

Taylor & Francis Vancouver/National Library of Medicine (NLM) style

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In the text citations	
Basic citation format	Resources in the reference list should be cited using digits in parentheses (e.g., (1), (2)). Citations should precede terminal (e.g., periods, commas, closed quotation marks, question marks, exclamation point) and nonterminal punctuation (e.g., semicolons, colons). Reference numbers should not be placed in parentheses. This phenomenon frequently occurs in nature (3).
Multiple resources cited	When citing two resources in the same callout, place them in the same parentheses and separate them with a comma: This phenomenon frequently occurs in nature, experts agree (3, 4).

	When citing multiple resources that are not consecutively numbered in the same callout, include all the digits within the same parentheses and separate them with commas: This phenomenon frequently occurs in nature, experts agree (3, 4, 28). When citing span of three or more resources that are consecutively number in the same callout, include the first and last digits and separate them with an en-dash: This phenomenon frequently occurs in nature, experts agree (3, 4, 28, 29–31).
Citation with a direct quotation	Citations should be positioned outside the quotation mark that closes a passage in the running text that is drawn directly from a resource: One should live by the dictum, "Measure what is measurable, and make measurable what is not" (18). Longer quotations (over 50 words) should be set off in a "block." Citations appear after any punctuation that ends block quotations, with a space separating the citation from the punctuation: make measurable what is not. (18) The reference associated with the citation should feature the number of the page on which the quote is found.
Author names	The names of authors associated with a resource can be included in the running text along with a numerical citation. A numerical citation, though, should not be used as a substitute for author names. Correct Wayne and Hartley (12) write Incorrect (12) write. The citation should immediately follow the mention of the author name(s).

	The basic formats for citations with different numbers of authors are as follows:
	One author: Smith (12)
	Two authors: Smith and Jones (13)
	Three or more authors: Smith et al. (14)
Tables and figures	Resources cited in tables or figure legends should follow the standard format and must be included in the reference list.
Reference list	
Order	The references should be numbered consecutively based on the order of their first citation in the text. The first reference cited is "1.," the second "2.," and so on, in sequence. The digits should not be superscripted but should be followed by periods. References should also not be repeated in the list. The same resource, in other words, should not be given a different number with each subsequent mention in the text but should be cited on these later instances using the number assigned to it in the reference list at its first citation.
	<u>Example</u>
	This is the first citation of Green (23). This is an intervening citation by a different author (24). This is a subsequent citation of the same reference by Green (23).
	References
	23. Green ML. Journal article.
	24. Blue KW, Red JR. Book title.

Form of author name

For all authors, use initials, without periods or spaces between them, in lieu of expanded given and middle names. Include the authors' surnames in full. The listing for each author should be in inverted-order surname-first format. Commas should separate individual author names. The word "and" should not precede the final author name for reference entries with ten or fewer authors. If more than ten individuals authored a resource, the reference entry documenting the resource should list the first ten authors followed by "et al." Do not use em-dashes to replace author names if names repeat.

Up to 10 Authors

Format: #. Author AZ, Author BY, Author CX

More than 10 Authors

<u>Format:</u> #. Author AZ, Author BY, Author CX, Author DW, Author EV, Author FU, Author GT, Author HS, Author IR, Author JQ, et al.

If an organization is the author of a resource, the full name of the organization can appear in the reference:

8. British Standards Institution.

If a resource has no author, the reference entry should begin with the title of work:

12. Authorless book title.

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Titles	The titles of book references should appear in Roman font with sentence style capitalization. The titles of book chapters, reports, and papers should appear in Roman font with sentence style capitalization. Journal article titles should appear in Roman font with sentence style capitalization. The titles of journals in the same reference entries, though, should appear in italics with headline style capitalization (i.e., capitalize first words of title and subtitle, as well as all nouns, pronouns, verbs, adjectives, and adverbs, regardless of length). The titles of journals, moreover, should be abbreviated in accordance with US National Library of Medicine (NLM)/MEDLINE standards.
Place of publication and publisher name for books and reports	Any initial "the" and concluding "Inc.", "Ltd", "Co.", "Publishing Co.", etc. should be omitted from the publisher name in the reference entry. The place of publication should always include a state/province abbreviation or country, even if the city is a familiar one. Cambridge (MA): Harvard University Press Cambridge (UK): Cambridge University Press New York (NY): Macmillan Englewood Cliffs (NJ): Prentice Hall Washington (DC): Smithsonian Institution Press Chapel Hill (NC): University of North Carolina Press
Issue numbers and DOIs for journals	The issue number can be omitted if the journal is paginated consecutively through the volume (or if month or season is included), but it is not incorrect to include it. DOIs are standard elements of journal reference entries. Authors, though, are not required to retrieve DOIs for references.
In press	"Forthcoming" should be used in lieu of a publication year for any in-press references.

