Open Science Lens

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October 2023

OSL @ OpenAIRE Webinar

Open Science Lens

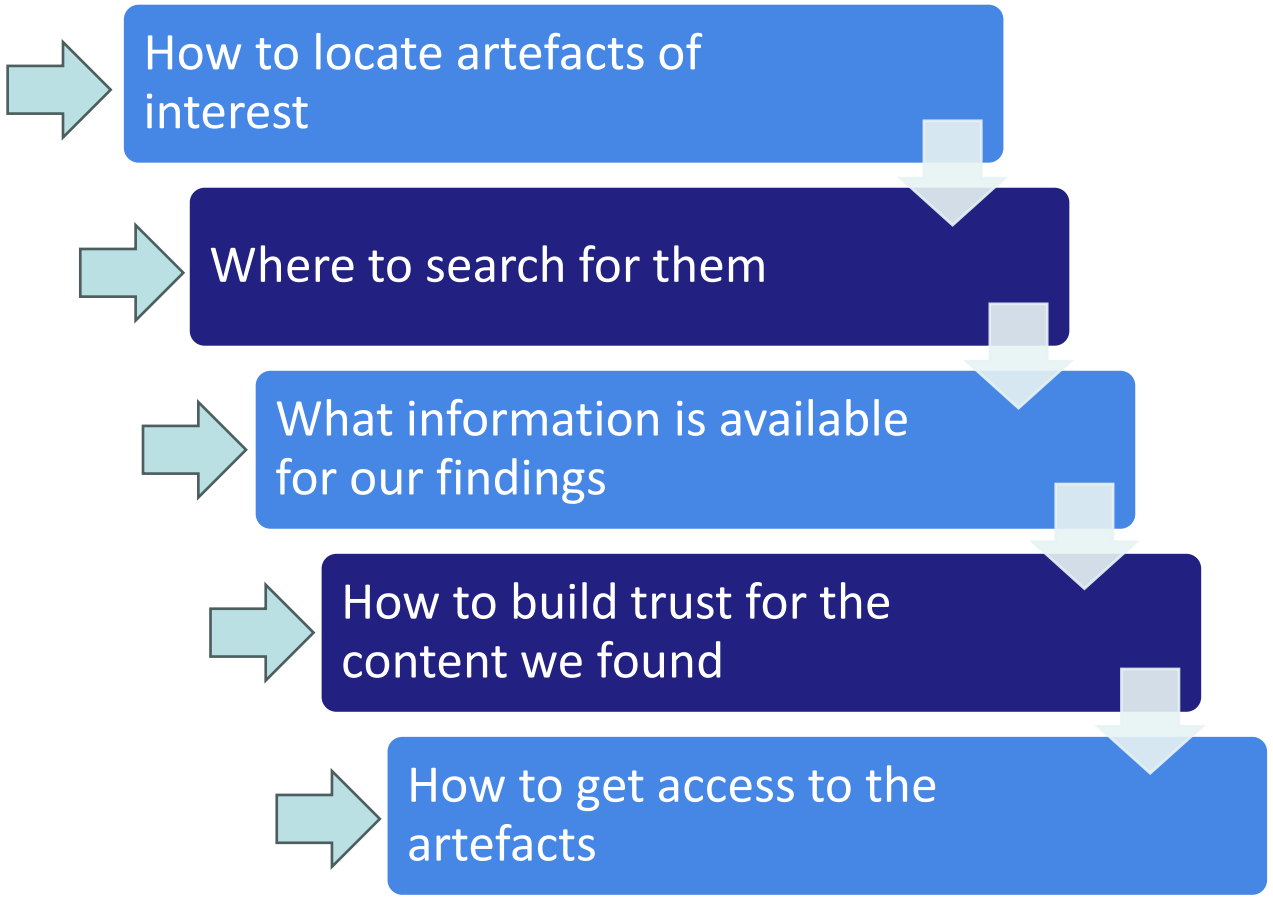
OpenAIRE Webinar

Empowering **Open Science** and bringing information residing on **OpenAIRE** data infrastructure **at reach** of **scientists and citizens**

