Impact of Plagiarism and Citations on Research Article Writing

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Plagiarism (pronounced as plei·juh·ri·zm)



- Representation of another <u>author</u>'s language, thoughts, ideas, or expressions as one's own <u>original work</u>.
- Considered as <u>academic dishonesty</u> and a breach of <u>journalistic ethics</u>
- The modern concept of plagiarism emerged in Europe in the 18th century, particularly with the <u>Romantic movement</u>.
- Plagiarism not a <u>crime</u>, but a <u>counterfeiting fraud</u>
- <u>Etymolgy</u> In the 1st century, the use of the Latin word "plagiarius" (literally "kidnapper") to denote stealing someone else's <u>work</u> was pioneered by the Roman poet <u>Martial</u>, who complained that another poet had "kidnapped his verses".

Plagiarism Vs Copyright infringement

 Copyright infringement is a violation of the rights of a copyright holder, when material whose use is restricted by copyright is used without consent.

Vs

 Plagiarism constitute false claims of authorship regardless of whether the material is protected by copyright.



How to avoid Plagiarism?

1. Understand the context

- Do not copy—paste the text verbatim from the reference paper. Instead, restate the idea in your own words.
- Understand the idea(s) of the reference source well in order to convey correctly.



2. Quote

- Use quotes to indicate that the text has been taken from another paper.
- The quotes should be exactly the way they appear in the paper you take them from.

Quoting vs. Paraphrasing

Quoting is reproducing someone else's words.

Vs

 Paraphrasing is <u>using your own words</u> to express what someone else has written.

Quoting

☐Example:

 The elephant is the largest mammal in the world and can weigh nearly eight tons. It has a "massive body, large ears and a long trunk, which has many uses ranging from using it as a hand to pick up objects, as a horn to trumpet warnings, an arm raised in greeting to a hose for drinking water or bathing."

(Source: https://www.worldwildlife.org/species/elephant)

Paraphrasing

□Example:

• The elephant is the largest mammal in the world and can weigh nearly eight tons. Its large floppy ears help to cool its body and protect it from insects. Its proboscis that runs from its head to the ground and is used as a tool and for drinking and bathing. (Source: https://www.worldwildlife.org/species/elephant)

 Examples on good paraphrasing can be found here (https://writing.wisc.edu/Handbook/QPA paraphrase.html)

3. Identify what does and does not need to be cited

- Any words or ideas that are not your own but taken from another paper need to be cited.
- Cite Your Own Material—If you are using content from your previous paper, you must cite yourself. Using material you have published before without citation is called self-plagiarism.
- The scientific evidence you gathered after performing your tests should not be cited.
- Facts or common knowledge need not be cited. If unsure, include a reference.

4. Manage your citations

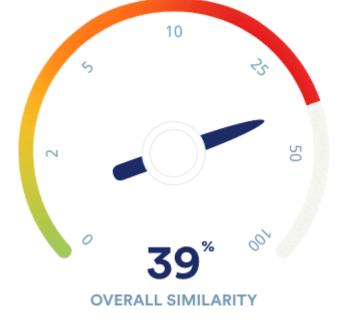
- Maintain records of the sources you refer to. Use <u>citation</u> <u>software</u> like EndNote or Reference Manager to manage the citations used for the paper
- Use multiple references for the background information/literature survey. For example, rather than referencing a review, the individual papers should be referred to and cited.

5. Use plagiarism checkers

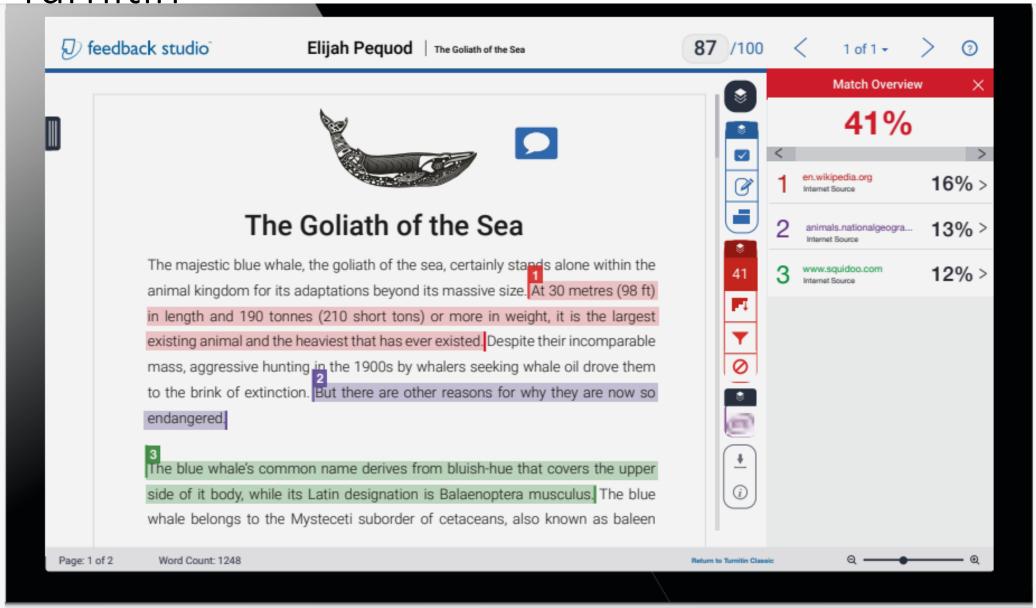
Use plagiarism detection tools such as iThenticate or eTBLAST.