Pagination	With page ranges, include all digits, even if the end page number repeats the thousand and/or hundred digit(s) found in the first page number.
	6. Nguyen FM, Anh LN. Title of journal article. Jrnl Title. 2012;1:1137–1178.
	7. Valesco B. Title of book chapter. In: Ricardo JA, editor. Book title. City, Stat Abbr: Publisher; 2015. p. 623–654. ***
	If an online journal employs e-location or a similar identification system in lieu of pagination, the journal's method should be retained for the reference entry.
Book	
Book model	Format #. Author A, Author B, Author C. Title of book. # ed. City (State Abbr./Country): Publisher Name; yyyy. ### p. [optional]
	Example (full work citation) 2. Reichman EF. Reichman's emergency medicine
	procedures. 2nd ed. New York (NY): McGraw-Hill; 2013. 1271 p.

	Format #. Author A, Author B, Author C. Title of multivolume work. # ed. Vol. #, Volume title. City (State Abbr./Country): Publisher Name; yyyy. ### p. [optional]
	Example (full work citation) 18. Bowlby J. Attachment and loss. 3rd ed. Vol. 3, Loss: sadness and depression. New York (NY): Basic Books; 1982. 476 p.
	Example (page citation) 18. Bowlby J. Attachment and loss. 3rd ed. Vol. 3, Loss: sadness and depression. New York (NY): Basic Books; 1982. pp. 251–252.
Book with translator model	Format #. Author A, Author B, Author C. Title of book. Translator A, Translator B, translator(s). City (State Abbr./Country): Publisher Name; yyyy. ### p. [optional]
	Example (full work citation) 3. Pasteur L. Studies on fermentation: The diseases of beer, their causes, and the means of preventing them. Faulkner F, Robb DC, translators. London (UK): Macmillan; 1879. 418 p.
	Example (page citation) 3. Pasteur L. Studies on fermentation: The diseases of beer, their causes, and the means of preventing them. Faulkner F, Robb DC, translators. London (UK): Macmillan; 1879. p. 143.

Book with non- English title model	Format #. Author A, Author B, Author C, Author D. Book title in original language. City (State Abbr./Country): Publisher Name; yyyy. ### p. [optional]
	Example (full work citation) 6. Schulz-Stübner, S. Hygiene und Infektionsprävention. Fragen und Antworten: Über 950 Fakten für Klinik und Praxis. Berlin (Germany): Springer; 2011. 262 p.
	Example (page citation) 6. Schulz-Stübner, S. Hygiene und Infektionsprävention. Fragen und Antworten: Über 950 Fakten für Klinik und Praxis. Berlin (Germany): Springer; 2011. p. 53.
Edited book series, cited in full, model	Format #. Vol-Editor A, Vol-Editor B, Vol-Editor C, Vol-Editor D, editor(s). Title of book in series. City, State Abbr./Country: Publisher Name; yyyy. ### p. [optional] (Ser-Editor A, editor. Title of the series; vol. # [optional]).
	Example 47. Roccaro AM, Ghobrial IM, editors. Plasma cell dyscrasias. New York (NY): Springer; 2016. 358 p. (Rosen ST, editor. Cancer treatment and research; vol. 169)
Chapter in edited book with edition model	Format #. Author A, Author B, Author C. Title of chapter. In: Editor A, Editor B, editor(s). Title of book. # ed. City (State Abbr./Country): Publisher Name; yyyy. p. ###-###.
	Example (full work citation) 17. O'Brien KL, Ramakrishnan M, Finn A, Malley R. Pneumococcus, pneumococcal disease, and prevention. In: Bloom BR, Lambert P-H, editors. The vaccine book. 2nd ed. Cambridge (MA): Elsevier; 2016. p. 225–244.
	Example (page citation) 17. O'Brien KL, Ramakrishnan M, Finn A, Malley R. Pneumococcus, pneumococcal disease, and prevention. In: Bloom BR, Lambert P-H, editors. The vaccine book. 2nd ed. Cambridge (MA): Elsevier; 2016. p. 232.