Open Science Lens

Setting the stage

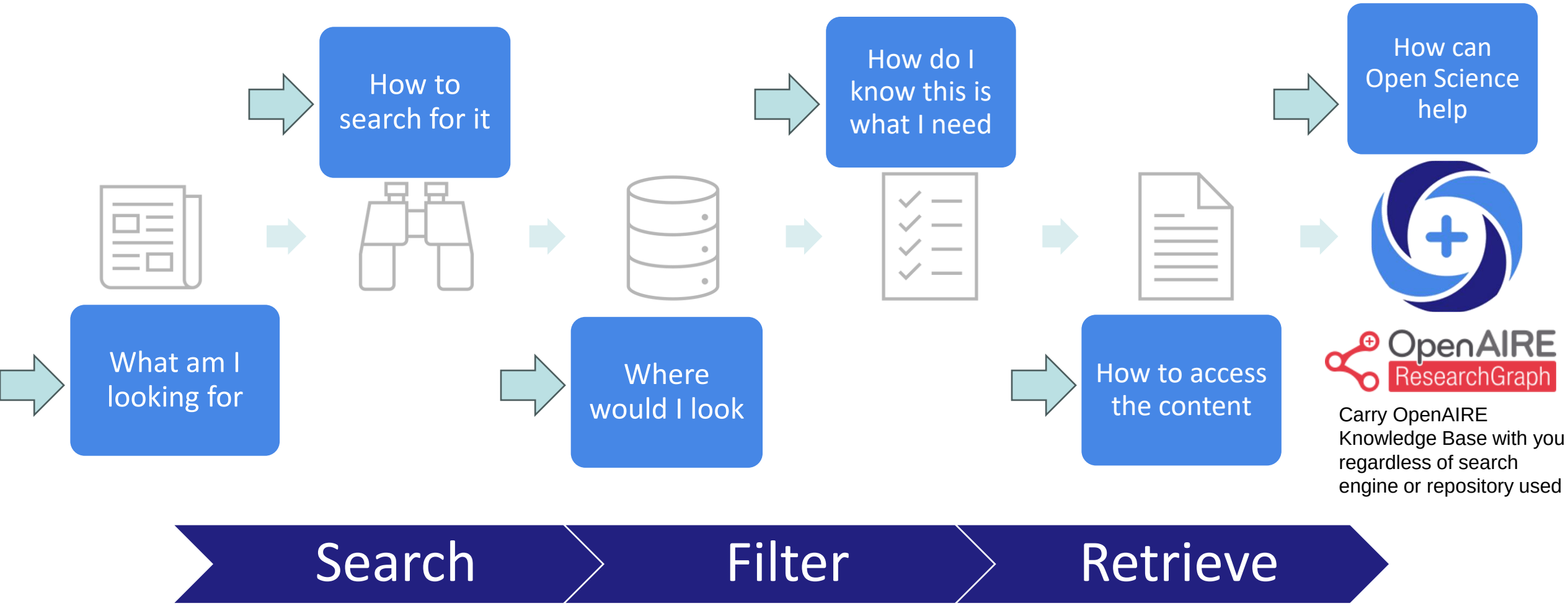
Process of discovery and access



- Bring **Open Science** closer to the **Researcher**
  - Open Science Lens to **locate and explore** information of relevance to Open Science while navigating the web
- Tapping into the **OpenAIRE EXPLORE** data source while browsing

Open Science Lens

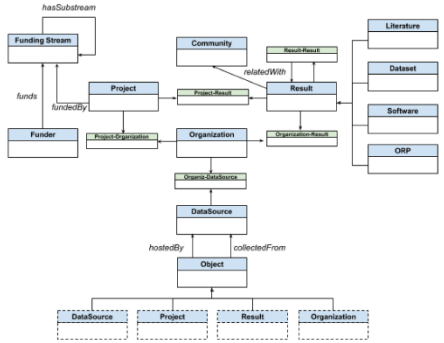
Discovering & Accessing research products

