

Finding potential funders

August 2022

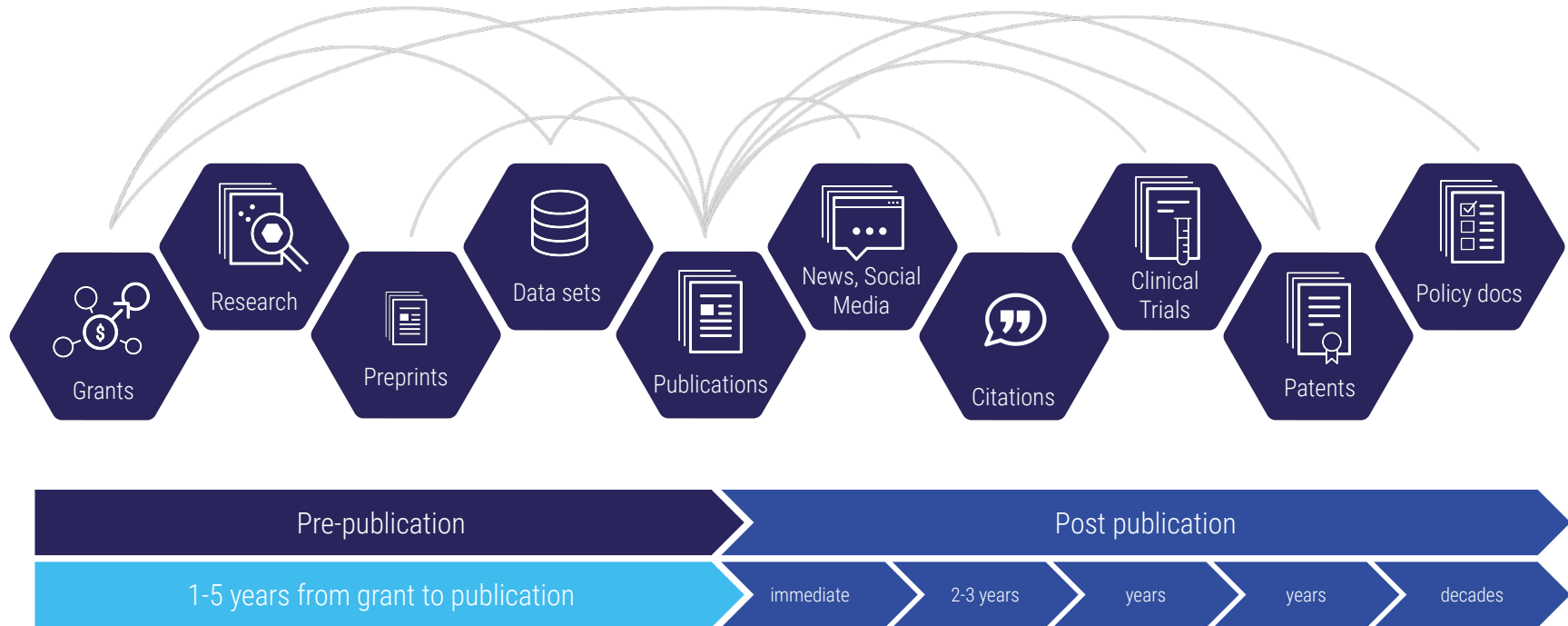
University of
Alabama
Birmingham

Part of **DIGITAL**science

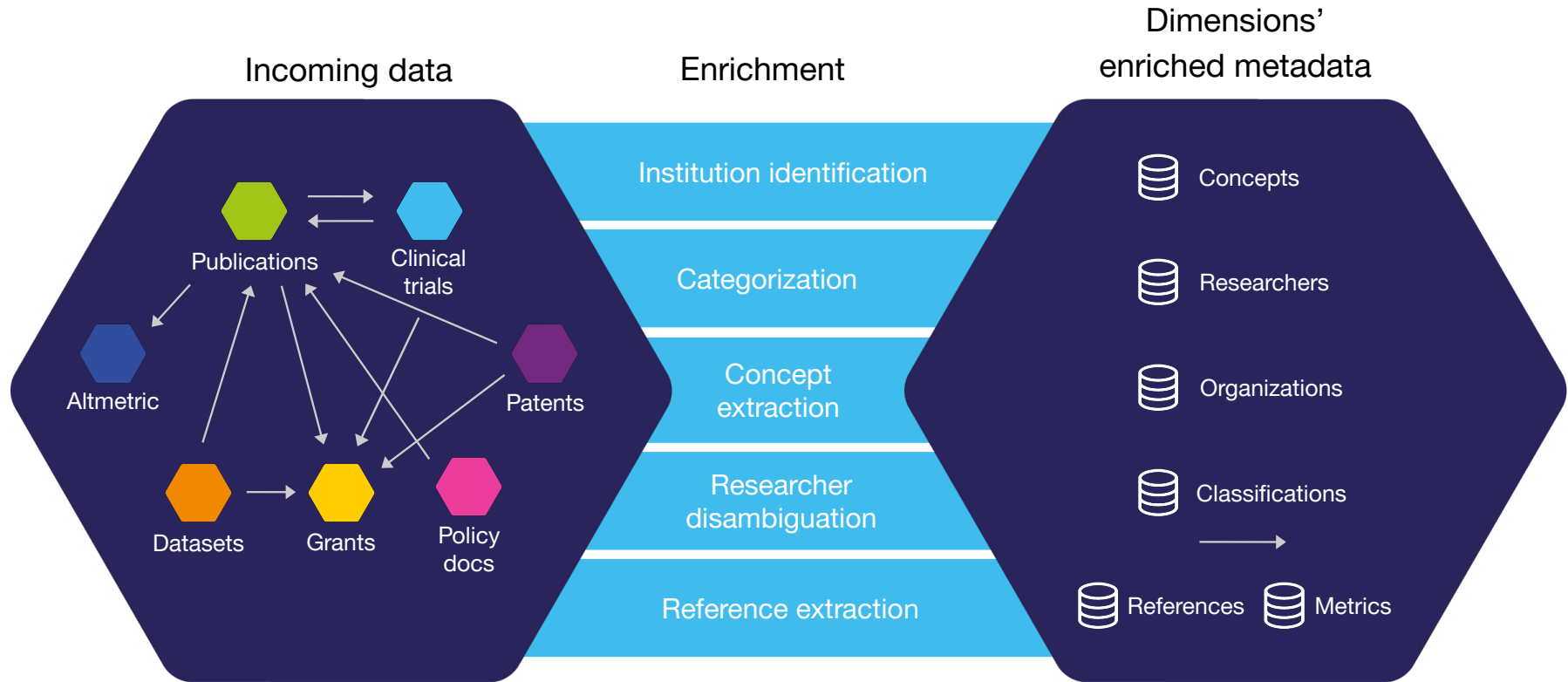
Agenda

- Introductions
- Brief overview of Dimensions
- Basic platform navigation
- Finding funders using Dimensions - **live in platform**
- Appendix
 - Data in Dimensions
 - Indicators in Dimensions

