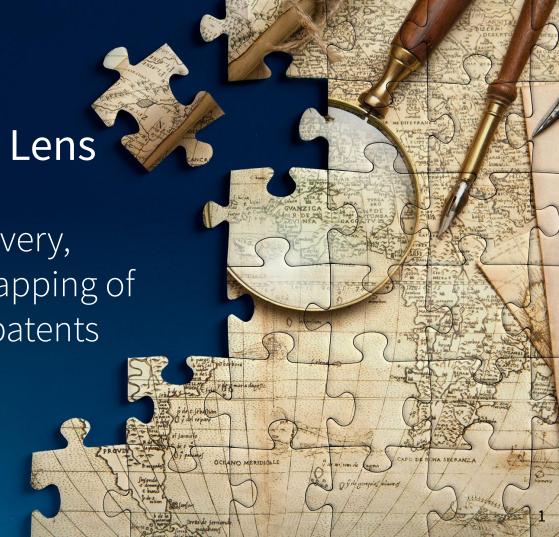


Introduction to The Lens

An open facility for discovery, analysis, metrics and mapping of scholarly literature and patents

May 2021



BACKGROUND

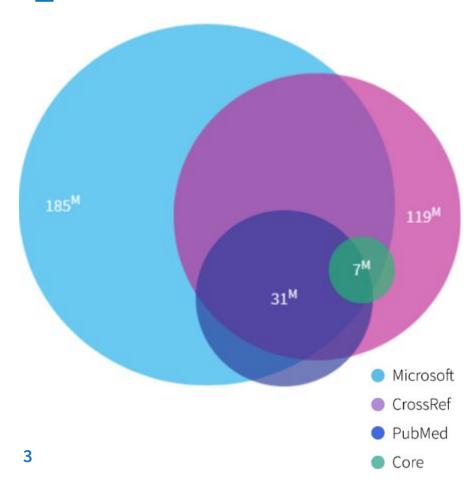
The Lens and Cambia

- Cambia, founded in 1991, started Patent Lens in 2001, the precursor of <u>lens.org</u>, the world's first free and open full text patent search capability.
- In 2006, launched the world's first public patent sequence search capability for United States patent applications.
- Since 2013, Lens.org has served the world most comprehensive public Patent Sequence platform to navigate biological patents from over 17 jurisdictions.

- In 2011, with seed money from USPTO, Cambia began extracting and resolving non-patent literature strings in collaboration with NIH-NCBI and Crossref.
- By 2014, Cambia linked non-patent literature to patents and began serving the data, created <u>PatCite</u> and <u>In4M</u> metric to map influence of research on industry and foster meaningful partnerships.
- Lens ensure privacy and confidentiality and its data is fully open, shareable and reusable.
- The platform has been up 24/7 for over 20 years.







FEBRUARY 2021

Lens Scholarly Data

227.7M scholarly works records:

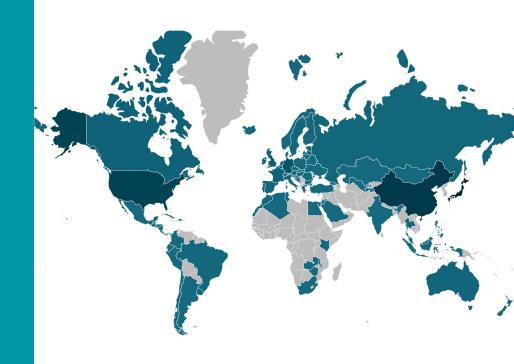
- 115.5M journal articles
- 21.4M Books and book chapters
- 7.3M conference proceedings
- 4.3M works cited in patents
- 76.8M works cited by other scholarly works
- 1.7B scholarly citations

FEBRUARY 2021

Lens Patent Data

128.7 Million Patent Records:

- 105 jurisdictions
- 70.9M patent families
- 741k biological patents
- 371.1M patent sequences



Our Special Sauce

Linkages between data silos

128M Patent Records

71M Patent Families

16M Applicants

1.6M Owners

228M Scholarly Works

33M Authors

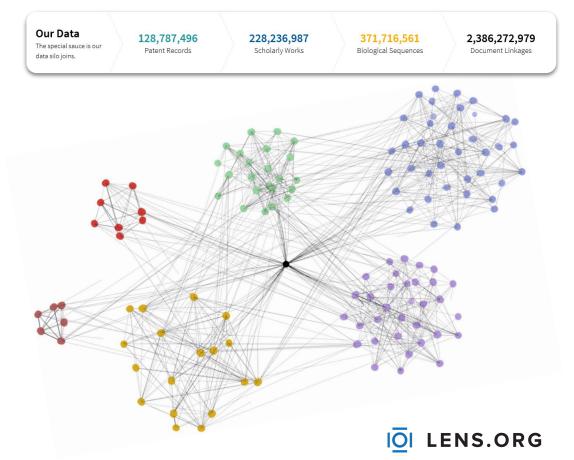
19k Research Organizations

4.4M Works cited in patents

1.6B Scholarly citations

371M Bio Sequences

2.4B Document Linkages

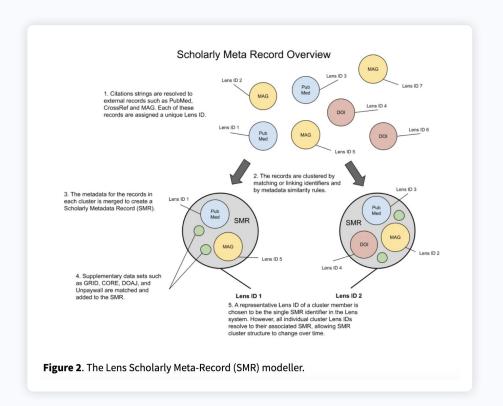


THE LENS

Meta Record Strategy

Lens use a "Meta Record" concept as a core element of our facility. We use a 15 digit open and persistent identifier, LensID, to expose credible variants, sources and context of knowledge artifacts, such as scholarly works or patents, while maintaining provenance, and allowing aggregation, normalization, and quality-control of diverse metadata.

https://osf.io/preprints/lissa/t56yh/



CURRENT OFFERINGS

Discovery, Analytics, And Management Tools

API & Data Facility:

Scholarly API, PatSeq bulk data, Patent API

Reports:

Assemble your saved queries and collections with other knowledge in a dynamic and interactive report*

Collections:

based on Scholarly Works and Patents Lens searches and analyses.