Chapter in edited | Format (no separate title) and edition model

book with volume #. Author A, Author B, Author C. Title of chapter. In: Editor A, Editor B, editor(s). Title of multivolume work. # ed. Vol. #. City (State Abb./Country): Publisher Name; yyyy. p. ###-###.

Example (full work citation)

13. Ribeiro Saldanha O, Dantas de Azevedo F, Kuroyanagi FM, Silva de Freitas VC, Ribeiro Saldanha O Filho, Bonetto Saldanha C, Uribe Morelli LH. Lipoabdominoplasty. In: Nahai F, editor. The art of aesthetic surgery: principles & techniques. 2nd ed. Vol. 3. St Louis (MO): Quality Medical Publishing; 2011. p. 3027-3050.

Example (page citation)

13. Ribeiro Saldanha O, Dantas de Azevedo F, Kuroyanagi FM, Silva de Freitas VC, Ribeiro Saldanha O Filho, Bonetto Saldanha C, Uribe Morelli LH. Lipoabdominoplasty. In: Nahai F, editor. The art of aesthetic surgery: principles & techniques. 2nd ed. Vol. 3. St Louis (MO): Quality Medical Publishing; 2011. p. 3033.

Chapter in edited | Format book with translator model

#. Author A, Author B, Author C. Title of chapter. In: Editor A, Editor B, editor(s). Title of book. Translator A, Translator B, translator(s). City (State Abbr./Country): Publisher Name: yyyy. p. ###-###.

Example (full work citation)

33. Itard J. The first developments of the young savage of the Aveyron. In: Cousin F-R, Garrabé J, Morozov, D, editors. Anthology of French language psychiatric texts. Crisp J, translator. Le Plessis-Robinson (France): Institut Synthélabo pour le progrès de la connaissance; 1999. p. 91-104.

Example (page citation)

33. Itard J. The first developments of the young savage of the Aveyron. In: Cousin F-R, Garrabé J, Morozov, D, editors. Anthology of French language psychiatric texts. Crisp J, translator. Le Plessis-Robinson (France): Institut Synthélabo pour le progrès de la connaissance; 1999. p. 93.

Issued 2018

Chapter in edited book series model	Format #. Vol-Editor A, Vol-Editor B, Vol-Editor C, Vol-Editor D, editor(s). Title of book in series. City, State Abbr./Country: Publisher Name; yyyy. p. ###-##. (Ser-Editor A, editor. Title of the series; vol. # [optional]). Example (full work citation) 47. Moschetta M, Kawano Y, Podar K. Targeting the bone marrow microenvironment. In: Roccaro AM, Ghobrial, editors. Plasma cell dyscrasias. New York (NY): Springer; 2016. p. 63–102. (Rosen ST, editor. Cancer treatment and research; vol. 169). Example (page citation) 47. Moschetta M, Kawano Y, Podar K. Targeting the bone marrow microenvironment. In: Roccaro AM, Ghobrial, editors. Plasma cell dyscrasias. New York (NY): Springer; 2016. p. 82–83. (Rosen ST, editor. Cancer treatment and research; vol. 169).
Journal	
Journal article model	Format #. Author A, Author B, Author C. Title of the article. Abbr Jrnl Title. ############# Cited in: PubMed; PMID ############# [optional]. Example 12. Duffy J, Johnsen P, Ferris M, Miller M, Leighton K, McGilvray M, McNamara L, Breakwell L, Yu Y, Bhavasar T, et al. Safety of a meningococcal group B vaccine used in response to two university outbreaks. J Am Coll Health. 2017;65:380–388. doi: 10.1080/07448481.2017.1312418. Cited in: PMID: 28362241.

Online first publication model	#. Author A, Author B, Author C. Title of the article. Abbr Jrnl Title. [cited yyyy Mo dd]. Epub ahead of print. doi: ############ Cited in: PMID: ####### [optional]. Example 8. Semmens S, Higgins E, Coyne P. A treatment for refractory high ileostomy output. J Pain Palliat Care Pharmacother. [cited 2018 Nov 5]. Epub ahead of print. doi: 10.1080/15360288.2018.1529011. Cited in: PMID: 30395777.
Journal article with e-location model	#. Author A, Author B, Author C. Title of the article. Abbr Jrnl Title. yyyy;##(##):####. doi: ############## Cited in: PMID: ####### [optional]. Example 14. Gupta R, Bollyky TJ, Cohen M, Ross JS, Kesselheim AS. Affordability and availability of off-patent drugs in the United States-the case for importing from abroad: observational study. BMJ. 2018;360:k831. doi: 10.1136/bmj.k831. Cited in: PMID: 29555641.
In-press journal article model	Format #. Author A, Author B, Author C. Title of the article. Abbr Jrnl Title. Forthcoming. Example 78. Patel J, Lucas CJ, Margalit M, Martin JH. Laxative use in inpatients on oxycodone/naloxone prolonged release and oxycodone prolonged release for cancer and noncancer pain. J Pain Palliat Care Pharmacother. Forthcoming.
Conference	
Controlle	

Serial proceedings with supplement information model

<u>Format</u>

#. Author A, Author B, Author C. Title of the article. Abbr Jrnl Title. yyyy;##(## Suppl):####-###. doi: ########### [optional].

