

SCIENTIFIC WRITING

PASCALE SOLON | UNIVERSITY LIBRARY | 2026-01-26



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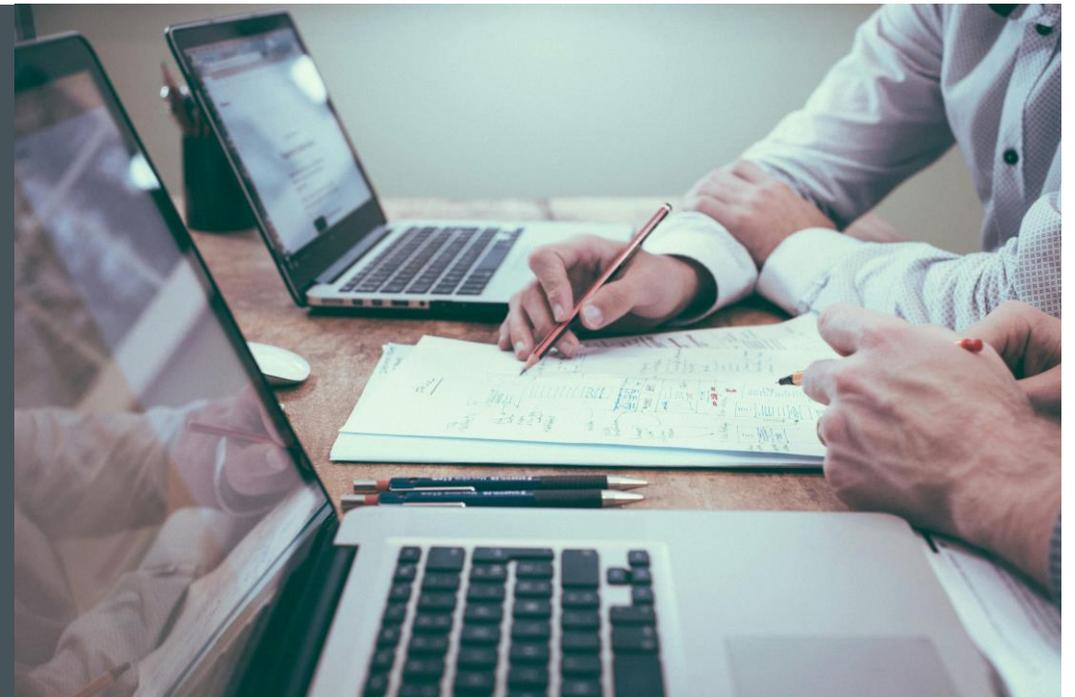


Photo de [Scott Graham](#) sur [Unsplash](#)

ACCESSING SCIENTIFIC PUBLICATIONS

The screenshot shows the top navigation bar of the University of Orleans website. On the left is the logo for 'Université d'Orléans' with the tagline 'Source de talents, depuis 1306' and 'MEMBER OF ATHENA EUROPEAN UNIVERSITY'. In the center is a search bar with the text 'Recherche sur ce site' and a magnifying glass icon. On the right is an 'Accessibilité' menu with options for 'Accès direct' and 'FR'. Below the navigation bar is a dark blue banner for 'e-ANATOMY'. The banner features a 'NEW' badge, an illustration of a hand with anatomical markers, and the text: 'Découvrez e-Anatomy, un atlas d'anatomie et d'imagerie médicale. Accédez à plus de 8 900 structures anatomiques et plus de 23 000 images présentant des séries d'exams d'imagerie médicale (TDM, IRM, et TEP)'. At the bottom of the banner, it says 'Accessible en ligne, mais existe e-Anatomy, un atlas d'anatomie et d'imagerie médicale'.



<https://clickandread.inist.fr/>

A dark blue search box with the text 'CHERCHER dans le catalogue des livres, des revues, des bases de données, des thèses.' and a magnifying glass icon. Below this is a section titled 'Votre recherche' with a text input field containing 'un livre, une revue, une ressource numérique...', a dropdown menu set to 'Toutes les bibliothèques', and a 'Chercher' button.