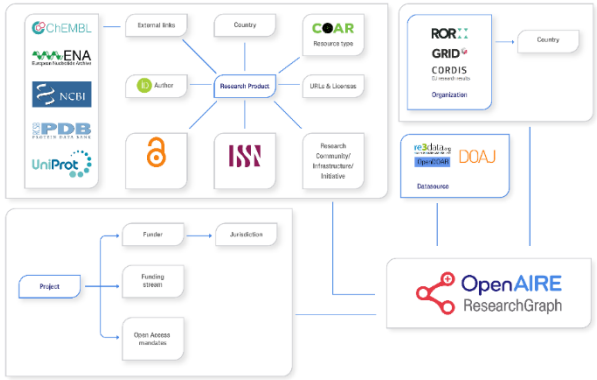


In comes OpenAIRE Research Graph

Open Science Lens

https://zenodo.org/record/2643199#.X5FwbmgzYYp





OpenAIRE

OpenAIRE ResearchGraph

179M PUBLICATIONS

3M PROJECTS

59M RESEARCH DATA

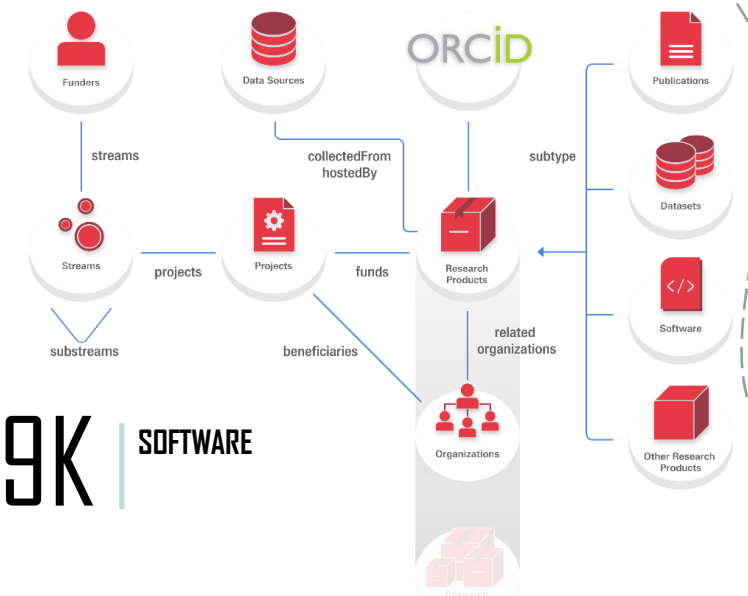
7M RESEARCH PRODUCTS

26 FUNDERS

129K DATA SOURCES

379K SOFTWARE

https://graph.openaire.eu/

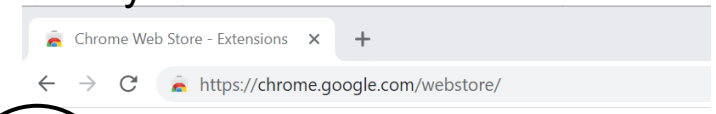


- Open & Authoritative sources
- Over 248 million artefacts
  - Aggregated
  - Curated
  - Disambiguated
  - Linked
  - Modeled
- Publicly available

