Referencing & bibliographies

Contents:

- Finding literature.
- Citations and references.
- Annotated bibliographies vs literature surveys.
- Reference & citation styles & components.
- Reference management software.

What are academic sources?

- Academic sources:
  - By trained academics.
  - Peer reviewed.
  - Scholarly format.

Non-academic sources	Academic sources
Blog entry, web page	Conference article
Lecture slides online	Chapter in book
Informal magazine articles	Journal article
Wikipedia	Thesis/dissertation
Mum	Technical report

Suggested resources for available from library

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- Web of Science:
  - Database of journal publications.

- Scopus:
  - Database of journal and high-quality conference publications.

- Google scholar:
  - Database scraped by google.

- ACM Digital Library:

  Association of Computing Machinists publications.

- IEEE Xplore Digital Library:
  - Institute of Electric and Electronics Engineers publications.

Books & electronic books

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All Resources

"usability testing" Search

Catalog Search

Keyword usability testing Search

catalog search | advanced search

ACM DL DIGITAL LIBRARY

Literature search tips: Try many variations

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usability video editor | SEARCH

15 Understanding videowork
David Kirk, Abigail Sellen, Richard Harper, Ken Wood

"usability testing" "video editing" | SEARCH

5 A guerrilla usability lab with free software
José Antonio Collado, Paul Salazar Mora, Elizabeth Parham

usability testing video editing | SEARCH

3 Introducing usability activities into open source software development proje
Mikko Rajanen, Netta Iivari, Eino Keskitalo

12 Bottlenecks, usability issues and development needs in creating and delive phones
Heli Väätäjä, Anssi A. Männistö

usability non-linear video editor | SEARCH

11 Collaborative editing for improved usefulness and usability of transcript-enh
Cosmin Munteanu, Ron Baecker, Gerald Penn

8 Example-based video remixing support system
Naoko Nitta, Noboru Babaguchi

software learnability video editor | SEARCH

1 A survey of software learnability: metrics, methodologies and guidelines
Tovi Grossman, George Fitzmaurice, Ramtin Attar

15 Perceptions and practices of usability in the free/open source software (FoS
Michael Terry, Matthew Kay, Ben Lafreniere