A dark blue menu titled 'EXPLORER la documentation numérique' with a list icon. It contains three items: 'Liste des ressources numériques', 'Tous les guides par discipline', and 'Rechercher une revue numérique'.

<https://www.univ-orleans.fr/scd>

PREPRINTS

- **Preprints** are **preliminary versions**, or manuscript versions, of scholarly works – especially journal articles – that are made available to the (professional) public. As a rule, they are **non-peer-reviewed versions** whose public release primarily serves to **expedite the sharing of research findings**. Preprints are made **freely available** to the public **on preprint servers**, thereby also making an important contribution to green open access.

<https://open-access.network/en/information/publishing/preprints>

Preprint servers :

[arXiv](#),
[bioRxiv](#) ([biology](#)),
[SocArXiv](#) ([social sciences](#)),
[EarthArXiv](#) ([geosciences](#)),
[medRxiv](#) ([medicine](#)),
[ChemRxiv](#) ([chemistry](#)).

Generic open access repositories :

[Zenodo](#),
[HAL](#)

REFERENCING PREPRINTS IN A JOURNAL ARTICLE

- Mark preprints clearly. (Check the author instructions regarding referencing)
- When a preprint has become available as a peer-reviewed publication : use the formal publication as a reference.

Preprint servers (for example, ChemRxiv, arXiv)

ChemRxiv & bioRxiv: The citation should include the author(s), the name of the preprint server, the year, the word “preprint” and the DOI (including version number).

S. Bhattacharjee, S. P. Chaudhary and S. Bhattacharyya, ChemRxiv, 2019, preprint, DOI: 10.26434/chemrxiv.9794270.v1

arXiv: The citation should include the author(s), the name of the preprint server, the year, the article number and the DOI.

D. Carrascal, L. Fernandez and J. Ferrer, arXiv, 2009, preprint, arXiv:0904.1138, <https://doi.org/10.48550/arXiv.0904.1138>

<https://www.rsc.org/publishing/publish-with-us/publish-a-journal-article/chemical-science>

A WIND OF CHANGE...

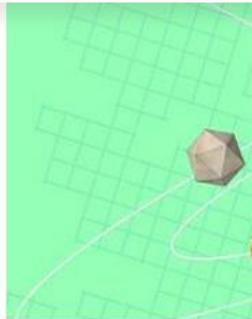
UNIVERSITY



Nos recherches

Nos innovations

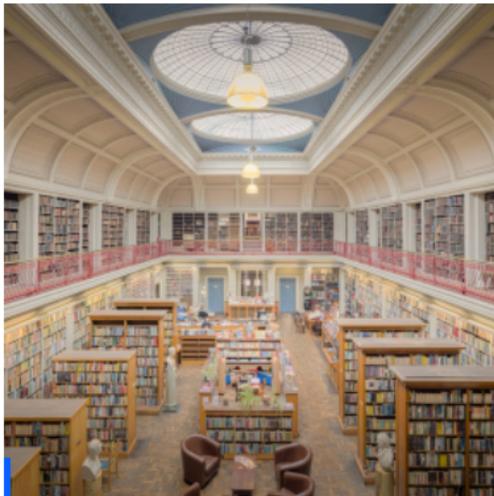
Nos défis



Open Science

Sorbonne University Science

Sorbonne University science for many years to discontinue its subscription to bibliometric tools in 2026, it is opening the way