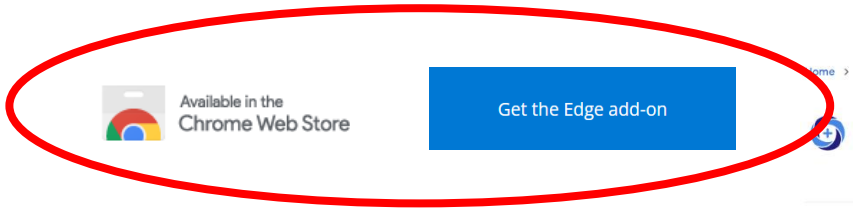
Open Science Lens

How to get it

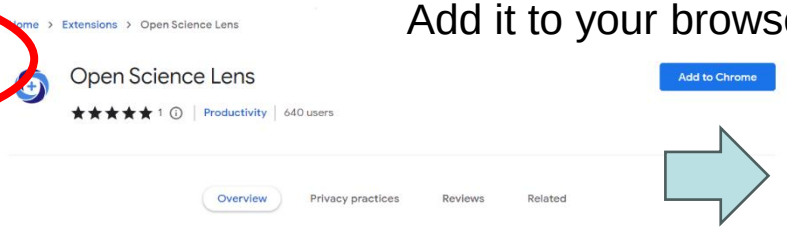
Go to your browser's store



1



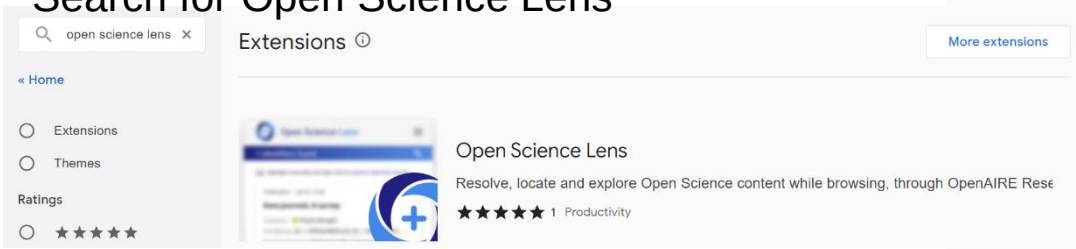
Add it to your browser

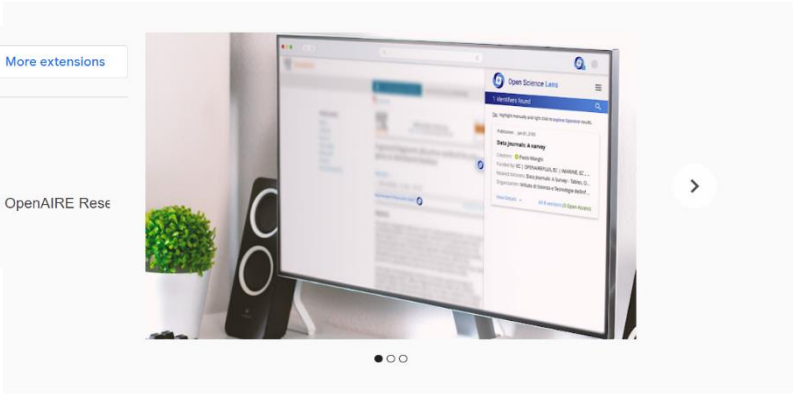


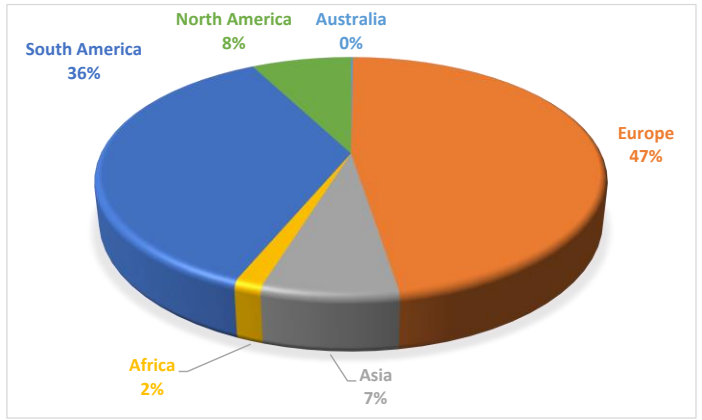
3

2

Search for Open Science Lens







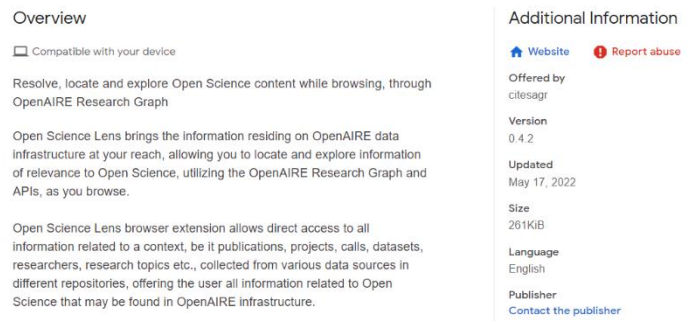
Chrome & Edge Store statistics for 2023-10-03

