



# PhD A3 Module : appreciate scientific journals

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# Objectifs

- Finding your way around and collecting evaluation criteria
- Understand the challenges of a specific publishing sector
- Building your career as a future publisher and your career

# Tour de table

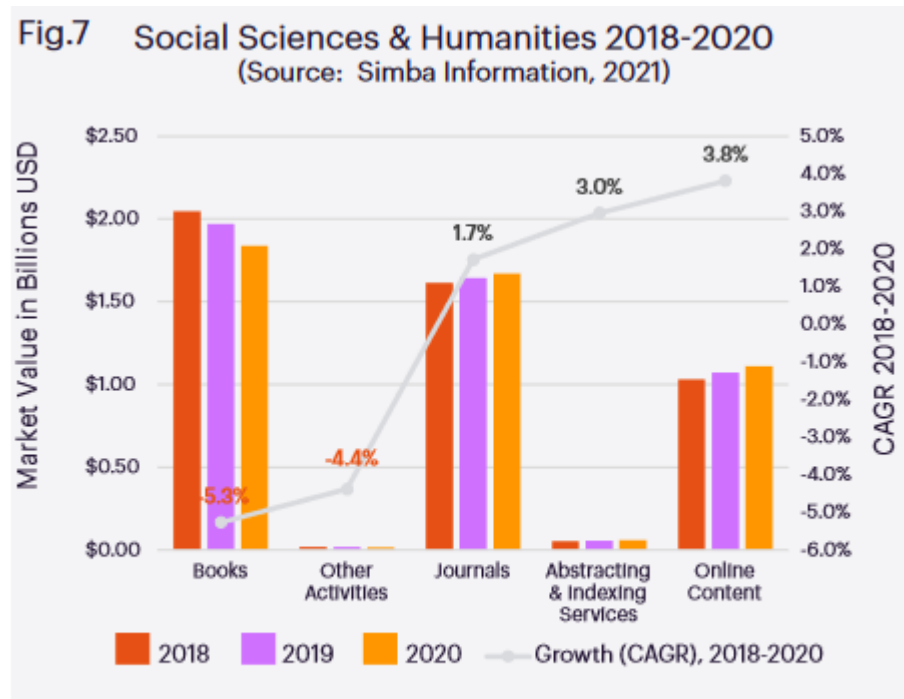
- What discipline?
- Have you published yet?
- Do you know in which journal(s) to publish?
- Scientific Journal Policy: [Open Policy Finder](#)

# What is a scientific journal?

- Brief history
- Dissemination of knowledge to peers but also to a wider audience
- Content
- Target Audience, Publishers, Authors
- Approved Items

# A powerful economic sector

\$25.7 billion: size of the global scientific publishing market in 2018, according to the International Association of Scientific Publishers



Source : STM Association

# The Chain of Publication: > a powerful economic sector

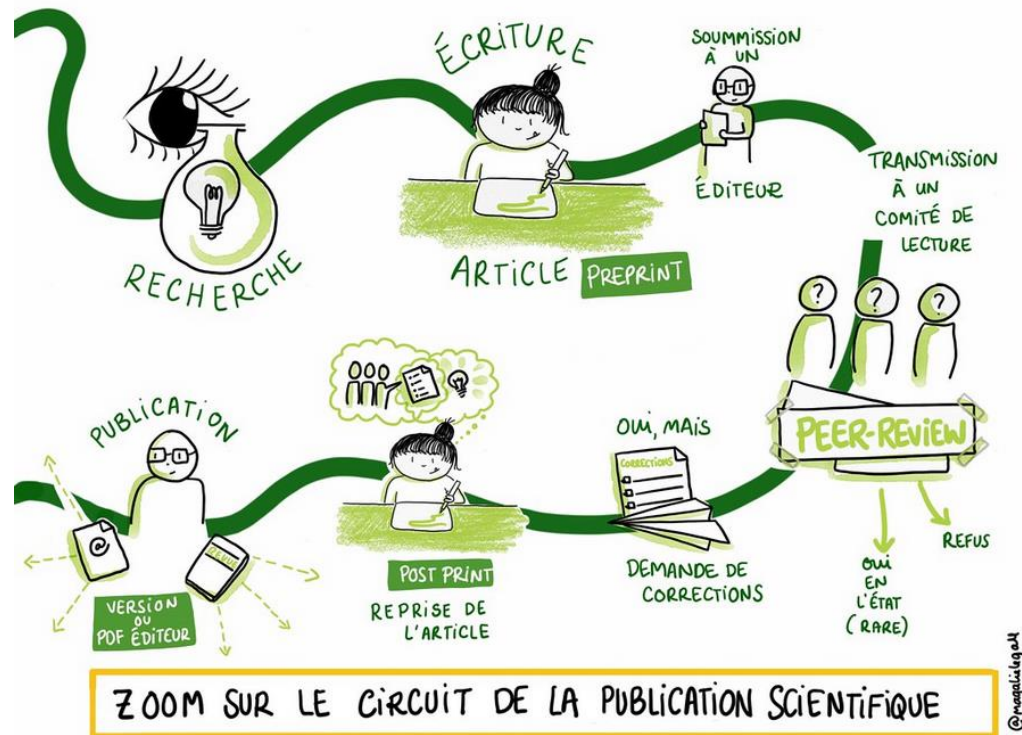
a video to understand exactly 2mn25:

<https://www.youtube.com/watch?v=WnxqoP-c0ZE>

DATA Gueule n°63 « Privés de savoir »

# The Chain of Publication: Rules Essential Editorials

- Rigid and severe validation steps regardless of the medium



# I need to produce an article

## > Formal criteria

- Read the editorial rules of the journal
- What we find: title, keywords, introduction, summary, materials and methods, results, discussion, conclusion
- Bibliography: bibliographic standards according to discipline
- Cover letter attached to the article
- => find all this information on [Coopist](#)

# Synthesis

Scientific journals are:

- produced by researchers and scientists
- intended for an audience of researchers and scientists
- submitted for validation of the method and results by independent peer-reviewed researchers and scientists
- produced at the end of a publication chain that is not very variable WHICH ALLOWS THE VALIDATION OF RESEARCH RESULTS

=> Objectives: Communication / Evaluation

# How to choose a journal to publish?

And you, how would you do it?!

# How to choose a journal to publish?

- Define your target audience
- Easy identification of the journal and publisher
- Selection and validation process
- Awareness of the journal
- Journal Audience/Specialization
- Method of dissemination of the journal
- Rights Management
- Publication Fees

## And concretely...

Leads: by analysing the databases



And among many others (BU resources)

> Complete Business Source

Bibliographic database in economics providing access to the full text of 3,345 journals, including 1,714 academic journals, 17,854 analysis reports by industry, 17,651 company profiles, 40,000 author profile sheets, 852 books, etc.