kdenlive | SEARCH

4 Multitrack video editor roundup
Dan Sawyer

2 KDENLIVE is a promising work in progress
Dan Sawyer

WEB OF SCIENCE™

Literature search tips: rank articles with citation count

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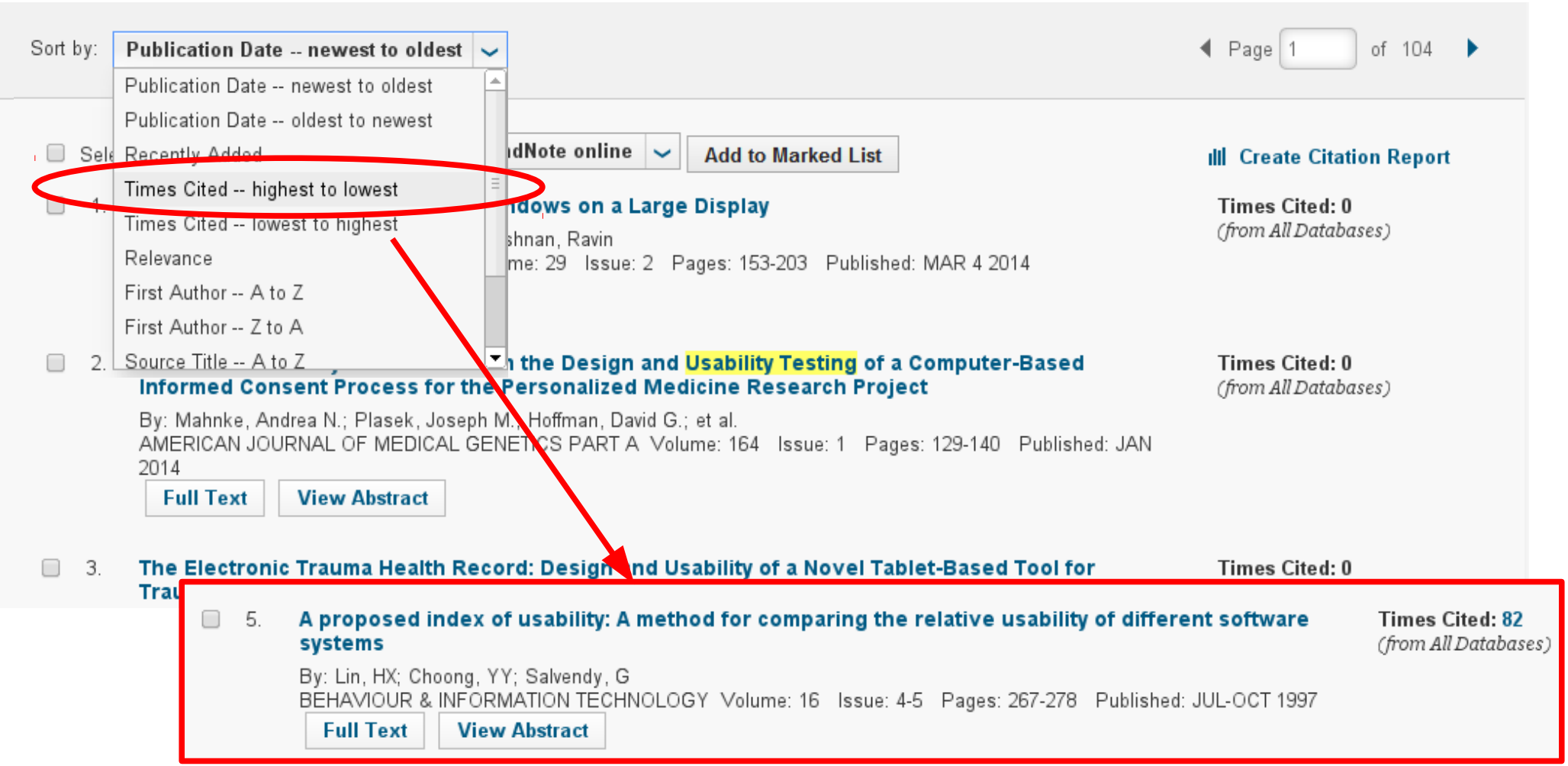