1064 UNIQUE **DOWNLOADS**

844 ACTIVE **USERS**

106 90 day - AVG DAILY **IMPRESSIONS**

98 USER **COUNTRIES**



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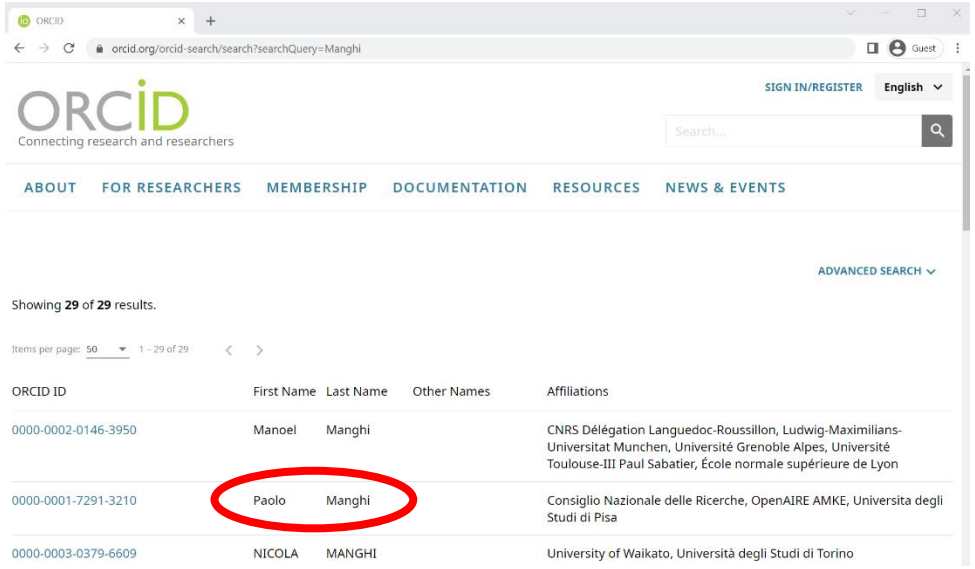
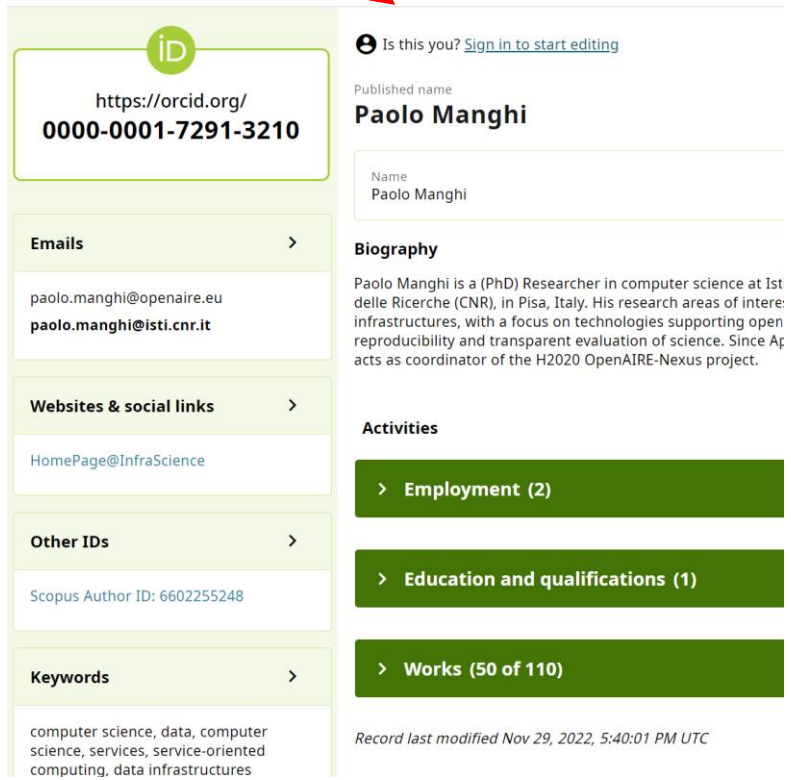
Use cases – Author Identification

- A name, most of the times, is not enough
- Author persistent identifiers is not always available while searching
- Given the Research Artefact context, we can retrieve ORCIDs, where available





