

# **FOLLOW, SEARCH AND MANAGE LITERATURE/BIBLIOGRAPHY**

7/10/2019 : Oxide group meeting

## **1. How to keep up to date with published papers ?**

Three main possibilities:

- Visit the website of each of your favorite journals periodically (i.e. every week or so)
- Subscribe to journals' email alerts
- Use a rss feed reader (eg Feedly), subscribe to the journal's rss feeds and check it regularly

In addition, subscribe to google scholar alerts (need to register)

Main publishers :

- Nature Publishing Group / Springer (Nature journals, NPJ journals, Sci Rep) UK
- Elsevier (Surface Science, J. Cryst Growth, etc ; 1000's of them) NL
- Wiley (Adv. Materials, etc) US
- American Physical Society (PRL, PRX, PRB, PR Mater, PR Applied, Rev. Mod. Phys, etc) US
- American Institute of Physics (APL, JAP, APL Mater, AIP Advances, etc) US
- Institute of Physics (J. Phys. Condens Matter, New J. Phys, Rep. Prog. Phys, etc) UK
- American Chemical Society (Nano Lett, ACS Nano, ACS Appl. Mater. Int.) US
- AAAS (Science, PNAS, Sci Adv) US

Check also ArXiv.

Credentials for non Open Access journals : use PaperProxy with CNRS and/or University credentials (or Sci Hub)

Open Access journals : Nature Communications, PRX, AIP Advances, New J. Phys

## **2. How to search the literature ?**

Use Web of Science (login with your CNRS Janus credentials)

Use google scholar (register)

Search by keywords, authors, etc

Do reverse search (very useful to look for your competitors ;-)

## **3. How to manage your bibliography ?**

Be very organized and do it yourself ; build a bibtex .bib file (to write papers in latex)

Use a reference manager e.g. Zotero or Mendeley