Most of the plagiarism occurs in the literature review section of any

document (manuscript, thesis, etc.).



Turnitin



"No one is useless in this world who lightens the burdens of another."

Charles Dickens

Citation - Reference to source of information used in research.

Any time you directly quote, paraphrase or summarize the essential elements of someone else's idea in your work, an intext **citation** should follow.

• In-text citation -A brief notation within the text of research paper which refers the reader to a fuller notation, or end-of-paper citation, that provides all necessary details about that source of information.

Everyone has a dream...

- Students: "I wish had a lot of citations with my paper so that I can easily graduate"
- Researchers: "I wish I had a lot of citations which can improve my hindex and perhaps my reputation"
- ❖ Administration: "Citations can measure how good you are"

- Why Citation important?
- (i) How authors give proper credit to others?
- (ii) People count it as an indication of how influential the paper has been.

"Direct quotations", Paraphrasing....

• "Direct quotations" can be used when the idea you want to capture is best expressed by the source.

 Paraphrasing and summarizing - rewording an essential idea from someone else's work.

 One of the most effective strategies for locating authoritative, relevant sources about a problem is to review footnotes or references from known sources.

End-of-Paper Citations

- End-of-paper citations, as well as footnotes and endnotes, include *full* details about a source of information.
- Citation for an article typically includes:
- author(s)
- article title
- publication information (journal title, date, volume, issue, pages, etc.)
- For online sources:
 - DOI (digital object identifier).
 - URL of the information source itself
 - URL of the journal that published the article

Citation Styles

- MLA
- APA
- CSE
- Chicago
- IEEE

MLA

Works Cited

Besthoff, Len. "Cell Phone Use Increases Risk of Accidents, but Users Willing to Take the Risk." WRAL.com. Capitol Broadcasting, 9 Nov. 1999. Web. 12 Jan. 2001.

Farmers Insurance Group. "New Survey Shows Drivers Have Had 'Close Calls' with Cell Phone Users." Farmers. Farmers Insurance Group, 8 May 2000. Web. 12 Jan. 2001.

Haughney, Christine. "Taking Phones out of Drivers' Hands."

Washington Post 5 Nov. 2000: A8. Print.

Ippolito, Milo. "Driver's Sentence Not Justice, Mom Says." Atlanta Journal-Constitution 25 Sept. 1999: J1. eLibrary Curriculum. Web. 12 Jan. 2001.

Application: Literature

APA

References

Begley, S. (1998, January 19). Aping language. Newsweek, 131, 56-58.

Booth, W. (1990, October 29). Monkeying with language: Is chimp using words or merely aping handlers? *The Washington Post*, p. A3.

Eckholm, E. (1985, June 25). Kanzi the chimp: A life in science.

The New York Times, pp. C1, C3.

Fouts, R. (1997). Next of kin: What chimpanzees have taught me about who we are. New York: William Morrow.

Gibbons, A. (1991). Déjà vu all over again: Chimp-language wars. Science, 251, 1561-1562.

Application:

Psychologists, Social scientists,...

CSE

Cited References

- Kallas HJ, O'Rourke PP. Drowning and immersion injuries in children. Curr Opin Pediatr. 1993;5(3):295-302.
- Keatinge WR. Accidental immersion hypothermia and drowning. Practitioner 1997;219(1310):183-187.
- Gooden BA. Why some people do not drown--hypothermia versus the diving response. Med J Aust. 1992;157(9):629-632.
- Biggart MJ, Bohn DJ. Effect of hypothermia and cardiac arrest on outcome of near-drowning accidents in children. J Pediatr. 1999;117(2 Pt 1):179-183.

Chicago

Application: Historians

Notes

- John Cimprich and Robert C. Mainfort Jr., eds., "Fort Pillow Revisited: New Evidence about an Old Controversy," Civil War History 28, no. 4 (1982): 293-94.
- Quoted in Brian Steel Wills, A Battle from the Start: The Life of Nathan Bedford Forrest (New York: HarperCollins, 1992), 182.
 - 3. Ibid., 183.
- Shelby Foote, The Civil War, a Narrative: Red River to Appomattox (New York: Vintage, 1986), 110.
- Nathan Bedford Forrest, "Report of Maj. Gen. Nathan
 Forrest, C. S. Army, Commanding Cavalry, of the Capture of Fort Pillow," Shotgun's Home of the American Civil War, http:// www.civilwarhome.com/forrest.htm.
- Jack Hurst, Nathan Bedford Forrest: A Biography (New York: Knopf, 1993), 174.