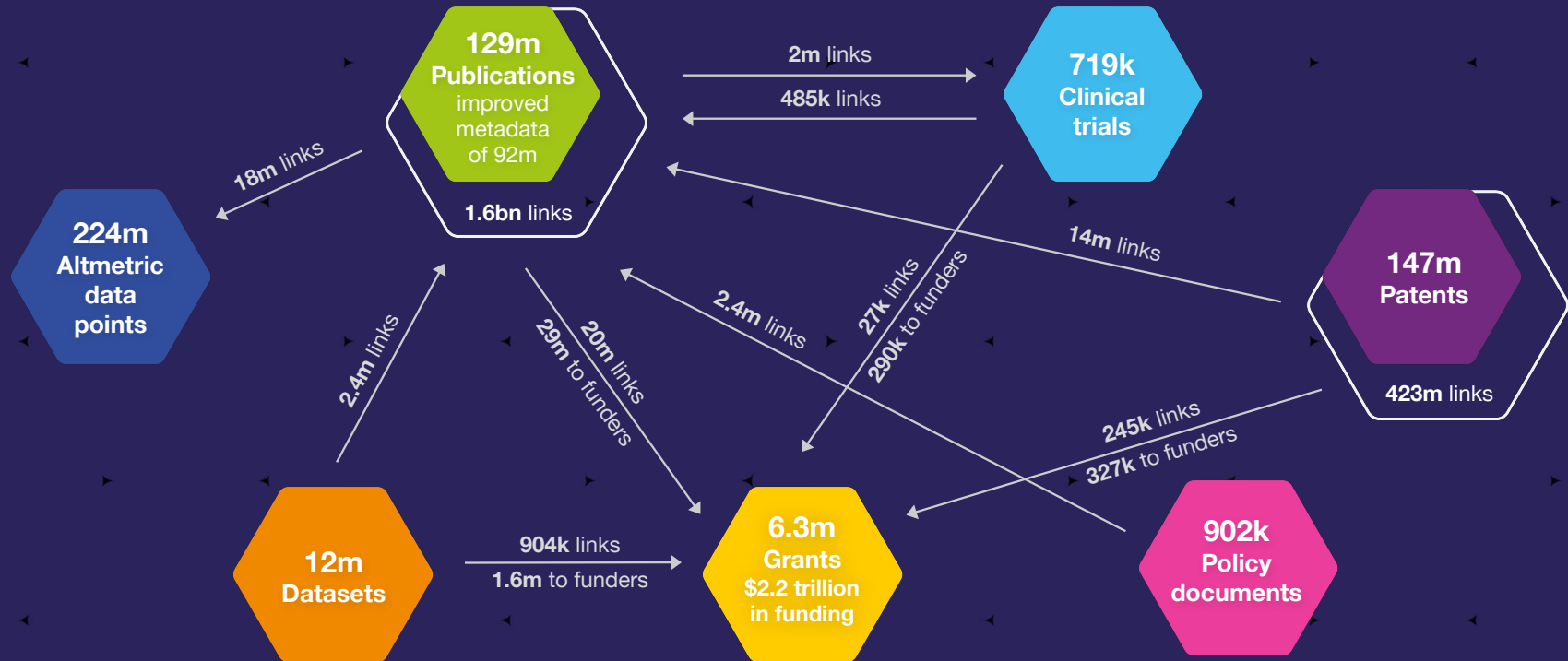
We capture a broader picture of the research landscape



We enrich and organize the data



We surface the connections



Basic navigation

FILTERS FAVORITES

▼ GROUPS

 > [MY GROUPS](#)

> SHARED GROUPS

> FUNDER GROUPS

> RESEARCH ORGANIZATION G...

> PUBLICATION YEAR

> RESEARCHER

> FUNDER

> COUNTRY OF FUNDER

> RESEARCH ORGANIZATION

> LOCATION - RESEARCH ORGANI...

> RESEARCH CATEGORIES

> PUBLICATION TYPE

> SOURCE TITLE

PUBLICATIONS

129,298,846

DATASETS

11,624,504

GRANTS

6,265,754

PATENTS

147,380,731

CLINICAL TRIALS

720,554

POLICY DOCUMENTS

902,310

 Show abstract Sort by: Publication Date ▼

 Title, Author(s), Bibliographic reference - [About the metrics](#)

See attention in Altmeter Explorer

Lamotrigine protects against cognitive deficits, synapse and nerve cell damage, and hallmark neuropathologies in a mouse model of Alzheimer's disease

 Xin-Xin Fu, Rui Duan, Si-Yu Wang, Qiao-Quan Zhang, Bin Wei, Ting Huang, Peng-Yu Gong, E Yan, Teng Jiang, Y...
2023, *Neural Regeneration Research* - Article

Lamotrigine (LTG) is a widely used drug for the treatment of epilepsy. Emerging clinical evidence suggests that LTG may improve cognitive function in patients with Alzheimer's disease. However, t... [more](#)