Literature search tips: Find related articles with citation search

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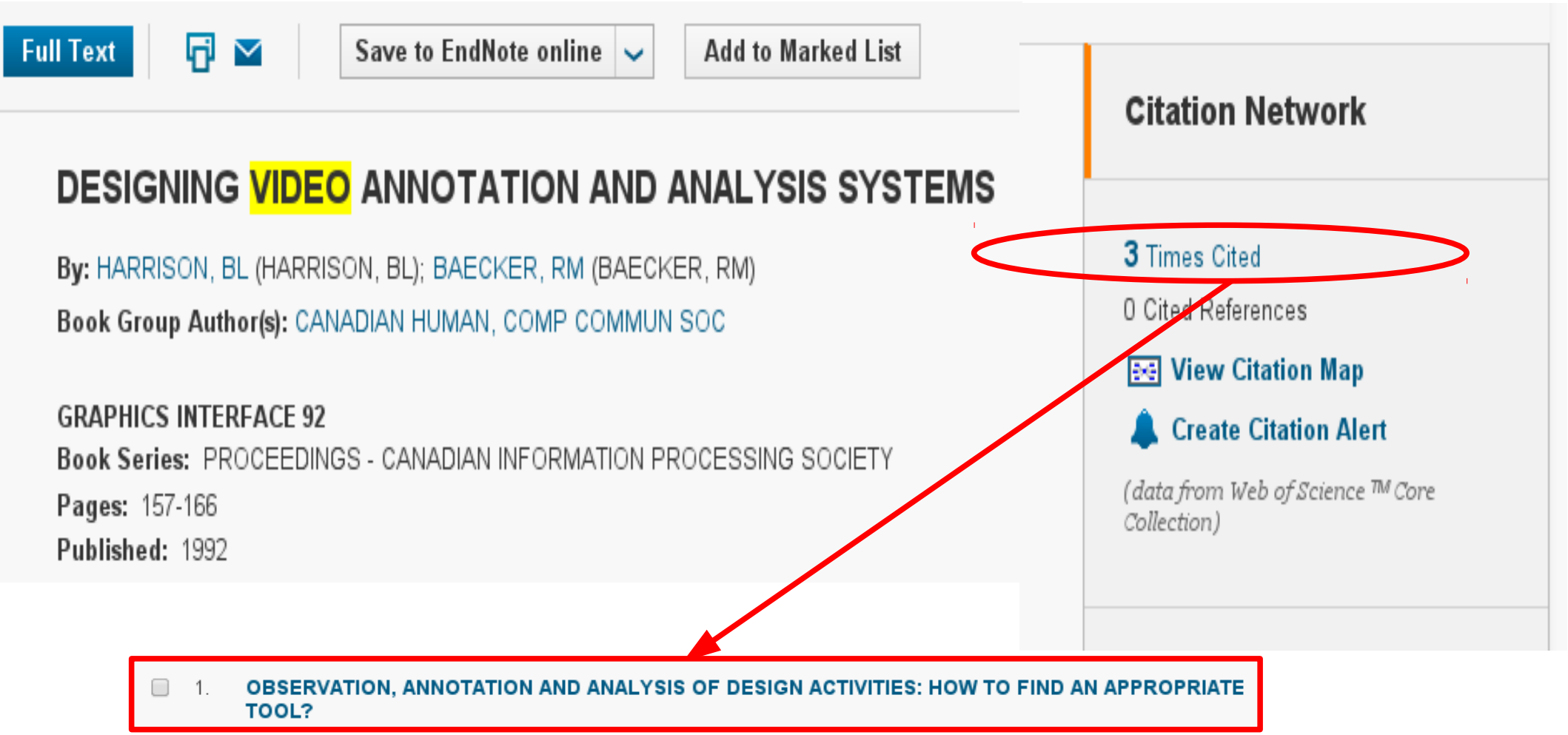

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Citations and references

Citation: *A mention in the text of a source.*

Due to the importance of context, there is increasing awareness of the importance of embedding ethics awareness into each topic [1].

Reference: *Full information about where to find source.*

[1]A. Narayanan and S. Vallor, “Why software engineering courses should include ethics coverage,” Communications of the ACM, vol. 57, no. 3, pp. 23–25, Mar. 2014.

Annotated bibliographies vs literature reviews

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Document:	Annotated Bibliography	Literature Review
Stage:	During survey.	During analysis.
Purpose:	For organising sources during survey.	For analysing sources and building up a picture.
Format:	A list of references and notes.	Prose text elaborating analysis.

Example annotated bibliography snippet

RASKIN, J. 1997. Looking for a humane interface: Will computers ever become easy to use? Communications of the ACM, 40, 2, 98-101.

Argues that users need to be able to work without needing to know the current system state; allowing automatic functioning with reusable components. Recommends "cognetics" – experimental ergonomics for user interface design, new

Example literature review snippet

Raskin [1997] attempts to use the modern GUI as a springboard to understanding how to best build on current advances in user interfaces. He proposes an experimental methodology, akin to ergonomics and cognitive psychology. In the context of video editing, this methodology is rarely applied, as Malcom [2005] argues, due to the fact that the underlying technology is in flux. However, several studies [Cox 2003; Higgins 2010;