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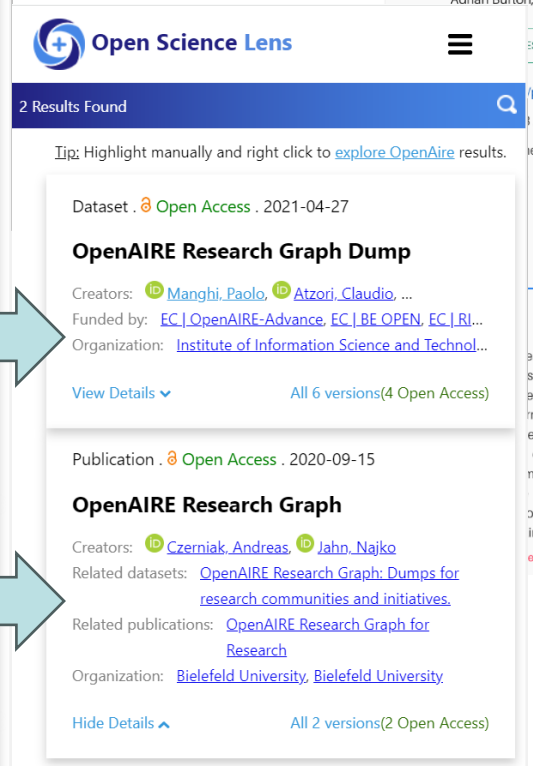
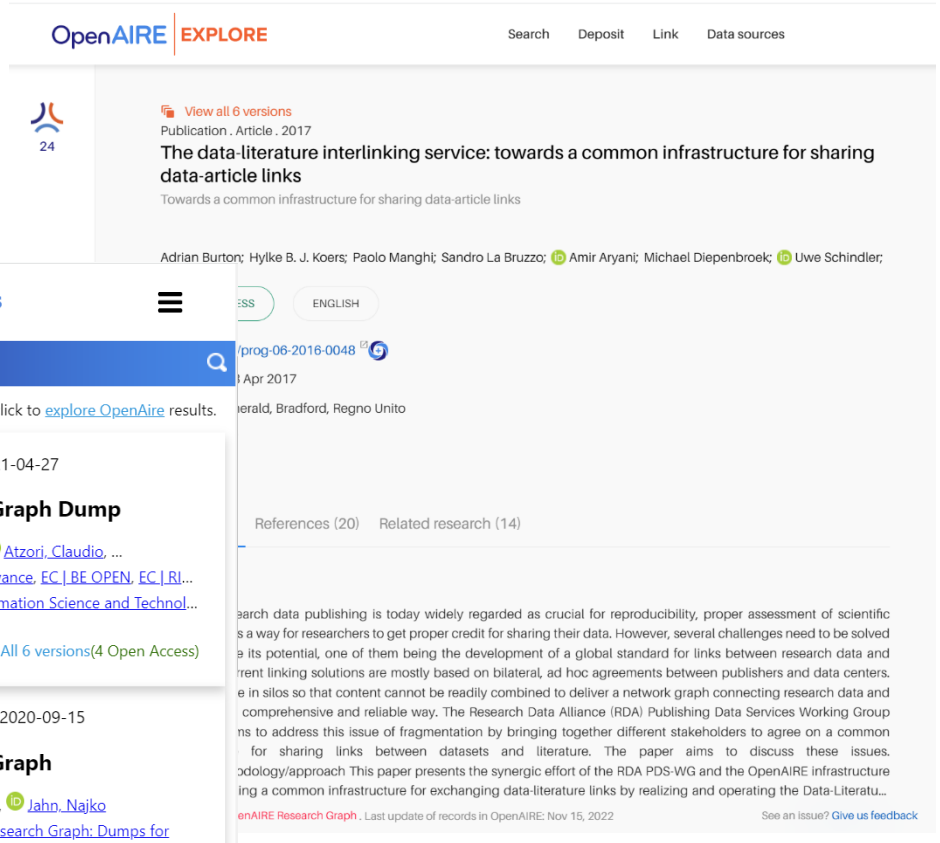
Use cases – Related Work

- First findings may only be the starting point
- Linked / related work & Datasets may be as / more interesting
  - Datasets supporting publications
  - Publications related to publications
  - …
- Direct access to related artefacts can expand the reach of our search





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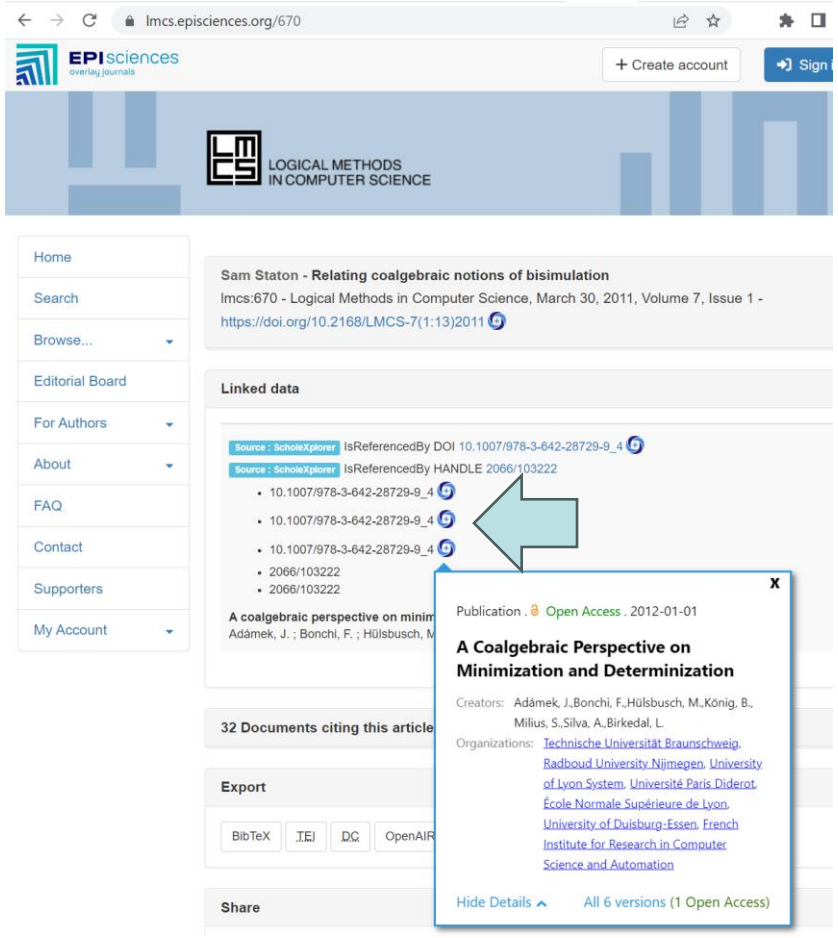
Use cases – Citations