Bibliography

- Castel, Albert. "The Fort Pillow Massacre: A Fresh Examination of the Evidence." Civil War History 4, no. 1 (1958): 37-50.
- Cimprich, John, and Robert C. Mainfort Jr., eds. "Fort Pillow Revisited: New Evidence about an Old Controversy." *Civil War History* 28, no. 4 (1982): 293-306.
- Cornish, Dudley Taylor. The Sable Arm: Black Troops in the Union Army, 1861-1865. Lawrence, KS: University Press of Kansas, 1987.
- Foote, Shelby. The Civil War, a Narrative: Red River to Appomattox. New York: Vintage, 1986.
- Forrest, Nathan Bedford. "Report of Maj. Gen. Nathan B. Forrest, C. S. Army, Commanding Cavalry, of the Capture of Fort Pillow." Shotgun's Home of the American Civil War. http://www.civilwarhome.com/forrest.htm.

Parenthetical Notes

• In MLA and APA styles, in-text citations usually appear as parenthetical notes. Brief information about the source, usually the author's name, year of publication, and page number, is enclosed in parentheses as follows:

- MLA style: (Smith 263)
- APA style: (Smith, 2013, p. 263)

In the words of Harriet Farley, a mill worker turned writer and editor, the factory women working at their looms weaving cloth were also weaving in their minds "bright webs of thought" ("Editorial" Lowell Offering 5 [1845]: 23). They shared

Note Numbers, Footnotes & Endnotes

 In Chicago and CSE styles, in-text citations appear as superscript numerals, or *note numbers*, as follows:

Historian Albert Castel quotes several eyewitnesses on both the Union and Confederate sides as saying that Forrest ordered his men to stop firing 13 in a letter to his wife three days after the

> In 1981, Doll and Peto produced a wide estimate of 10-70% of all cancer as being attributable to diet. Much of this interpretation was based on studies showing increased

References

 Doll R, Peto R. The causes of cancer. J Natl Cancer Inst 1981; 66: RESEARCH WEBINAR SERIES@LMCST 1191-1308.

Almost alone among sociological theorists, the late Alfred Schutz, in a series of classical studies2 of the con-

² Schutz, Alfred, Der Sinnhafte Aufbau Der Sozialen Welt, Wein: Verlag von Julius Springer, 1932; "The Problem of Rationality in the Social World," Economica, 10 (May, 1943), pp. 130-149; "Some Leading Concepts in Phenomenology," Social Research, 12 (1945), pp. 77-97; "On Multiple Realities," Philosophy and Phenomenological Research, 4 (June, 1945), pp. 533-575; "Choosing Among Projects of Action," Philosophy and Phenomenological Research, 12 (December, 1951), pp. 161-184; "Common Sense and Scientific Interpretation of Human Action," Philosophy and Phenomenological Research, 14 (September, 1953), pp.1-37; "Concept and Theory Formation in the Social Sciences," American Journal of Philosophy, 51 (April, 1954), pp. 257-274; "Symbol, Reality and Society," Symbols and Society, Fourteenth Symposium of the Conference on Science, Philosophy, and Religion, edited by Lyman Bryson and others, New York: Harper and Brothers, 1955, pp. 135-202; Collected Papers: I. The Problem of Social Reality, edited by Maurice Natanson, The Impact of Plagiarism and Citations on Research Article Writi Hague; Martinus Nijhoff, 1962.

Why cite?

- Allows your readers to locate the sources you used in order to verify the information, or to do their own research on that subject.
- Shows how your research builds on the research of others. A citation after a phrase tells your readers which ideas came from someone else, so that it is assumed everything else in your project was your own, original thinking, whether that thinking takes the concept a step further, in a totally new direction, or disputes the concept.
- Important part of Academic Integrity. Using another person's ideas or words without indicating via a citation where you found them is plagiarism.

MS Word will help you.....

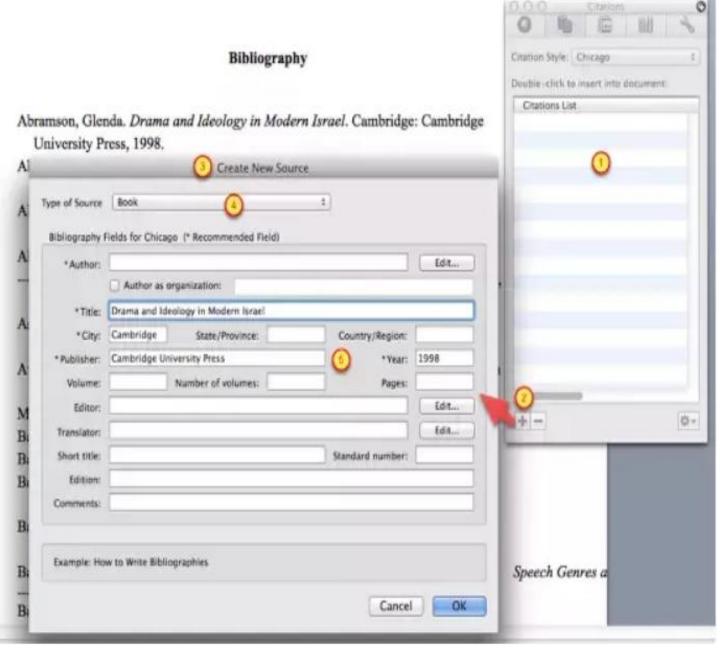
 Microsoft Word (Mac 2011)will help you generate the appropriate way of citing in the text, or generate References or Bibliography lists at the end.