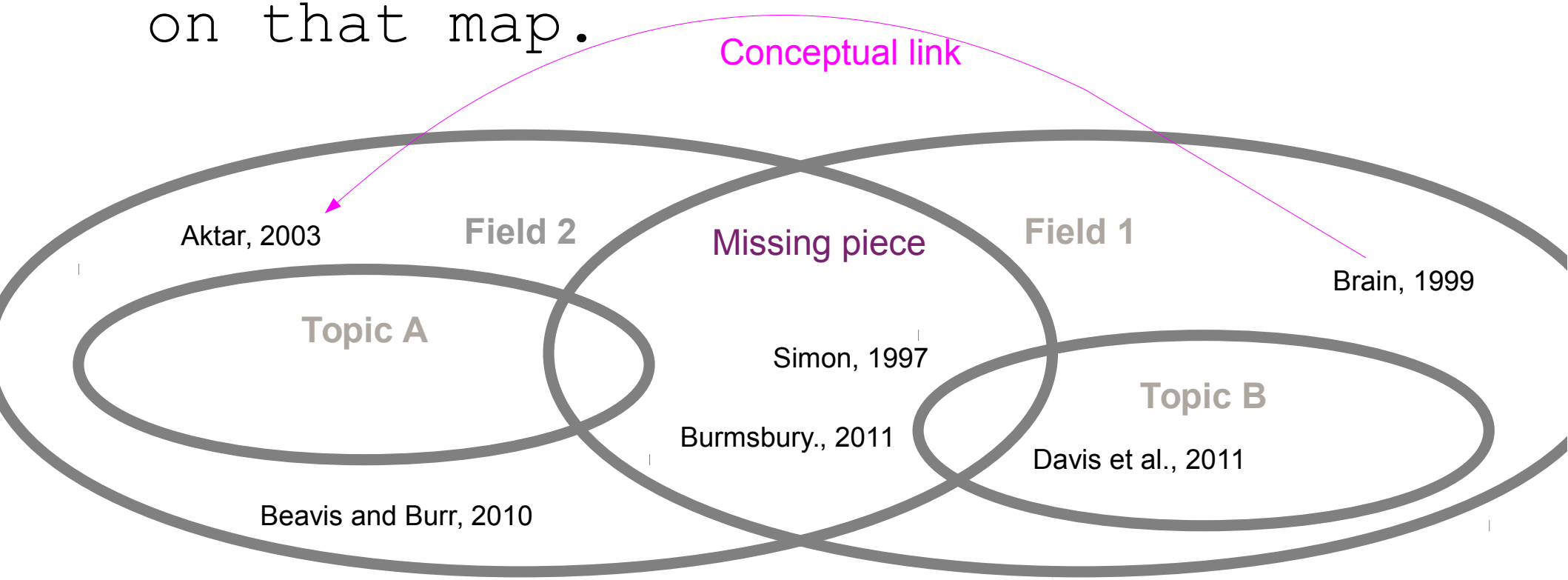
Literature surveys require analysis

They ask questions like:

- What is left to do in this area?
- What are the most important things done?
- What are the key distinctions and ideas made?
- What are the key technologies and how are they different/similar?
- Who are the key people and what have they done?

Literature surveys require analysis

Literature surveys make a map and place the current research on that map.



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Reference and citation styles: ACM

- ACM uses a Harvard-style (author-date) citation/referencing format:

  Due to this feature the eyes must actively move in order to obtain detailed views of different parts of the scene [Steinman 2003].

  ...

  S TEINMAN, R. 2003. Gaze control under natural conditions. In The Visual Neurosciences, L. Chalupa and J. Werner, Eds. MIT Press, 1339–1356.

- From http://dl.acm.org/citation.cfm?id=2536767
- See http://www.acm.org/publications/submissions.

Reference and citation styles: IEEE Transactions

- IEEE is a Vancouver-style (number-based) citation/referencing format:

  There has been some work on using dynamics models of people while tracking them [1,2]; it remains unclear however as to whether the physical models can provide an...

  ….

  [2] M. Vondrak, L. Sigal, and O. C. Jenkins, “Physical simulation for probabilistic motion tracking,” in Proc. IEEE Computer Society Conf. on Computer Vision and Pattern Recognition (CVPR). Los Alamitos, CA, USA: IEEE Computer Society, 2008, pp. 1–8.

- From http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5980535&tag=1
- See https://www.ieee.org/publications_standards/publications/authors/author_templates.html

Exercise: what information is necessary for the following references?

- A blog entry?
- Your textbook.
- A chapter from a compilation book?
- My PhD thesis.
- The conference paper that came from your undergraduate thesis ?
- A news article from hurriyet.com.tr?
- Printed lecture notes.