7 View PDF Add to Library Add to ORCID

Pediatric emergency triage systems

 Hany Simon, Claudio Schvartsman, Graziela de Almeida Sukys, Sylvia Costa Lima Farhat
2023, *Revista Paulista de Pediatria* - Article

OBJECTIVE: The aim of this study was to perform a narrative review of the leading pediatric triage systems in emergency departments (EDs). DATA SOURCE: Articles published between 1999 and 2019 were id... [more](#)

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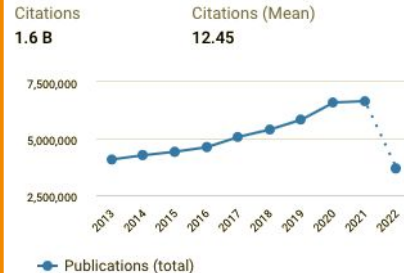
Impact of biotin supplemented diet on mouse pancreatic islet β -cell mass expansion and glucose induced electrical activity.

 Israel Morales-Reyes, Illani Atwater, Marcelino Esparza-Aguilar, E Marth Pérez-Armendariz
2022, *Islets* - Article

< ANALYTICAL VIEWS

 RESEARCH CATEGORIES ▼

11 Medical and Health Sciences	32,513,927
09 Engineering	13,344,294
1103 Clinical Sciences	11,929,668
06 Biological Sciences	9,708,198
03 Chemical Sciences	8,360,521

 OVERVIEW ▼

 OPEN ACCESS ▼

Searching in Dimensions

Full data



DOCUMENTS ▾ e.g. plastic AND instrument

Search in: Full data Title and abstract DOI [Keyword Search](#) [Similar Documents](#) [Advanced](#)

Our agreements with over 130 publishers means that Dimensions enables you to search the full text of over 70 million publications - even the ones you may not have full text access to. Whether you're searching for a specific chemical or field-specific terminology - expand your search beyond title and abstract to return a broader set of results

Title & Abstract



DOCUMENTS ▾ | e.g. plastic AND instrument

Search in: Full data Title and abstract DOI

Keyword Search Similar Documents Advanced

This is just what it sounds like - limit your search to just the title and abstract available within Dimensions. This will generally give you a smaller set of results than a full data search, but likely very relevant.

Similar Documents Search

DOCUMENTS ▾ Paste an abstract here to get similar documents

Keyword Search **Similar Documents** Advanced

Using the Dimensions similar documents search, you can enter an abstract, thesis statement or project summary to find closely related content - Dimensions will extract terms from the text and search all content types simultaneously and return highly similar content. This is by far one of the most popular features in Dimensions.

This type of search is recommended when the text is specific enough to yield meaningful results.

Advanced Search with co-occurring concepts

🔍 | e.g. plastic AND instrument

Search in: Full data Title and abstract DOI

Keyword Search Similar Documents **Advanced**

"climate change" AND ocean

Hide operator info

AND Requires both terms on either side of the Boolean operator to be present for a match

OR Requires that either term (or both terms) be present for a match

NOT Requires that the following term not be present

() Use parentheses to control the Boolean logic for a query

? Single character wildcard. Cannot be used as a leading wildcard or inside of quotes.

* Multiple characters wildcard. Cannot be used as a leading wildcard or inside of quotes.

~n Proximity search, e.g. "ambient noise"~4

SEARCH FIELDS

CONCEPTS

Refine your search with co-occurring concepts.

[Recalculate concepts](#)

climate change [Add](#)

Ocean [Add](#)

climate [Add](#)

warming [Add](#)

variability [Add](#)

Sea [Add](#)

circulation [Add](#)

ecosystems [Add](#)

species [Add](#)

atmosphere [Add](#)

surface temperature [Add](#)

climate models [Add](#)

region [Add](#)

precipitation [Add](#)

ocean acidification [Add](#)

forcing [Add](#)

global climate change [Add](#)