• **Document Elements** tab [1], then **Manage** under the References subtab [2]:

MS Word.....

- Citations Manager opens.
- It's empty at the moment [1].
- Click "+" at bottom left to add[2].
- Fill details in dialog pops up [3].
- Starts with **Type of Source** [4].
- Fill other fields [5].
- Repeat the process.



MS Word.... To insert ref in body

Most Habima actors-including the founder of Ohel Theatre, Moshe Halevihailed from Moscow and had learned their craft, as a group, from Vakhtangov in accordance with the Stanislavski acting meth (Avigal, 1996). The Conserve members, by contrast, had all been born in central Europe (Czechoslovakia, Germany, or Hungary), arrived in Palestine at an early age, grown up in Tel-Aviv, gone through the Hebrew educational system, studied acting either with Zvi Friedland at the Habima studio, or other private acting studios, and had started their theatre careers on the Hebrew stage. The sole exception was Rosa Lichtenstein, who had studied acting at the National Theatre Academy in Berlin and had performed in professional theatre there before immigrating to Palestine.1

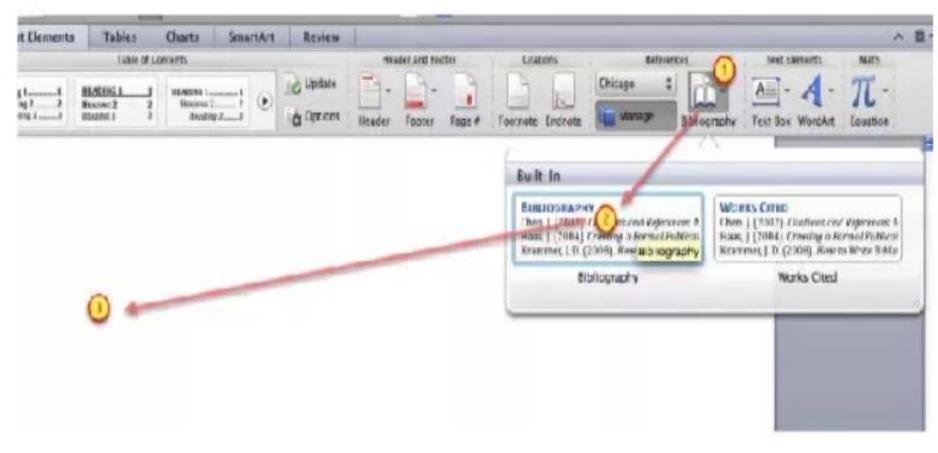
Citation Style: APA Double-click to insert into document Abramson, Clenda Drama and Ideole erns and Trends in Celber, Yoav New Homeland: The Im Vasseur-Legangneux, P., Vicial-Magr + -D.

Citations

- Place cursor where you want [1].
- Double-click ref in Citations List [2].
- Choose appropriate Citation Style from Citations Manager [3].

MS Word....

To generate bibliography



- Click the **Bibliography** button in the ruler, to the right of **Manage** [1].
- Choose Bibliography or Works Cited format, as required [2].
- Click at the end of the article where you want it to appear [3]:

Citing References in the Body

- only the last name of the author(s) and the year of publication are given, e.g., Bugjuice 1970.
- reference to the book has a page number (Gumwad 1952:209).
- For **two author papers**, give both authors' last names (e.g., Click and Clack 1974). Articles with more than two authors are cited by the first author's last name followed "and others" or "et al.", and then the year.
- When a book, paper, or article has no identifiable author, cite it as Anon. Year, e.g., (Anon. 1996)
- If you want **reference a paper found in another article**, do so as follows: (Driblick 1923, *in* Oobleck 1978).
- A <u>string of citations</u> should be separated by semicolons, e.g., (Gumwad 1952:209; Bugjuice 1970; Bruhahauser et al 1973).

DO NOT DO.....

- DO NOT USE FOOTNOTES
- DO NOT USE DIRECT QUOTES From Published Material
- □Some basic rules applicable to all formats indexed by author name(s):
- ✓ All citation entries are listed in alphabetical order based the <u>first</u> author's last name;
- ✓ If the same author(s) are cited for more than one paper having the same order of authors' names, the papers should be listed in chronological sequence by year of publication.
- ✓ Authors' names MUST be listed in the citation in the same order as in the article.