Collecting references: reference management software

Popular software:

- Zotero.
- JabRef.
- EndNote.
- Mendeley.
- Plain text BibTex.

Zotero example: Importing from the web

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1. Click import symbol.

Zotero example: Importing from the web

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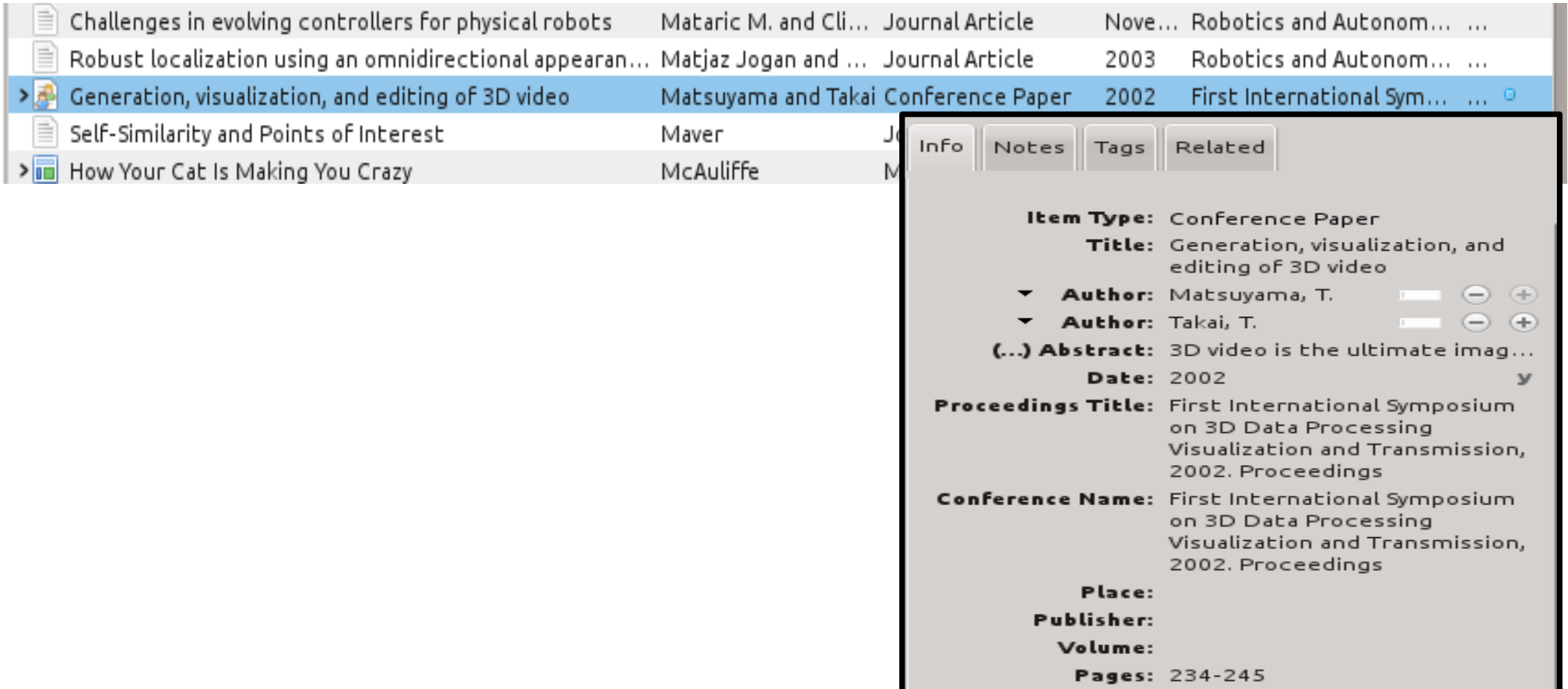
- 2. Source now in library (with attached PDF of article).