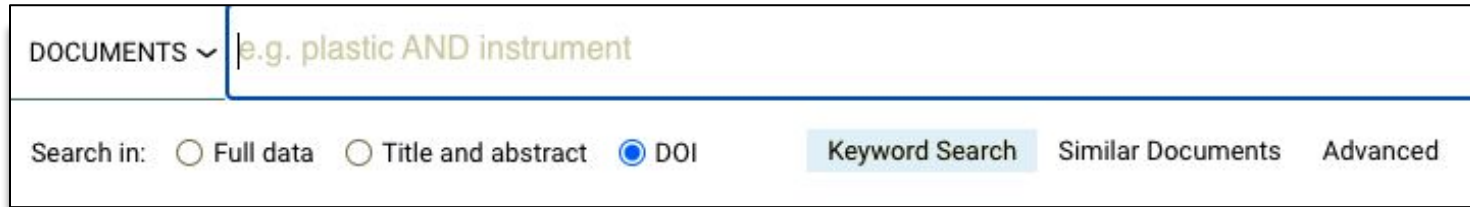
sea surface temperature [Add](#)

Search in: Full data Title and abstract (Applied if no other field is specified) [Cancel](#) [Search](#) Add parentheses to create Boolean nesting

You can access a list of relevant concepts related to their current search to further refine a query: either to narrow down the results or to broaden the search.

Open the search bar and click on “Advanced” - the panel can be entered from all content types
To calculate co-occurring concepts the user needs to provide at least one keyword or filter

DOI Search (publications only)



DOCUMENTS ▾ | e.g. plastic AND instrument

Search in: Full data Title and abstract DOI

Keyword Search Similar Documents Advanced

If you know exactly what publication you're looking for, you can search for one or more DOIs. Enter a DOI (add a boolean OR to include additional DOIs), and select the DOI toggle button.

Finding potential funders - **live in platform**

Thank you!

Heidi Becker
Director of Client Engagement
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APPENDIX

Data and metrics in Dimensions

Publications



PUBLICATIONS

- Journal articles, pre-prints, conference proceedings and books/book chapters
- 100M + records based on metadata
- Full text for roughly 70% publications currently
- Direct relationships with >130 publishers
- OA tagging

JOURNALS / BOOKS



PRE-PRINT / OA



...and more!

Grants data



GRANTS

- Project funding
- 6M+ grants from 625+ funders globally
- Not limited to federal/national funding
- Sourcing
 - Direct relationships with funders
 - Data available via APIs
 - Data available via websites which we crawl

app.dimensions.ai

Dimensions

MY ACCOUNT

- General settings
- Set currency
- ORCID information
- Set export format
- Export center

ABOUT DIMENSIONS

- Dimensions
- About the grants data**
- Acknowledgements
- Privacy Policy
- Legal Terms

About the grants data

Dimensions checks all sources of grant data for new data each month. The latest data update was in May 2019. Individual funder data is available in the current release. The grant data contained in the current release is detailed below.

