Library Course

Orientation
- understanding • background
- research field • global reading

Publishing
- copyright • open access
- peer review • strategy

Exploration
- mind map • key topics
- existing solutions
- results analysis

Keeping up-to-date
- new developments
- alerts • RSS

Processing
- consistency • citations
- reference management

Literature searching
- search plan • information sources
- evaluation • confidence

Introduction

Information Literacy

Information Literacy 3 (2012-2013)
- Introduction
- Orientation
- Exploration
- Literature search
- Processing
- Keeping up-to-date
- Publish

- Document your steps
- Links and literature
- Evaluation

Keeping up-to-date

Keeping up-to-date

Introductory video

Keeping up-to-date introduction text in pdf-format

Questions and answers

Do you want to learn about **keeping up-to-date**?
Click on any of the questions below to see and hear the

Questions, answers, demos

Why is it important to keep up-to-date regarding my subject anyway?

Why do I need to keep up-to-date with my subject while writing my thesis?

Why do I need to check the content of my thesis in relation to new literature?

Why do I need to revise the discussion and final conclusions of my thesis?

Information literacy 3

Introduction
Orientation
Exploration
Literature search
Processing
Keeping up-to-date
Publish

Document your steps
Links and literature

Document your steps: literature search

Main research topic (key question)

Aspects of the main topic

Sub-questions

Query and Search terms
Note: save query as alert

Table Search strategy

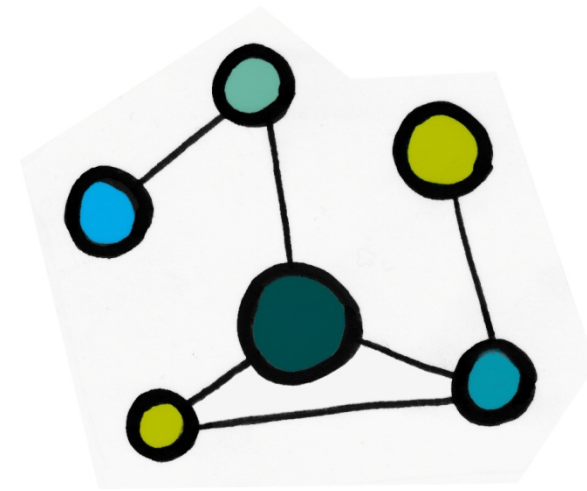|	← AND →		
	Aspect 1	**Aspect 2**	**Aspect 3**
↑ OR			

In short: contents of the course

- "Introduction", followed by six phases:
  - "Orientation"
  - "Exploration"
  - "Literature searching"
  - "Processing"
  - "Keeping up-to-date"
  - "Publish"

- Each phase: introduction, followed by questions & answers

- "Document your steps": use the Word-templates!

- "Links and literature": to learn more

- Use the course during your thesis preparation,
  if and when you need it

Explore your research field

Home work Exercise 1: find search terms (keywords)

- In the section Exploration, watch the video **How can I find the key topics within my research area?**

- Then go to the database **Scopus** and find some keywords relevant to your own topic.

Explore your research field

Who?
Most published authors:
1. Dufourc E.J.
2. Lorigan G.E.
3. Stillwell W.
4. Wassall S.R.
5. Winter R.

Most cited authors:
1. Defronzo R.A.
2. Edidin M.
3. Dean M.
4. Simons K.
5. Ikonen E.

Keywords
- Bilayer, cell membrane
- State, phase
- Lipid raft
- Cholesterol, sterol

Topic:
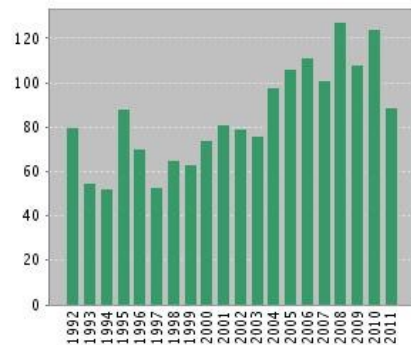*the cell membrane state in the presence of cholesterol*
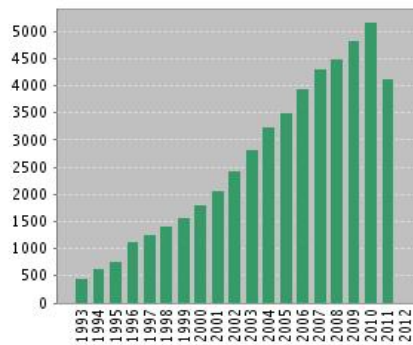
Where?
Journals
1. Biophysical Journal
2. BBA – Biomembranes
3. Biochemistry
4. Journal of Biological Chemistry
5. Chemistry and Physics of Lipids