More tips...

- If the same author(s) are cited for two or more papers published within the *same year*, place a small case letter after the year to denote the sequence in which you referred to them. For example:
- Bugjuice, B. 1970a. Physiological effects of estrogen on mouse courtship behavior....x.J Physiol 40(2):140-145.
- Bugjuice, B. 1970b. Physiological effects of estrogen analogs: Insincere courtshipxxxxbehavior in female mice. J Physiol 40(8):1240-1247.
- If no author is listed, use the word Anonymous in place of the author name(s).
- Anonymous. 1992.

Journal Article: Single, Two and Multiple author(s)

Bugjuice, B. 1970. Physiological effects of estrogen on mouse courtship behavior. J Physiol 40(2):140-145.		Bugjuice (1970) OR (Bugjuice 1970)	
Timm, T. and B. Bugjuice. 1989. The role of whisker length in mouse nose-twitch courtship behavior. J Physiol 61(3):113-118.		Timm and Bugjuice (1989) OR (Timm and Bugjuice 1989)	
Bugjuice, B., Timm, T. and R. Cratchet. 1990. The role of estrogen in mouse courtship behavior changes as mice age. J Physiol 2(6): 1130-1142.	Bu	Bugjuice <i>et al</i> . (1990) OR Bugjuice <i>and others</i> (1990) OR (Bugjuice <i>and others</i> 1990)	

- **abbreviation** of her first name; no comma (if full name is given, *then* use a comma); if multiple authors, use commas between;
- capitalization of the words in the title is just as though it were a sentence;
- **abbreviation of the journal name**; usually the header on the article will list the appropriate abbreviation for the journal;
- "40" is the **volume number** "(2)" is the number of the **issue**;
- "140-145" is the **inclusive page numbers** of the article;
- indentation of the second line (and all subsequent lines) in the citation. This applies to all citations.

Journals

For the end reference

Author(s). Date. Article title. Journal title. Volume(issue):location.

- ➤ Journal titles are generally abbreviated according to the List of Title Word Abbreviations maintained by the ISSN International Centre.
- For the in-text reference, (Author(s) Year)
- For articles with 2 authors,
- □Mazan MR, Hoffman AM. 2001. Effects of aerosolized albuterol on physiologic responses to exercise in standardbreds. Am J Vet Res. 62(11):1812–1817.
- ☐(Mazan and Hoffman 2001)

Journals

- For articles with 3 to 10 authors,
- □Smart N, Fang ZY, Marwick TH. 2003. A practical guide to exercise training for heart failure patients. J Card Fail. 9(1):49–58.
- ☐(Smart et al. 2003)
- For articles with more than 10 authors,
- □Pizzi C, Caraglia M, Cianciulli M, Fabbrocini A, Libroia A, Matano E, Contegiacomo A, Del Prete S, Abbruzzese A, Martignetti A, et al. 2002. Lowdose recombinant IL-2 induces psychological changes: monitoring by Minnesota Multiphasic Personality Inventory (MMPI). Anticancer Res. 22(2A):727–732.
- ☐(Pizzi et al. 2002)

Journals

- Volume with issue and supplement
- □Gardos G, Cole JO, Haskell D, Marby D, Paine SS, Moore P. 1988. The natural history of tardive dyskinesia. J Clin Pharmacol. 8(4 Suppl):31S–37S.
- \square (Gardos et al. 1988)
- Volume with supplement but no issue
- Heemskerk J, Tobin AJ, Ravina B. 2002. From chemical to drug: neurodegeneration drug screening and the ethics of clinical trials. Nat Neurosci. 5 Suppl:1027–1029.
- ☐(Heemskerk et al. 2002)
- Multiple issue numbers
- □ Ramstrom O, Bunyapaiboonsri T, Lohmann S, Lehn JM. 2002. Chemical biology of dynamic combinatorial libraries. Biochim Biophys Acta. 1572(2–3):178–186.
- ☐(Ramstrom et al. 2002)

Book: Single and Multiple author(s)

Gumwad, G. 1952. Behavior patterns of mice. 2nd ed. New York: Harper & Row. 347 p.

Gumwad (1952:224) OR (Gumwad 1952:224)

Huth, J., Brogan, M., Dancik, B., Kommedahl, T., Nadziejka, D., Robinson, P., and W. Swanson.1994. Scientific format and style: The CBE manual for authors, editors, and publishers. 6th ed. Cambridge: Cambridge University Press. 825 p.

Huth *et al.* (1994:625) OR Huth and others (1994:625) OR (Huth and others 1994:625)

Book: authors contributing a specific chapter

Kuret, J. and F. Murad. 1990. Adenohypophyseal hormones and related substances. In: Gilman A, Rall T, Nies A, Taylor P, editors. The pharmacological basis of therapeutics. 8th ed. New York: Pergamon. p. 1334-60.

