



POLITECNICO
MILANO 1863

DEPARTMENT OF MANAGEMENT
ECONOMICS AND INDUSTRIAL
ENGINEERING

Materials supporting the development of the Master Thesis

A collection of useful links to help the students take the first steps in research and selecting scientific articles for conducting a literature review

Introduction

The purpose of this document is to provide a clear guide to help students develop their literature review skills, both in terms of methodological choices and in becoming familiar with the main research tools.

The following slides therefore provide:

1. Useful references on how to conduct a literature review
 - How to conduct a systematic literature review step by step?
 - How to read, organise and write an effective literature review?
 - How to identify effective keywords for searching for scientific articles?
2. Useful references on search tools
 - How to search for articles on Scopus effectively?
 - How to search for articles on Web of Science effectively?

Useful references on how to conduct a literature review 1/3

TITLE: How to conduct a systematic literature review step by step?

LINK: <https://www.youtube.com/watch?v=2XFCs64PWAs>

DESCRIPTION: The video, which lasts approximately 50 minutes and is in English, is available on YouTube and was produced by Mirco Peron, Assistant Professor of Supply Chain Management at NEOMA Business School in France.

The video serves as a comprehensive lesson on how to conduct a literature review, covering everything from why one should carry out a systematic literature review, to the selection of keywords, the construction of search strings, the assessment of inclusion and exclusion criteria, and the retrieval of documents, etc.

The video focuses on the document retrieval stage rather than on the subsequent analysis and writing. The video uses an example relevant to the content studied by Management Engineering students (i.e. an ageing workforce) and utilizes Scopus as a search tool. On the last slide of the presentation in the video, there are some additional references that you might find interesting and useful to consult

Useful references on how to conduct a literature review 2/3

TITLE: How to read, organise and write an effective literature review?

LINK: https://www.youtube.com/watch?v=rk_jgtdJOD0

DESCRIPTION: The video, which lasts approximately 20 minutes and is in English, is available on YouTube and was produced by David Stuckler, Full Professor of Policy Analysis and Public Management at Bocconi University, Milan.

The video is suitable for students who decide to conduct a scoping review (rather than a systematic literature review, for which we recommend the video on the previous slide).

The video focuses more on reading and systematising the results of the literature review, presenting some solutions on how to extract information (by creating a supporting Word document), how to structure the results (in chronological order, from macro to micro, by macro-themes, etc.), and how to organise the paragraphs.

The speaker's page also features more detailed videos suitable for Master's students, again on the topic of literature review, which may be interesting and useful to consult.

Useful references on how to conduct a literature review 3/3

TITLE: How to identify effective keywords for searching for scientific articles?

LINK: <https://www.youtube.com/watch?v=lhipvfjWaeM>

DESCRIPTION: The video, which lasts approximately 10 minutes and is in English, is available on YouTube and has been produced by Academic English Now (<https://academicenglishnow.com/about>), an organisation specialising in supporting PhD students and researchers with their research, writing and publication.

The video explores how to define effective keywords for research. We therefore suggest combining this video on keywords with other useful resources that explain what a literature review is and the steps involved in conducting one.

The video is designed for PhD students, but is also suitable for Master's students.

The organisation's website also features other useful videos on the topic of 'literature reviews'. We recommend:

- How To Write A Literature Review From Start To Finish,
<https://www.youtube.com/watch?v=bhXA0emLH-k>
- Four Easy Ways To Structure Your Literature Review In A Thesis,
<https://www.youtube.com/watch?v=dJRDA3Euppo>

Useful references on search tools 1/2

TITLE: How to search for articles on Scopus effectively?

LINK: https://service.elsevier.com/app/answers/detail/a_id/14799/c/10545/supporthub/scopus/

DESCRIPTION: These short videos, each lasting 3 minutes and in English, are available on the Scopus platform and have already been approved by the University Archives and Library System of the Politecnico di Milano. They are useful if you intend to use Scopus as your starting point.

Among the tutorials, those recommended for a Master's student, within the 'Searching for documents' section, are:

- **How to conduct a basic search**
- **How to expand your search**
- **How to use advanced search**
- **How to analyze your search results**
- **How to download and export your search results**

To find other resources, please visit this page on the Libraries and Archives of the Politecnico di Milano :

<https://www.polimi.it/campus-e-servizi/biblioteche-e-archivi/biblioteche/servizi/accedere-a-una-risorsa-elettronica#c19857>

Useful references on search tools 2/2

TITLE: How to search for articles on Web of Science effectively?

LINK: <https://webofscience.zendesk.com/hc/en-us/categories/23290193729041-Training>

DESCRIPTION: These short videos, each lasting 2–3 minutes and in English, are available on the Web of Science platform and have already been approved by the University Library and Archives System of the Politecnico di Milano.

They are useful when Web of Science is explicitly requested as the starting database.

Among the tutorials, those recommended for a Master's student, within the 'First steps', 'Organising your results' and 'Getting better results' sections, are:

- **Start searching with Topic or All Fields**
- **Sort your results**
- **Exporting records**
- **Build better searches**
- **Advanced search**

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