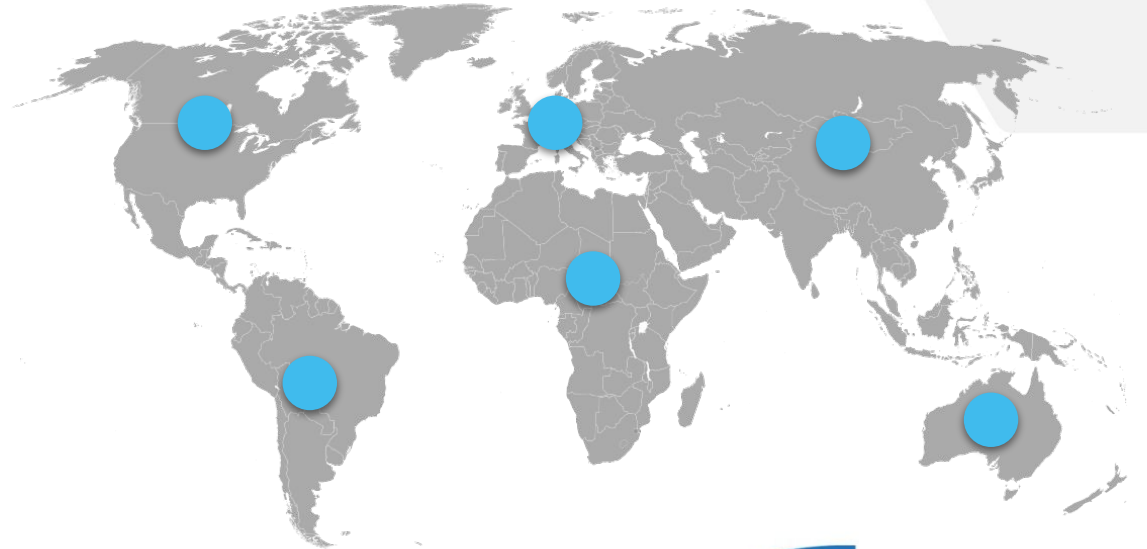
Funder	GRID ID	Country
Japan Society for the Promotion of Science (JSPS)	grid.54432.34	Japan
National Natural Science Foundation of China (NSFC)	grid.419696.5	China
Natural Sciences and Engineering Research Council (NSERC)	grid.452912.9	Canada
National Research Foundation (NRF)	grid.425534.1	South Africa
Russian Foundation for Basic Research (RFBR)	grid.452899.b	Russia
Federal Ministry of Education and Research (BMBF)	grid.5586.e	Germany
German Research Foundation (DFG)	grid.424150.6	Germany
European Commission (EC)	grid.270680.b	Belgium
Directorate for Mathematical & Physical Sciences (NSF MPS)	grid.457875.c	United States
Social Sciences and Humanities Research Council (SSHRC)	grid.183804.6	Canada
Directorate for Engineering (NSF ENG)	grid.457810.f	United States
Swiss National Science Foundation (SNF)	grid.425888.b	Switzerland
National Endowment for the Humanities (NEH)	grid.422239.c	United States
National Science Foundation (NSF)	grid.431093.c	United States

Patents data



PATENTS

- 140M+ patent documents
- Global coverage
- 100+ jurisdictions, including but not limited to:
 - China
 - Japan
 - United States
 - Germany
 - European Union
 - South Korea