In4M:

International Industry & Innovation Influence Mapping



LENS PROFILES BETA

Introducing Lens Profiles

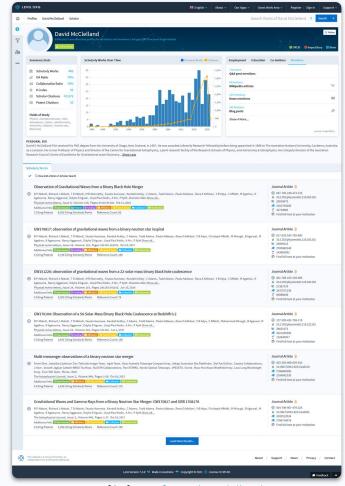
Unique to open data, Lens Profiles are auto-generated author and inventor profiles based on public ORCID records.

Compiled from publicly available data sources using the ORCID iD as the linking identifier.

Lens Profiles can be used to update your ORCID record with scholarly works or patents from the Lens in just a few steps.

EiFL ORCID seminar:

https://www.eifl.net/resources/eifl-webinar-how-train-st udents-and-researchers-topic-researcher-identifiers-and--orcid



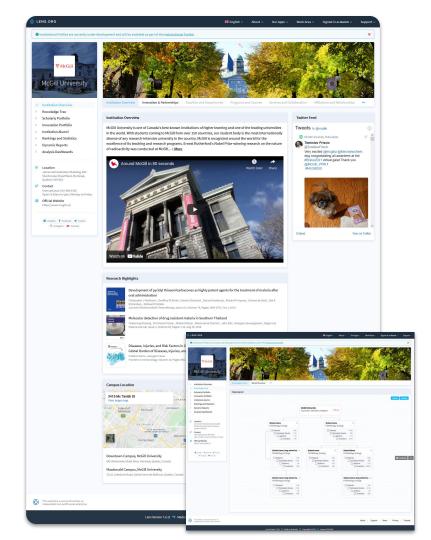


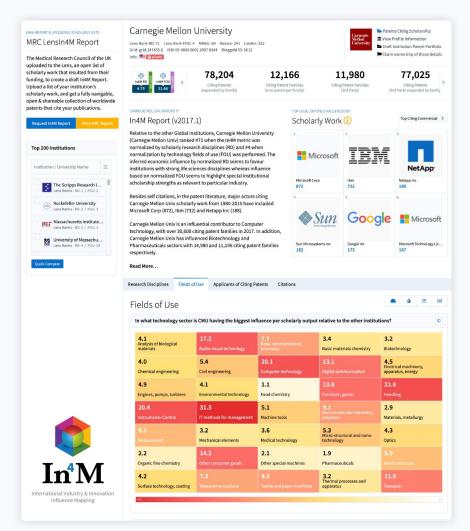
INSTITUTIONAL PROFILES

Profiles for Institutions: Showcasing Capabilities

Precision Partnering: a unique feature of open data from The Lens.

Showcase the capabilities of your organization on a FAIR, dynamic, open and transparent platform.





In4M

International Industry & Innovation Influence Mapping

An open, transparent and granular tool to explore, expose and showcase the degree to which research works, scholars' work product, or whole institution's capabilities influence outcomes for society, in myriad forms.



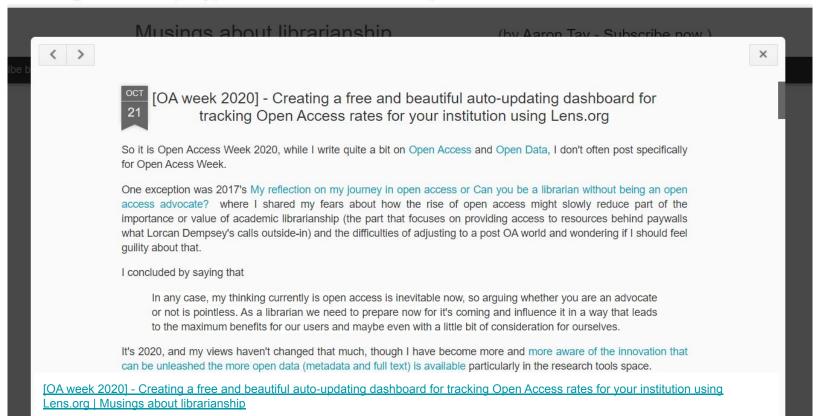


To learn more, watch Richard Jefferson, founder of The Lens, at the Skoll World Forum for Social Entrepreneurship: https://www.youtube.com/watch?v=of8ai1HhgK4

Check out support for tips for using Lens.org: https://support.lens.org/

Musings about Librarianship: Open Access analysis

ure | musingsaboutlibrarianship.blogspot.com/2020/10/oa-week-2020-creating-free-and.html



Company Analysis: Sasol, South Africa

Patent Portfolio: https://www.lens.org/lens/dashboard/3486

Scholarly research Output: https://www.lens.org/lens/dashboard/3491