> ERIC

Bibliographic database in educational sciences

## Monitor calls for contributions

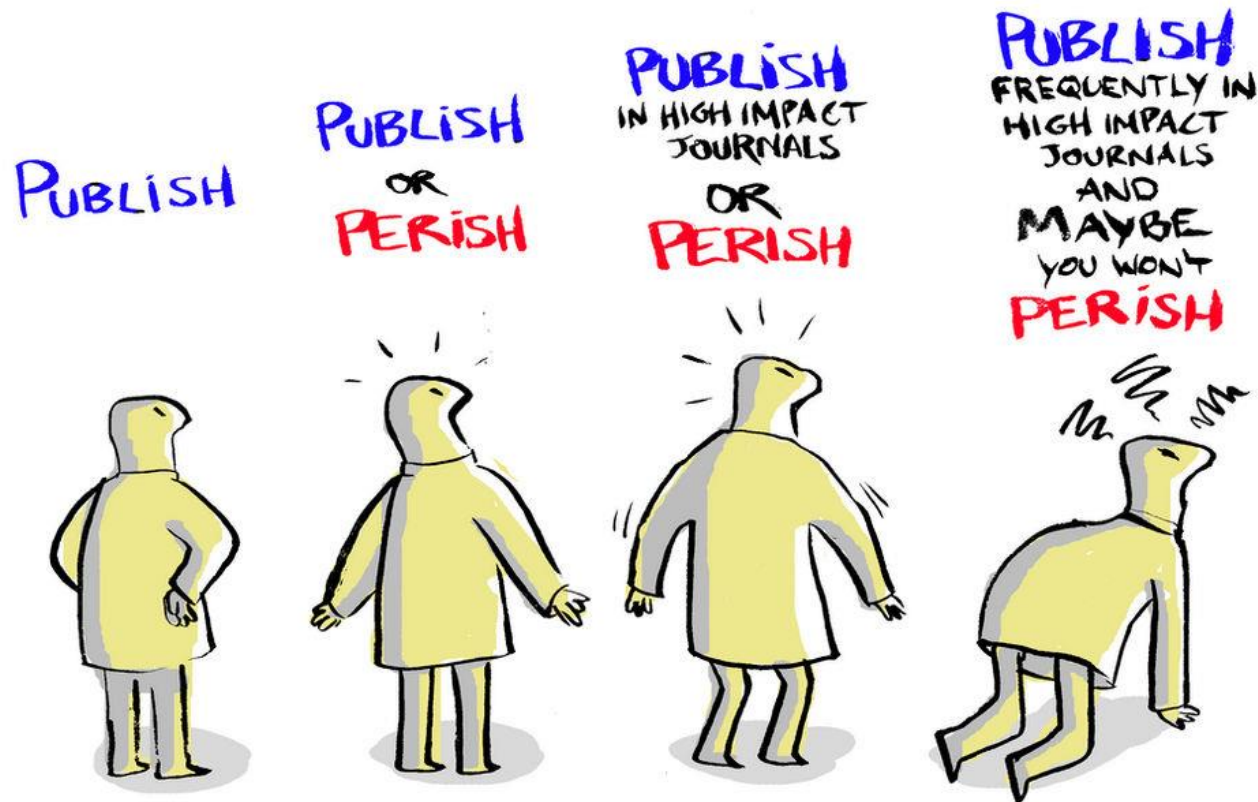
Consult

- the websites of specialized journals/learned societies
- dedicated monitoring tools according to your discipline



# Evaluation of researchers

## THE EVOLUTION OF ACADEMIA



facebook.com/pedromics

# The difficulty of evaluating researchers in the humanities and social sciences

- Disciplinary disparities
- Quantitative versus qualitative
- Scientific production context
- Mandatory nature of the assessment

## Focus on bibliometrics

- Bibliometrics: a scientific discipline, which makes it possible to analyse research activity
- A set of metric tools that make it possible to quantify and qualify the scope of research in a field, a university, by a lab, of the production of a particular researcher
- The Impact Factor and the Impact Indicators of a Review



Scopus<sup>®</sup>

InCites<sup>™</sup> Journal Citation Reports<sup>®</sup>

Google  
Scholar

**But also: Altmetric, academia.edu...**

# Open access: researchers strike back

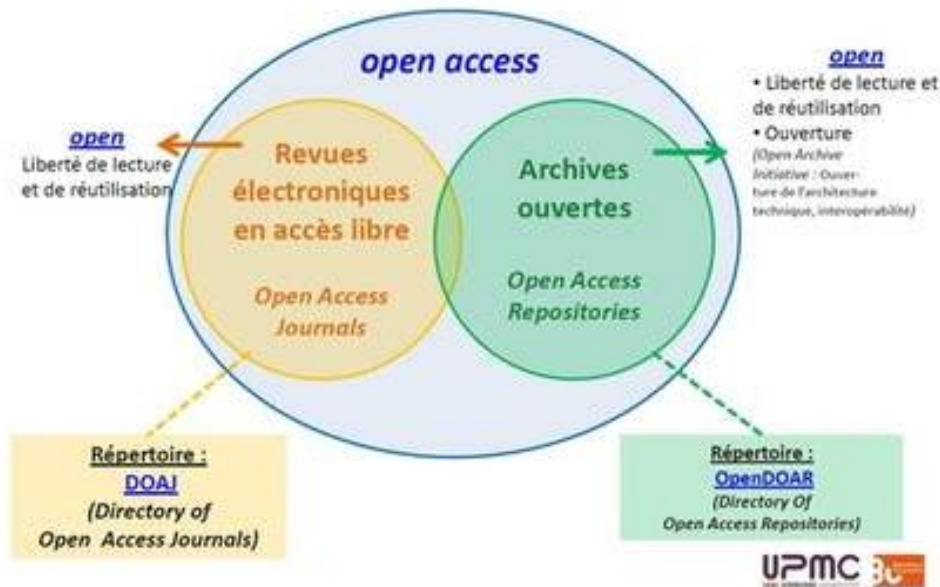
- Definition
- [Brief history](#)
- Key dates
- Benefits