Example

25. Foster LM. Cuddy MM, Swanson DB, Holtzman KZ, Hammoud MM, Wallach PM. Medical student use of electronic and paper health records during inpatient clinical clerkships: results of a national longitudinal study. Acad Med. 2018;93(11 Suppl):S14–S20. doi: 10.1097/ACM.0000000000002376. Cited in: PMID 30365425.

Non-serial proceedings model

Format

#. Author A, Author B, Author C, Author D. Title of paper/presentation. In: Editor A, Editor B, editors. Title of the proceedings; yyyy Mo dd-dd; Conference City, Conference State Abbr./Country. City (State Abbr./Country): Publisher Name, yyyy:##-##.

Example (full work citation)

61. Rogers MF, Shihab HA, Ferlaino M, Gaunt TR, Campbell C. Predicting the pathogenic impact of sequence variation in the human genome. In: Randell R, Cornet R, McCowan C, Peek N, Scott PJ, editors. Informatics for health: Connected citizen-led wellness and population health: Proceedings of Medical Informatics Europe 2017 and the Farr Institute International Conference 2017; 2017 Apr 24–26; Manchester, UK. Amsterdam (Netherlands): European Federation for Medical Informatics and IOS Press, 2017. p. 91–95.

Example (page citation)

61. Rogers MF, Shihab HA, Ferlaino M, Gaunt TR, Campbell C. Predicting the pathogenic impact of sequence variation in the human genome. In: Randell R, Cornet R, McCowan C, Peek N, Scott PJ, editors. Informatics for health: Connected citizen-led wellness and population health: Proceedings of Medical Informatics Europe 2017 and the Farr Institute International Conference 2017; 2017 Apr 24–26; Manchester, UK. Amsterdam (Netherlands): European Federation for Medical Informatics and IOS Press, 2017. p. 92.

Paper presentation model

Format

#. Author A, Author B, Author C. Title of presentation. Paper presented at: Conference Name; yyyy Mo dd-dd; City, State Abbr./Country.

Example

32. Beltran J, Aguilera-Mendoza L, Brizuela C. Feature weighting for antimicrobial peptides classification: a multi-objective evolutionary approach. Paper presented at: the 2017 IEEE International Conference on Bioinformatics and Biomedicine; 2017 Nov 13–16; Kansas City, MO.

Issued 2018

Poster model	Format #. Author A, Author B, Author C. Title of poster. Poster presented at: Conference Name; yyyy Month dd-dd; City, State Abbr./Country.
	Example 33. Shrestha M, Bhattarai B, Pusey M, Aygun R. Schema matching and data integration on protein crystallization screens. Poster session presented at: the 2017 IEEE International Conference on Bioinformatics and Biomedicine; 2017 Nov 13–16; Kansas City, MO.
Thesis	
Thesis model	Format #. Author A. Title of dissertation or thesis [dissertation or thesis type]. City (State Abbr./Country): Institution Name; ####.
	Example 26. Allison N. Bacterial degradation of halogenated aliphatic acids [dissertation]. Nottingham (UK): Trent Polytechnic; 1981.
Internet	
Webpage model	Format #. Author A, Author B, Author C. Online site or webpage title. City (State Abbr./County): Website Operator; yyyy Mo dd [accessed yyyy Mo dd]. http://XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	Example 8. Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases. How is pandemic flu different from seasonal flu? Washington (DC): Office of the Associate Director for Communication, Digital Media Branch, Division of Public Affairs; 2018 Jun 26 [accessed 2018 Oct 3]. https://www.cdc.gov/flu/pandemic- resources/basics/about.html.