Kuret and Murad (1990:1334-60)

(Kuret and Murad 1990:1334-60)

Books

For the end reference

Author(s). Date. Title. Edition. Place of publication: publisher. Extent. Notes.

- Leboffe MJ, Pierce BE. 2010. Microbiology: laboratory theory and application. Englewood (CO): Morton Publishing Company.
- **♦** (Leboffe and Pierce 2010)
- Organization as author
- ❖[ALSG] Advanced Life Support Group. 2001. Acute medical emergencies: the practical approach. London (England): BMJ Books.
- **♦**(ALSG 2001)

Books

- Author(s) + editor(s)/translator(s)
- Klarsfeld A, Revah F. 2003. The biology of death: origins of mortality. Brady L, translator. Ithaca (NY): Cornell University Press.
- Luzikov VN. 1985. Mitochondrial biogenesis and breakdown. Galkin AV, translator; Roodyn DB, editor. New York (NY): Consultants Bureau.
- ❖(Klarsfeld and Revah 2003)
- **♦**(Luzikov 1985)
- Chapter or other part of a book, same author(s)
- ❖Gawande A. 2010. The checklist manifesto: how to get things right. New York (NY): Metropolitan Books. Chapter 3, The end of the master builder; p. 48–71.
- **♦**(Gawande 2010)

Books

- Chapter or other part of a book, different authors
- Rapley R. 2010. Recombinant DNA and genetic analysis. In: Wilson K, Walker J, editors. Principles and techniques of biochemistry and molecular biology. 7th ed. New York (NY): Cambridge University Press. p. 195–262.
- **❖**(Rapley 2010)
- Multivolume work as a whole
- Alkire LG, editor. 2006. Periodical title abbreviations. 16th ed. Detroit (MI): Thompson Gale. 2 vol. Vol. 1, By abbreviation; vol. 2, By title.
- **♦** (Alkire 2006)

Thesis & Personal Communications

≻Thesis:

- Mortimer, R. 1975. A study of hormonal regulation of body temperature and consequences for reproductive success in the common house mouse (*Mus musculus*) in Nome, Alaska. Masters Thesis, University of Alaska, Anchorage. 83 p.
- For **unusual ref citations** (eg-govt documents, tech reports, etc): Huth et al (1994)
- **→** Personal Communications⊗
- References to personal communication are placed in running text rather than as formal end references. Permission is usually required and should be acknowledged in an "Acknowledgment" or "Notes" section at the end of the document.
- . . . and most of these meningiomas proved to be inoperable (2003 letter from RS Grant to me; unreferenced, see "Notes") while a few were not.

"It has been found that male mice phase three of courtship behavior (C. Mousse, pers. comm.)."

Patents, Newspapers & DVDs

- Patents
- ❖ Blanco EE, Meade JC, Richards WD, inventors; Ophthalmic Ventures, assignee. 1990 Nov 13. Surgical stapling system. United States patent US 4,969,591.
- ❖(Blanco et al. 1990)
- Newspapers
- ❖ Weiss R. 2003 Apr 11. Study shows problems in cloning people: researchers find replicating primates will be harder than other mammals. Washington Post (Home Ed.). Sect. A:12 (col. 1).
- **❖**(Weiss 2003)
- DVDs
- Indicate a copyright date with a lowercase "c".
- ❖ Johnson D, editor. c2002. Surgical techniques in orthopaedics: anterior cruciate ligament reconstruction [DVD]. Rosemont (IL): American Academy of Orthopaedic Surgeons. 1 DVD.
- **♦** (Johnson c2002)

WWW/Internet Citations

It should be done with caution since so much is posted without peer review.

- Follow the same general principles as for printed references, with the addition of a date of update/revision (if available) along with an access date and a URL.
- Format for end reference:
- Title of Homepage. Date of publication. Edition. Place of publication: publisher; [date updated; date accessed]. Notes.
- □ APSnet: plant pathology online. c1994–2005. St Paul (MN): American Phytopathological Association; [accessed 2005 Jun 20]. http://www.apsnet.org/.
- ☐(APSnet . . . c1994–2005)
- □ http://abacus.bates.edu/ils/web/research/evaluate.html (For evaluating internet sources)

E-journal & e-book

≻Online journal article

- Author(s) of article. Date of publication. Title of article. Title of journal (edition). [date updated; date accessed]; Volume(issue): location. Notes.
- A DOI (Digital Object Identifier) may be included in the notes in addition to a URL.
- □Savage E, Ramsay M, White J, Beard S, Lawson H, Hunjan R, Brown D. 2005. Mumps outbreaks across England and Wales in 2004: observational study. BMJ. [accessed 2005 May 31];330(7500):1119–1120. http://bmj.bmjjournals.com/cgi/reprint/330/7500/1119. doi:10.1136/bmj.330.7500.1119.
- ☐(Savage et al. 2005)