# Publishing in Open Access: choosing your path



## Les 2 voies de l'open access



# Publishing in Open Access: the green way



# Publishing in Open Access: the golden path



# Publishing in Open Access: the golden path



- Cost of APCs: Couperin survey

Données APC recueillies (dernière mise à jour le 30/03/2026)

Année	Nb d'établissements *	Nb total d'articles OA avec APC	Dépense APC totale	Dépense APC moyenne par article
2015	29	2089	3,26M€	1563€
2017	86	3469	5,98M€	1725€
2018	74	3545	6,14M€	1734€
2019**	77	2662	4,78M€	1794€
2020	81	5035	9,49M€	1885€
2021	92	6226	12,00M€	1928€
2022	82	6238	13,09M€	2099€
2023	86	5646	13,22M€	2343€
2024	97	4504	11,71M€	2600€

\*Nombre d'établissements ayant enregistré au moins une dépense en APC au cours de l'année d'enquête considérée.

\*\* Données n'incluant pas les données du CNRS.

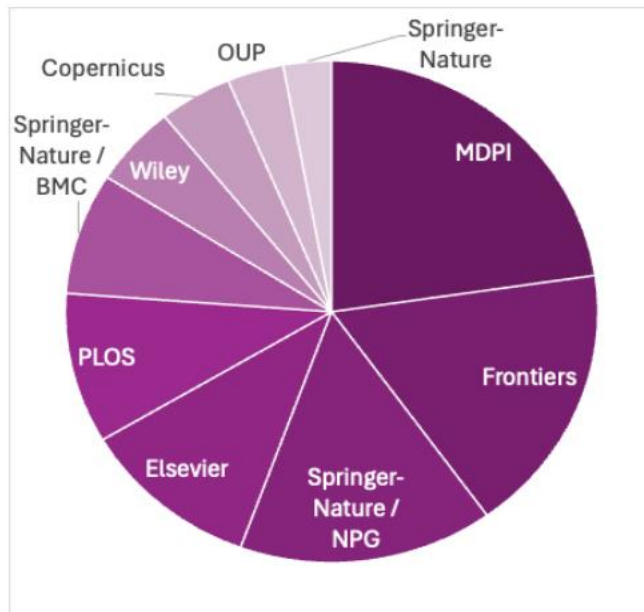
L'année 2015, quant à elle, est à distinguer des autres années dans la mesure où le périmètre des établissements interrogés était encore restreint à un échantillon d'établissements.



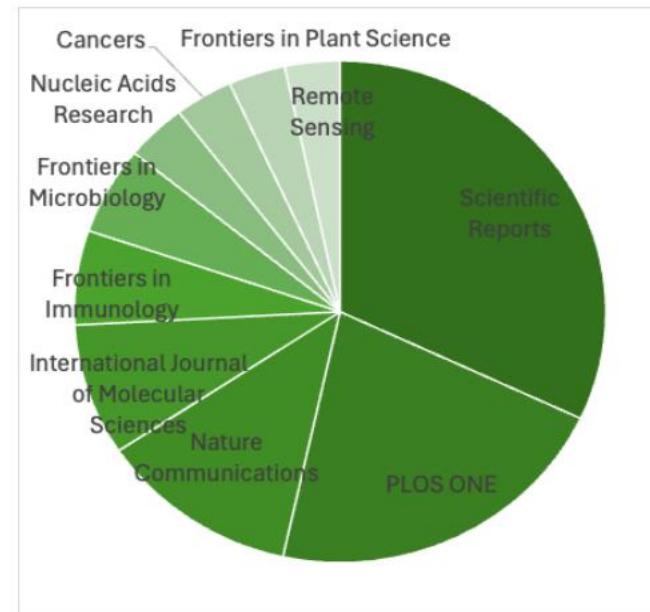
# Publier en Open Access : voie dorée

- From which publishers? : Couperin 2024 survey

10 premiers éditeurs et 10 premières revues (nombre d'articles OA) toutes années et tous établissements confondus