- Browsing the main artefact is often half the information
- Citations and linked data may be just as interesting

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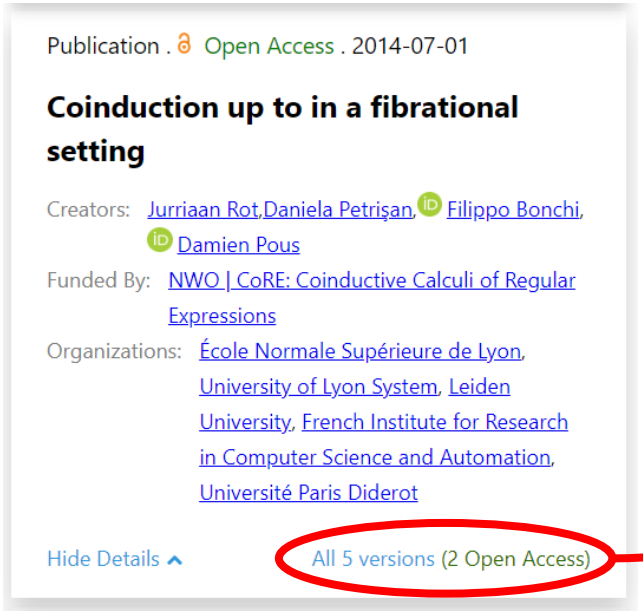
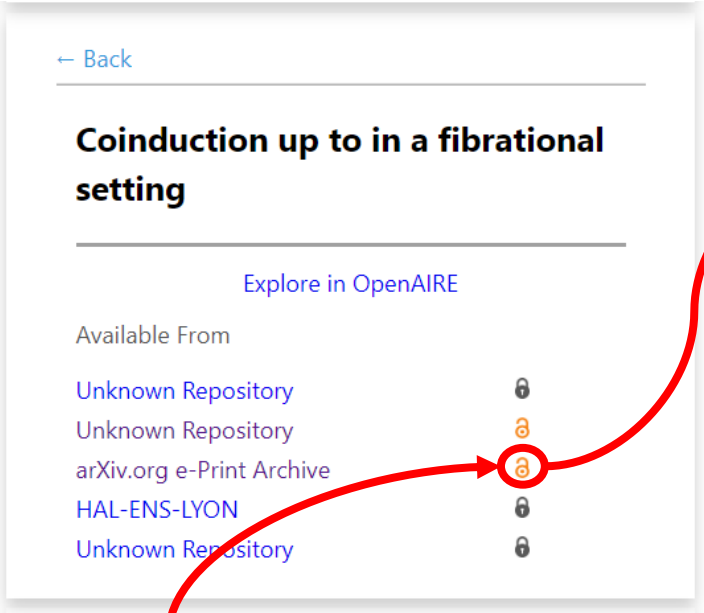
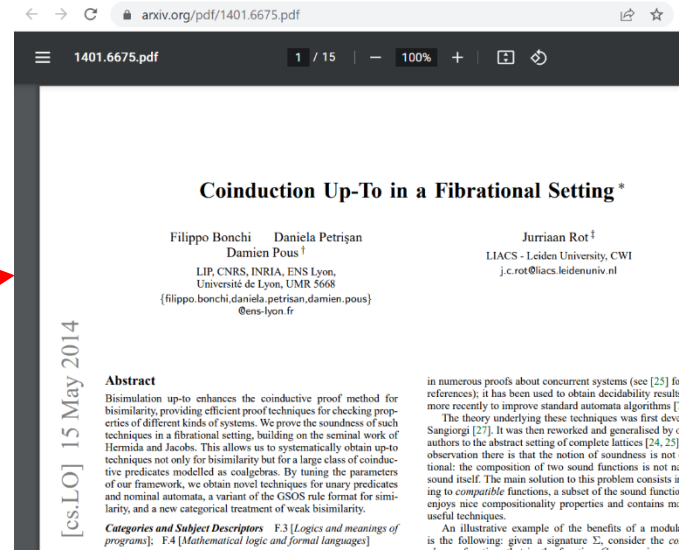
Use cases – Access to content