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Accueil > Actualité

Le CNRS s'émancipe du Web of Science

01 décembre 2025

INSTITUTIONNEL

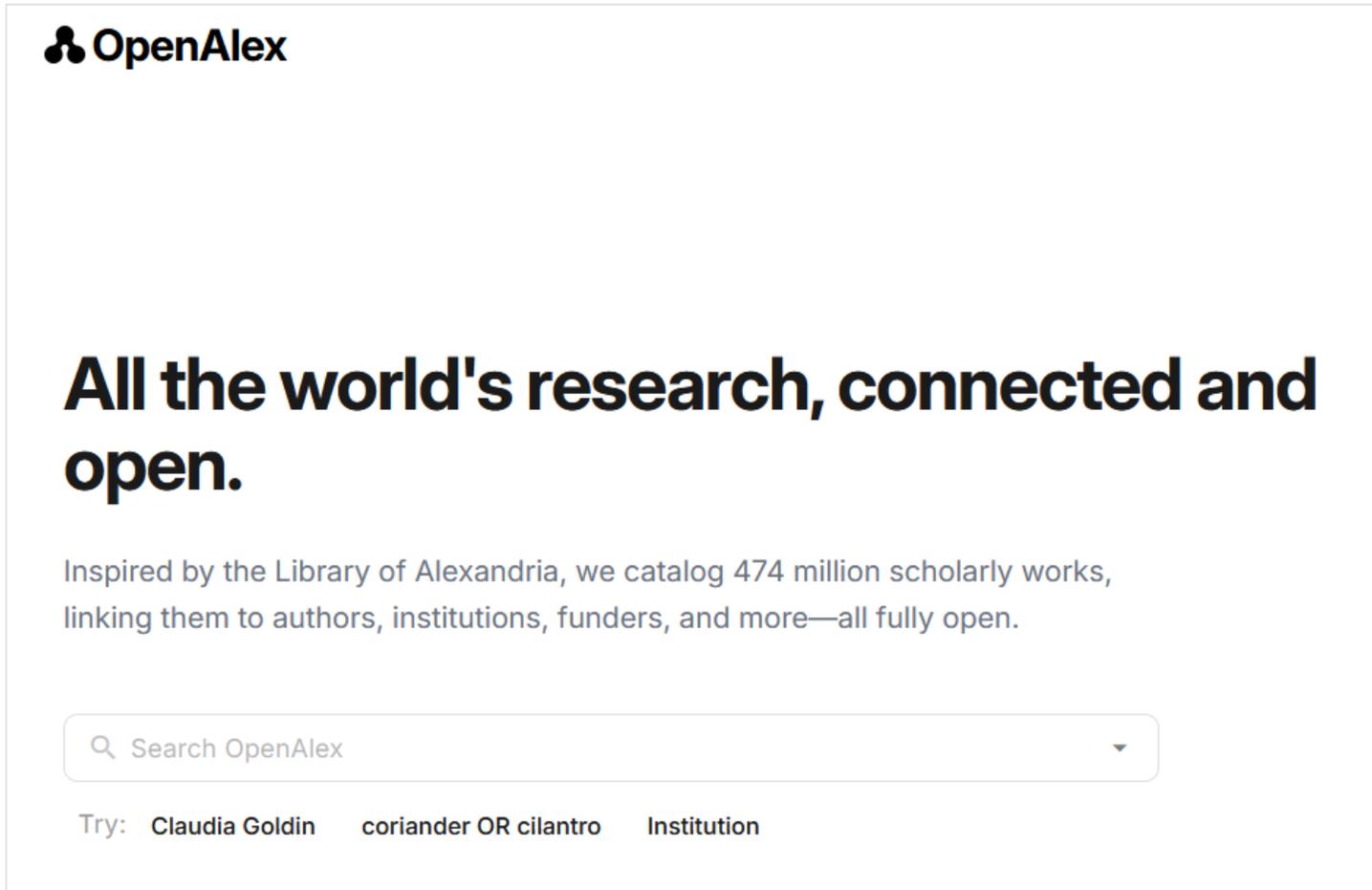
À partir du 1^{er} janvier 2026, le CNRS coupera l'accès à l'une des plus importantes bases bibliométriques commerciales : le *Web of Science* de Clarivate Analytics, ainsi que les *Core Collection* et *Journal Citation Reports*.



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AN ALTERNATIVE TO PROPRIETARY DATABASES ?