Nombre total d'éditeurs : 356



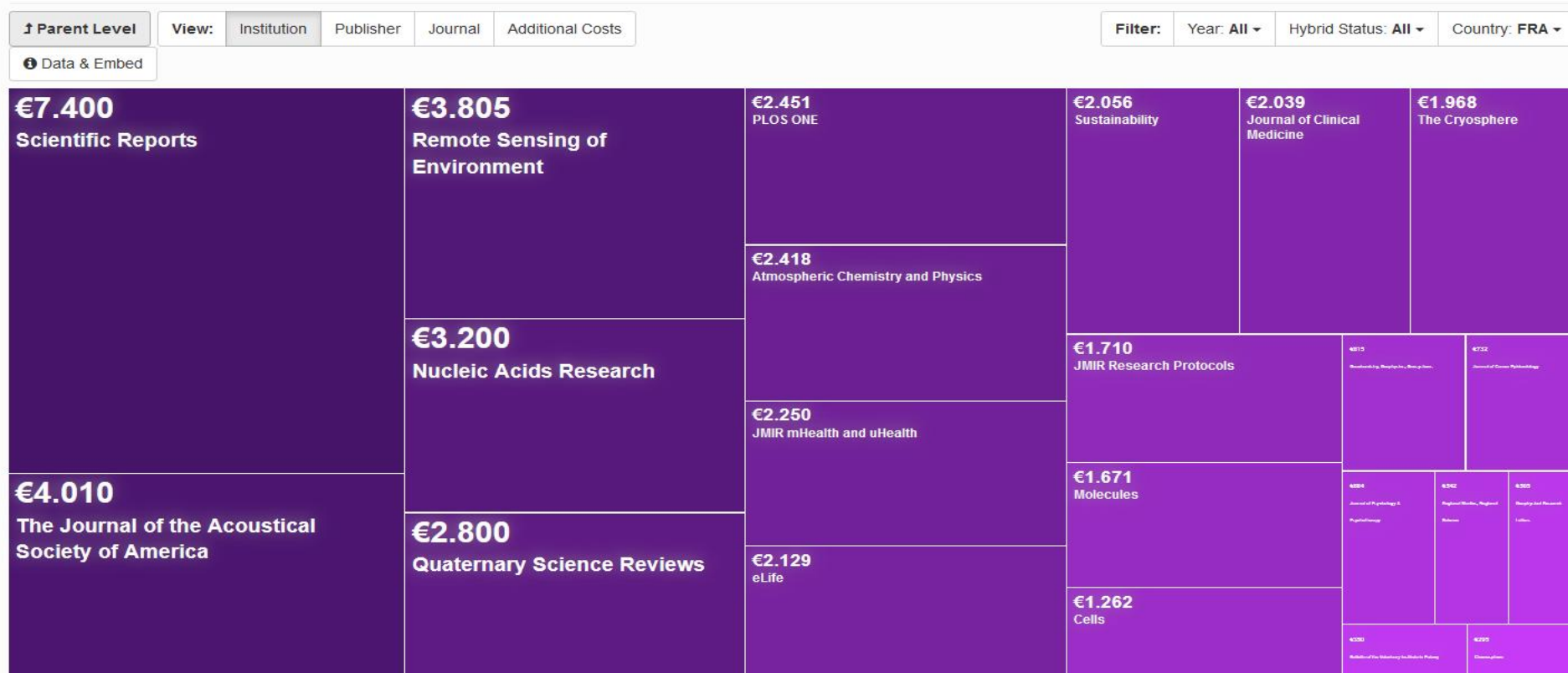
Nombre total de revues : 3043

# Publishing in Open Access: the golden path



## APC UGA expenses : Open APC

### OPENAPC



Source :

<https://treemaps.openapc.net/apcdata/openapc/#/Universit%C3%A9%20Grenoble%20Alpes/period=&country=FRA>



## Publishing in Open Access: remain vigilant

Journals that exploit the author-pays model:

[predatory journals](#)

Remember to consult :

<https://thinkchecksubmit.org/>

To test the reviews via the site:

<https://app.lib.uliege.be/compass-to-publish/>

And to call on librarians:

[Open Science Passport: a practical guide for doctoral students](#)

At the local level :



## Resources

- Upcoming BU training courses: BU website / Training section –
- ADUM for registration for specific doctoral student training
- [URFIST LYON](#)
- [Couperin Science ouverte](#)