> E-Book

- Author(s). Date of publication. Title of book. Edition. Place of publication: publisher; [date updated; date accessed]. Notes.
- □ Brogden KA, Guthmille JM, editors. 2002. Polymicrobial diseases. Washington (DC): ASM Press; [accessed February 28, 2014]. http://www.ncbi.nlm.nih.gov/books/NBK2475/.
- ☐ (Brogden and Guthmille 2002)

Blog

- Format for end reference:
- Author's name. Date of publication. Title of post [descriptive word]. Title of blog. [accessed date]. URL.
- □ Fogarty M. 2012 Aug 14. Formatting titles on Twitter and Facebook [blog]. Grammar Girl: Quick and Dirty Tips for Better Writing. [accessed 2012 Oct 19]. http://grammar.quickanddirtytips.com/formatting-titles-on-twitter-and-facebook.aspx.
- ☐(Fogarty 2012)

Forthcoming journal article or book

- Journal article:
- ✓ Farley T, Galves A, Dickinson LM, Perez MJ. Forthcoming 2005 Jul. Stress, coping, and health: a comparison of Mexican immigrants, Mexican-Americans, and non-Hispanic whites. J Immigr Health.
- ✓ (Farley et al. 2005)
- Book:
- Goldstein DS. Forthcoming 2006. Adrenaline and the inner world: an introduction to scientific integrative medicine. Baltimore (MD): Johns Hopkins University Press.
- ○(Goldstein 2006)

Paper or poster presented at meeting

- Antani S, Long LR, Thoma GR, Lee DJ. 2003. Anatomical shape representation in spine x-ray images. Paper presented at: VIIP 2003. Proceedings of the 3rd IASTED International Conference on Visualization, Imaging and Image Processing; Benalmadena, Spain.
- Charles L, Gordner R. 2005. Analysis of MedlinePlus en Español customer service requests. Poster session presented at: Futuro magnifico! Celebrating our diversity. MLA '05: Medical Library Association Annual Meeting; San Antonio, TX.
- (Atani et al. 2003)
- (Charles and Gordner 2005)

Citation Index

• A **citation index** is a kind of <u>bibliographic index</u>, an index of <u>citations</u> between publications, allowing the user to easily establish which later documents cite which earlier documents.

- 1. Science Citation Index (SCI) (by Eugene Garfield's ISI in 1960)
- 2. Social Sciences Citation Index (SSCI)
- 3. Arts and Humanities Citation Index (AHCI).
- 4. Google Scholar
- 5.Scopus(Elsevier's)

Citation Index-Categories

- Subscription based- Web of Science and Scopus
- Freely available: <u>CiteSeer</u> and <u>Google Scholar</u>
- Open-access, subject-specific
- INSPIRE-HEP high energy physics,
- PubMed life sciences and biomedical topics
- Astrophysics Data System astronomy and physics.

Web of Science(Web of Knowledge)

- Web of Science-A website which provides subscription-based access to multiple databases that provide comprehensive citation data for many different academic disciplines.
- Origin from Institute for Scientific Information (ISI)
- Currently maintained by <u>Clarivate Analytics</u> (Intellectual Property and Science business of Thomson Reuters).

Web of Science



Who we are for

Products

Resources

Services

ISI

Web of Science™

Confident research begins here.

Go to product

Contact us

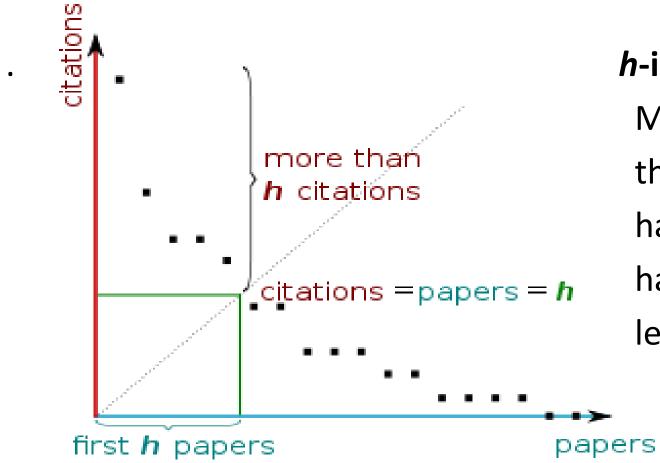
Web of Science™ is the world's most trusted publisher-independent global citation database. Guided by the legacy of Dr Eugene Garfield, inventor of the world's first citation index, Web of Science™ is the most powerful research engine, delivering your library with best-in-class publication and citation data for confident discovery, access and assessment.

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h-index

- An author-level metric that attempts to measure both the productivity and citation impact of the publications of a scientist or scholar.
- The index is based on the set of the scientist's most cited papers and the number of citations that they have received in other publications.
- The index was suggested in 2005 by Jorge E. Hirsch, sometimes called the *Hirsch index* or *Hirsch number*.
- The index works properly only for comparing scientists working in the same field

How to calculate h-index?



h-index

Maximum value of *h* such that the given author/journal has published *h* papers that have each been cited at least *h* times.