A screenshot of the OpenAlex website homepage. At the top left is the OpenAlex logo, which consists of three stylized human figures in a circle followed by the text "OpenAlex". Below the logo is the main heading "All the world's research, connected and open." in a large, bold, black font. Underneath the heading is a paragraph of text: "Inspired by the Library of Alexandria, we catalog 474 million scholarly works, linking them to authors, institutions, funders, and more—all fully open." Below this text is a search bar with a magnifying glass icon on the left and a dropdown arrow on the right. The search bar contains the text "Search OpenAlex". Below the search bar, there is a "Try:" label followed by several search suggestions: "Claudia Goldin", "coriander OR cilantro", and "Institution".

 OpenAlex

All the world's research, connected and open.

Inspired by the Library of Alexandria, we catalog 474 million scholarly works, linking them to authors, institutions, funders, and more—all fully open.

Try: Claudia Goldin coriander OR cilantro Institution

<https://openalex.org/>

BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



Commitment 1

We will make openness
the default for the
research information
we use and produce

BARCELONA DECLARATION ON OPEN RESEARCH INFORMATION



“ Sorbonne University has strongly supported the move toward open science for many years and the implementation of open research practices and principles in all their dimensions within its community. Beyond its benefits for researchers and research institutions, this next step towards open research information is also a civic engagement for a more open, responsible and trustworthy university.”

Nathalie Drach-Temam

President, Sorbonne University

<https://barcelona-declaration.org/>

AI TOOLS FOR LITERATURE SEARCH

When using these tools for research, keep in mind the following:

- Each AI tool has a different knowledge base and the contents of these knowledge bases are generally not disclosed.
- In addition, AI tool providers often do not disclose if they derive their content from fee-based, subject-specific databases. Therefore, if you use AI tools for a literature search, we recommend that you also use library databases.
- Many AI tools do not include French-language sources. Therefore, French-language research content is not well represented in most AI tools.
- The sources are not vetted. Therefore, you should check these sources for accuracy and determine if they are appropriate for use as citable content.
- Many AI tool providers limit the functionality of their free AI applications. In order to gain access to their AI tools with full functionality, these providers generally require you to purchase credits or a subscription.
- The data privacy policies of most AI tool providers are generally not transparent. In addition, AI tool providers may not abide by EU data privacy policies as their servers are often outside of the EU.

LITERATURE REVIEW WITH AI



Discover

Use AI in conjunction with your database search

Use AI to get initial suggestions for researchers and papers to investigate

Use AI to get oriented in unfamiliar research areas

Use AI to expand search terms



Verify

Independently verify sources and ensure citations and claims are accurate

Ask yourself if your search shows potential bias toward dominant perspectives



Analyze

Read papers thoroughly to understand methodology and findings

Use AI to support identification of patterns or gaps across sources

Develop your own critical analysis and interpretation



Incorporate

Use AI to help organize themes from literature

Use AI to assess how well your literature review supports your arguments

Use AI for editing support and content polishing

If using AI to support drafting or editing, ensure your scholarly voice and analysis come through

<https://www.wiley.com/en-fr/publish/article/ai-guidelines/#litreview>

LITERATURE REVIEW WITH AI



How can I maintain literature review quality when using AI?

To maintain literature review quality when using AI, ensure that your work demonstrates authentic engagement with sources, accurate citations, and genuine scholarly analysis. Be mindful of these editorial standards and expectations:

- Read relevant primary sources yourself rather than relying solely on AI summaries for papers critical to your work
- Develop and present original analysis that demonstrates your scholarly engagement, with AI supporting rather than replacing your critical thinking
- Ensure all citations directly support the specific claims you're making in your manuscript
- Verify that every citation corresponds to an actual, accessible publication
- Confirm that cited sources make the arguments you attribute to them

Literature reviews serve a vital function in advancing knowledge by providing authentic scholarly synthesis and analysis. When your literature review demonstrates genuine engagement with sources and original critical thinking, it contributes meaningfully to the scholarly conversation and helps guide future research in productive directions.

To maintain engagement with established literature while using AI, ask yourself: "Am I still reading papers thoroughly? Do I understand the methodology and findings well enough to discuss them critically? Could I defend my interpretation of this literature in a scholarly discussion?" These questions help ensure you're using AI to enhance rather than replace your scholarly engagement.