Blog	#. Blogger A. Name of Blogpost. City (State Abbr./County): Blog Operator; yyyy Mo dd [accessed yyyy Mo dd]. http://XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Newspaper or	
magazine	
Print publication model	Format #. Author A, Author B, Author C. Title of article. Name of Newspaper (Edition). yyyy Mo dd;Sect. X:# (col. #). Example 34. McNeil DG. Money needed to develop vaccines, study says. New York Times (NY Ed.). 2018 Sep 11;Sect. D:3 (col. 1).
Online publication model	#. Author A, Author B, Author C. Title of article. Name of Newspaper. yyyy Mo dd. [accessed yyyy Mo dd]. http://XXXXXXXXXXXXIhttps://XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Report	

Print model (monograph)	Format #. Author A, Author B, Author C. Title of report or paper. City (State Abbr./Country): Publisher Name; yyyy Mo dd. Report No.: ########.
	Example (full citation) 45. IARC Working Group on the Evaluation of Carcinogenic Risk to Humans. Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide. Lyon, France: International Agency for Research on Cancer; 1999. IARC Monographs 71.
Online model (brief technical report)	Format #. Author A, Author B, Author C. Title of report or paper. City (State Abbr./Country): Publisher Name; yyyy Mo dd. Report No.: #######. [accessed yyyy Mo dd]. http://XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	Example 81. Franklin JM, Rassen JA, Bartels DB, Schneeweiss S. Prospective cohort studies of newly marketed medications: using covariate data to inform the design of large-scale studies. Boston (MA): Brigham and Women's Hospital and Harvard Medical School; 2013 Jan 24. Division of Pharmacoepidemiology and Pharmacoeconomics technical report DOPE-008. [accessed 2018 Nov 1]. http://www.drugepi.org/wp- content/uploads/2013/05/TRS-Paper-8-Complete.pdf.
Personal communication	
Personal Letter, telephone conversation, or e-mail	Format #. Contact, First (Affiliation, City, State Abbr./Country). Letter to: E-mail to: Conversation with: First Recipient (Affiliation, State Abbr./Country). yyyy Mo dd
	Example 14. Jones, Lloyd (Division of Thoracic Medicine, County Hospital, West Lafayette, IN). E-mail to: Kevin Swanson (Department of Biology, Tulane University, New Orleans, LA). 2005 Aug 15.

Other reference types	
Patent model	Format #. Inventor A, Inventor B, Inventor C, inventor(s); A- Corporate, B-Corporate, assignee(s). Title of patent. Country patent Abbr. ######## Mo ##.
	Example 67. Pfeifer A, Muhs A, Pihlgren M, Adolfsson O, Van Leuven F, inventors; AC Immune S.A, Katholieke Universiteit Leuven, assignees. Humanized tau antibody. US patent 9,657,091. May 23, 2017.
Computer software with developer model	Format #. Developer A, Developer B, Developer C. Title of program. Version #.# [software]. City (State Abbr./Country): Producer Name; #### Mo ##.
	Example 10. Noguera J, Cumby C. SigmaXL. Version 8.0. [software]. Kitchener (Canada): SigmaXL, Inc; 2017 Feb 27.
Computer software without developer model	Format #. Title of Program. Version #.#. [software]. City (State Abbr./Country): Producer Name; #### Mo ##.
	Example 76. SPSS Amos. Version 22.0 [software]. Armonk (NY): IBM; 2013 Aug 13.
FORCE11- compliant software model	Format #. Developer AA, Developer BB, Developer CC. Title of the software: subtitle. Version #.# [software]. Producer Name Archive Name. yyyy Mon dd [cited yyyy Mon dd]. Available from: https://URL
	Example 6. Hecht K, McKinnon R, Podkowiak T, Roman M, Schmidt J, Vivier S, Werst E, Wyman J. Spectrum. Version 6.06 [software]. Avenir Health. 2021 Feb 3 [cited 2021 Feb 26]. Available from: https://avenirhealth.org/Download/Spectrum/SpecInstall.EX E

Dataset model

Format

#. Researcher A, Researcher B, Researcher C. Title of dataset: subtitle [dataset]. yyyy Mo dd [cited yyyy Mo dd]. In: Name of Archive/Repository/Database [Internet]. Available from: http://dx.doi.org/XXXXXXXXX OR https://doi.org/XXXXXXXXXXX OR https://[non-DOI URL].

Example

3. Wang G-Y, Zhu Z-M, Cui S, Wang J-H. Data from: glucocorticoid induces incoordination between glutamatergic and GABAergic neurons in the amygdala [dataset]. 2017 Aug 11 [cited 2017 Dec 22]. In: Dryad Digital Repository [Internet]. Available from: https://doi.org/10.5061/dryad.k9q7h.