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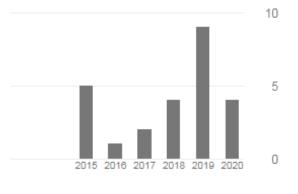
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	formation Y Johnson	on flight on, S Das	t gupta	and performance of forward-velocity dynamics of UAVs in close on Advances in Green Energy (ICAGE), 124-131	4	2014
	N Sumay	a, BM La	aila, Y Johns	ttitude control of satellites on ific & Engineering Research 7 (4), 599-608	2	2016
	Y Johnso	on, S Das	gupta	oll dynamics of UAVs in close formation flight erence on Signal Processing, Informatics	2	2015
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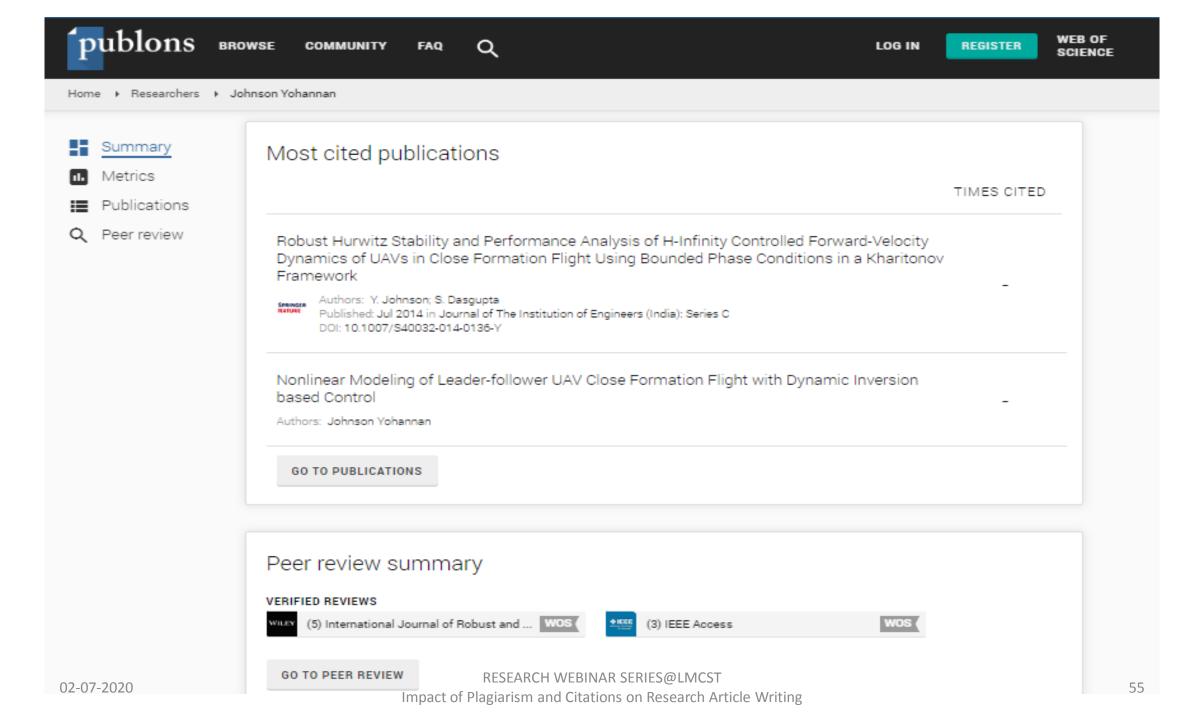
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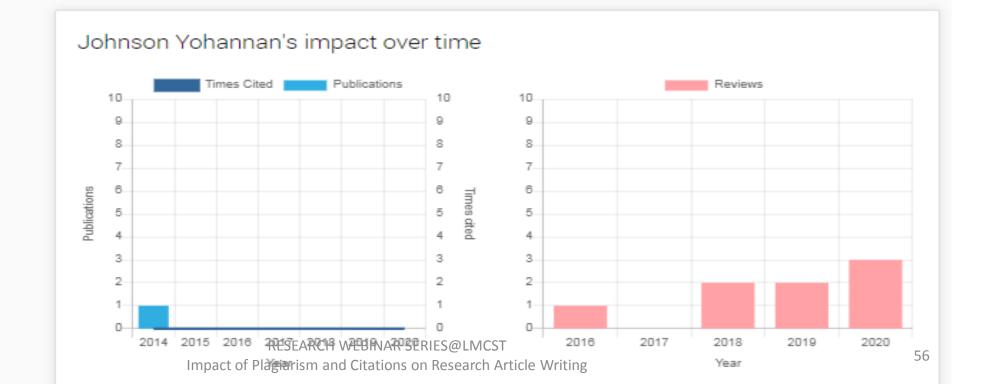
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