Institutions
1. CNRS
2. Cornell Univ.
3. Harvard Univ.
4. Univ. Illinois
5. Stony Brook Univ.

Number of publications

Number of citations

Plan your literature search

Home work Exercise 2: aspects and synonyms

- In the section Literature Search, watch the video **How do I make my search queries?**

- Use your own topic and organise the search terms you found in exercise 1 into an aspects-and-synonyms table

- If you do not want to use your own topic,
  make a table for the sample topic:
  "Design a portable system for (waste) water purification"

- If you have time left, try your search queries
  in **Scopus**!

Plan your literature search

Aspects and synonyms for the topic:
"Design a portable system for (waste) water purification"

aspects ← AND →				
water	**waste**	**purification**	**system**	**portable**
H2O	**pollution**	**treatment**	**kit**	**mobile**
wastewater	**contamination**	**disinfection**	**device**	**POU**
	hazard			**point-of-use**

synonyms ← OR →

Plan your literature search

Search queries for the topic:
"Design a portable system for (waste) water purification"

#1: water OR H2O OR wastewater
#2: waste OR pollut* OR contaminat* OR hazard*
#3: purification OR treatment* OR disinfect*
#4: system OR systems OR kit OR kits OR device*
#5: portable OR mobile OR POU OR point-of-use

Aspects combined: #1 AND #2 AND #3 AND #4 AND #5

Full version: (water OR H2O OR wastewater) AND (waste OR pollut* OR contaminat* OR hazard*) AND (purification OR treatment* OR disinfect*) AND (system OR systems OR kit OR kits OR device*) AND (portable OR mobile OR POU OR point-of-use)

Plan your literature search

Results in Scopus

#1: water OR H2O OR wastewater
#2: waste OR pollut* OR contaminat* OR hazard*
#3: purification OR treatment* OR disinfect*
#4: system OR systems OR kit OR kits OR device*
#5: portable OR mobile OR POU OR point-of-use

Aspects combined:
#6: #1 AND #2 AND #3 AND #4 AND #5

Links and literature

Links and Literature

Below you can find links to important resources mentioned in this course as well as other useful links and suggested literature from

Evaluation

Important! We need your feedback to help us make this course even more useful. Please take a few moments to complete the **online evaluation form** and tell us what you think.

Please note: : The evaluation form you find below is the same form you completed using the link at the top of the page. You do **not** have to complete it again!

TUlib
Online reference work of the TU Delft Library.
Includes everything you have learned in this instruction and (much) more.

TU Delft Library website
Access to all library resources and services.

Virtual Knowledge Centres
Selected sources of scientific information for each Bachelor programme.

Discover
Used to search for books, journal articles and more...Can also be accessed from VKC or the TU Delft Library website.

Scopus
Searchable database of journal articles.

Web of Science
Searchable database of journal articles.

Web of Knowledge
Click on tab 'Select a Database to select Web of Science, Current Contents Connect, Derwent Innovation Index, or Journal Citation Reports.

CiteULike
Web-based tool for finding, saving and sharing scientific literature.

EndNote
Information and downloading instructions for the reference manager (for Windows or Macintosh).

Further information

• Blackboard: enroll in course "Information Literacy 3"

• TUlib: online reference work on information literacy

  • http://tulib.library.tudelft.nl

Additional help

• Ask Your Library: mail, chat, phone, information desk

  • http://askyourlibrary.tudelft.nl

  • http://twitter.com/tudelftlibrary

  • http://www.facebook.com/TUDelftLibrary

TUDelft