M. Dubois, U.S. Patent No. 11,345,678 (22 July, 2021).

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References

American Institute of Physics. (2021, March). *AIP style manual* (4th ed.).

   https://publishing.aip.org/wp-content/uploads/2021/03/AIP_Style_4thed.pdf

University of Illinois Urbana-Champaign, Electrical & Computer Engineering. (2025).

   Thesis reference guide: AIP style. https://ece.illinois.edu/academics/grad/overview/thesis-aip