Zotero example: Insert citation into word processor

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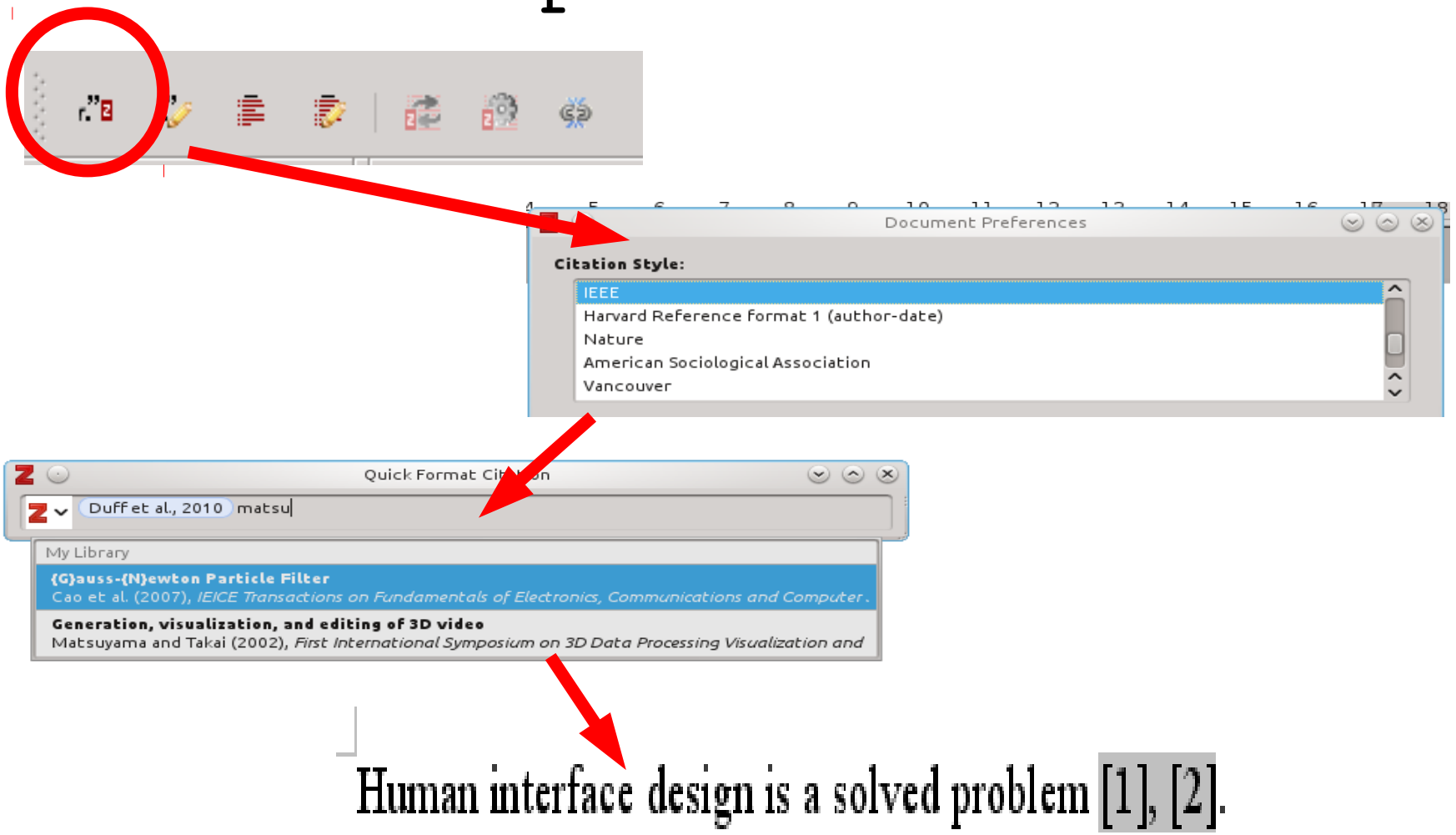

Zotero example: Insert reference list into word processor

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Human interface design is a solved problem [1], [2].

Reference List

[1] D. J. Duff, J. Wyatt, and R. Stolkin, "Motion Estimation Using Physical Simulation," in *Proceedings of the IEEE International Conference on Robotics and Automation*, Anchorage, AL, USA, 2010, pp. 1511–1517.