- See available versions and hosting repositories
- Access full content directly, if available
- No need to search using external tools

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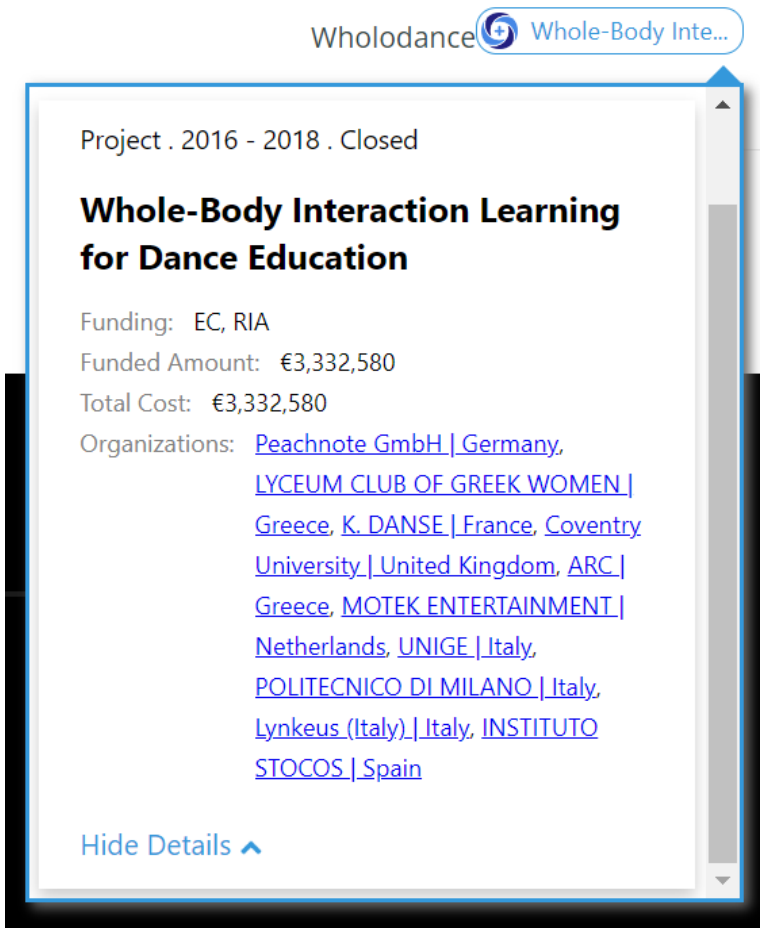


Use cases – Beyond DOIs

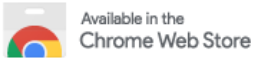
- DOIs are a convenient, persistent handle that can be used
- But term / context-based retrieval is also possible
  - Authors, Project, Funding, …
- Based on OSL Enhancer integrating content providers
  - No need to download browser plugin
  - Offer Open Science Lens as a site embedded feature
  - Richer experience for the visitor / more information discoverable

Open Science Lens

Summing up

- Assists deep exploration process to locate research artefacts
- Enhance repository item listing, breaking silos imposed by domain, perception, technical limitations and available resources
- Utilize OpenAIRE Research Graph to present an aggregated, cleaned-up, linked view for Open Science artefacts

- Open Science Lens: Having enriched information readily available during the discovery process
  - Enhances the information we locate
  - Increases trust of our findings
  - Simplifies access to content
  - Utilizes continuously enriched and expanding Knowledge Base, OpenAIRE Research Graph



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Thank you

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