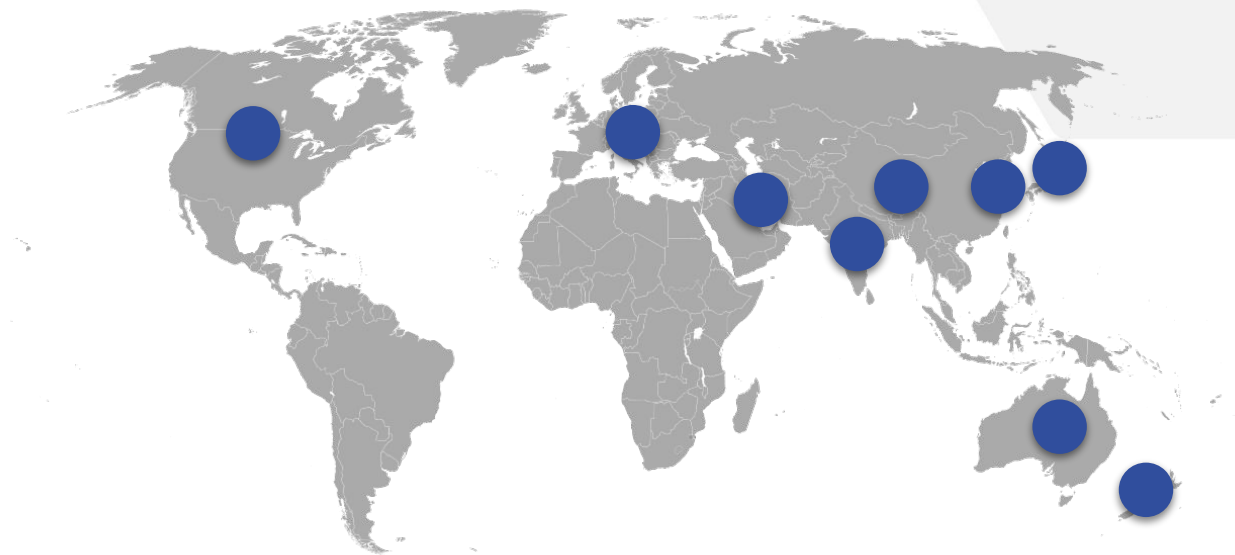
Clinical trials data



CLINICAL TRIALS

- ClinicalTrials.gov
- EU-CTR
- UMIN-CTR
- ISRCTN
- ANZCTR
- CHICTR
- NTR
- GCTR
- CTRI
- CRIS
- IRCT

... and more are coming



Policy documents data



POLICY DOCUMENTS

Over 700,000 policy document records,
linked to publications

Including but not limited to:

- World Health Organization
- World Bank
- Centers for Disease Control & Prevention
- Government of the United Kingdom
- National Bureau of Economic Research

The screenshot shows the Dimensions database interface. At the top, there is a search bar with the query "e.g. plastic AND instrument". Below the search bar, there are tabs for "FILTERS" and "FAVORITES". The "FILTERS" tab is active, and it shows a list of filters with their corresponding counts:

Filter	Count
PUBLICATIONS	119,821,252
DATASETS	8,788,661
GRANTS	5,880,733
PATENTS	137,674,547
CLINICAL TRIALS	647,319
POLICY DOCUMENTS	710,020

Below the filters, there are sections for "GROUPS" and "PUBLISHING ORGANIZATION". The "PUBLISHING ORGANIZATION" section is expanded, showing a list of organizations with their counts:

Publishing Organization	Count
World Health Organization	198,552
Government of the United Kingdom	169,560
World Bank	26,876
Centers for Disease Control and Prevention	25,151
Analysis & Policy Observatory	23,744
Food and Agriculture Organization of the United Nations	21,003
National Bureau of Economic Research	16,561
Scottish Government	15,227
New Zealand Treasury	14,588
Inter-American Development Bank	13,118
National Academies Press	10,600

The main content area shows search results for "Policy Documents". The results are sorted by "Publication Date". The first result is "COPD among adults in New Jersey" published in 2022 by the Centers for Disease Control and Prevention (CDC). Other results include "Assistance by the People's Republic of China to Governments and Entities in Latin America and Africa" (2021, USAID), "COPD among adults in New Hampshire" (2021, CDC), "Congressional Testimony: North Korea's Perpetual Provocations: Another Dangerous, Escalatory Nuclear Test" (2021, Center for Strategic and International Studies), "Congressional Testimony: Defeating the Iranian Threat Network: Options for Countering Iranian Proxies" (2021, Center for Strategic and International Studies), and "Congressional Testimony: Civilian Control of the Armed Forces" (2021, Center for Strategic and International Studies).

Indicators in Dimensions

Publication citations

The publication citations value is the number of times that a publication has been cited by other publications in the database. Citing publications can be of any publication type.

Field Citation Ratio (FCR)

The Field Citation Ratio (FCR) is an article-level metric that indicates the relative citation performance of an article, when compared to similarly-aged articles in its subject area. A value of more than 1.0 indicates higher than average citation, when defined by Field of Research Subject Code, publishing year and age. **The FCR is calculated for all publications in Dimensions which are at least 2 years old and were published in 2000 or later.**

Relative Citation Ratio (RCR)

The Relative Citation Ratio (RCR) indicates the relative citation performance of an article when comparing its citation rate to that of other articles in its area of research. A value of more than 1.0 shows a citation rate above average. The article's area of research is defined by the articles that have been cited alongside it. **The RCR is calculated for all PubMed publications which are at least 2 years old.**

Altmetric Attention Score

The Altmetric Attention Score is a weighted count of all of the online attention Altmetric have found for an individual research output. This includes mentions in the mainstream news, social networks, Wikipedia, blogs and more.

Recent citations

The recent citations value is the number of citations that were received in the last two years. It is currently reset at the beginning of each calendar year.