[2] T. Matsuyama and T. Takai, "Generation, visualization, and editing of 3D video," in *First International Symposium on 3D Data Processing Visualization and Transmission, 2002. Proceedings*, Padova, Italy, 2002, pp. 234–245.

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How to install Zotero

Download Zotero:

https://www.zotero.org/download/

Download browser plugin:

https://www.zotero.org/download/

(scroll down to link for your browser).

Download word-processor plugin:

http://www.zotero.org/support/word_processor_integration

Latex/Bibtex example: Bibtex file

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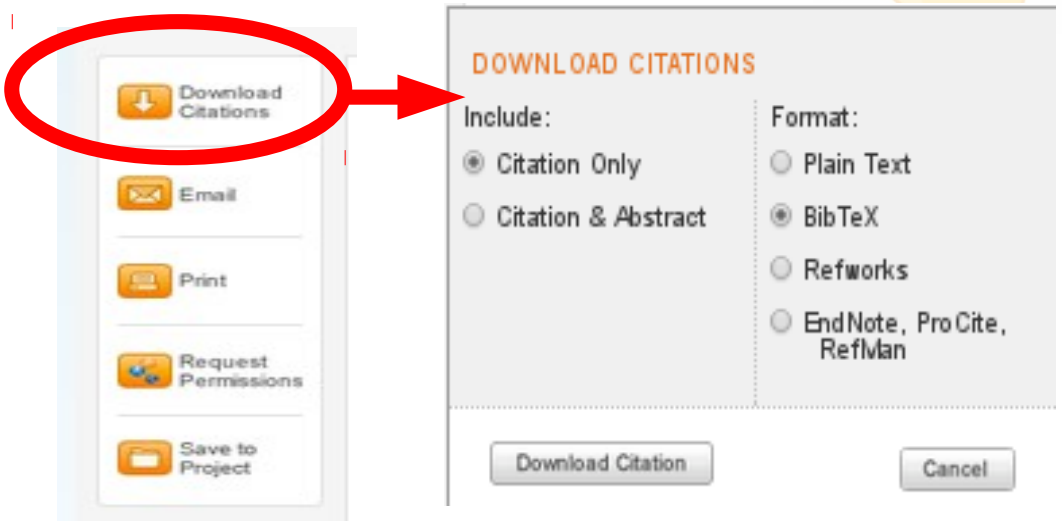

In Mybib.bib:

```
@inproceedings{duff_motion_2010,
    year = {2010},
    pages = {1511--1517},
    address = {Anchorage, {AL}, {USA}},
    url = {http://eprints.bham.ac.uk/977/},
    title = {Motion Estimation Using Physical Simulation},
    doi = {doi:10.1109/ROBOT.2010.5509590},
    booktitle = {Proceedings of the {IEEE} International Conference on
Robotics and Automation},
    author = {Duff, Damien Jade and Wyatt, Jeremy and Stolkin, Rustam},
},

@inproceedings{matsuyama_generation_2002,
    address = {Padova, Italy},
    title = {Generation, visualization, and editing of {3D} video},
    doi = {10.1109/TDPVT.2002.1024068},
    booktitle = {First International Symposium on {3D} Data Processing
Visualization and Transmission, 2002. Proceedings},
```

Latex/Bibtex example: Bibtex file

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In mytex.tex:

```
\documentclass{article}
\begin{document}
\bibliographystyle{ieeetr}%Choose a bibliographic style

Human interface design is a solved problem
\cite{duff_motion_2010,matsuyama_generation_2002}.

\bibliography{mybib}
\end{document}
```

Commands to run:

```
(1) pdflatex mytex.tex
(2) bibtex mytex
(3) pdflatex mytex.tex
```

Human interface design is a solved problem[1, 2].

References

[1] Duff, D. J., Wyatt, J., and Stolkin, R. Motion e
physical simulation. In *Proceedings of the IEEE Internatio*
on Robotics and Automation (Anchorage, AL, USA, 2010),

[2] Matsuyama, T., and Takai, T. Generation, visualization
3D video. In *First International Symposium on 3D Data P*
alization and Transmission, 2002. Proceedings (Padova, Ital