



DIMENSIONS ANALYTICS - **THE BASICS**

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NAVIGATION OVERVIEW

The Dimensions platform is divided into three main sections, with a search bar at the top, as illustrated below. The primary sections are Filters, Results (records), and Analytical Views.

The screenshot shows the Dimensions platform interface. At the top, a search bar is highlighted with an orange arrow and the text "SEARCH BAR". The search bar contains the text "e.g. plastic AND instrument". Below the search bar, the interface is divided into three main sections: Filters, Results, and Analytical Views. The Filters section on the left contains a list of filter categories: GROUPS, PUBLICATION YEAR, RESEARCHER, FUNDER, COUNTRY OF FUNDER, RESEARCH ORGANIZATION, LOCATION - RESEARCH ORGANIZATI..., RESEARCH CATEGORIES, PUBLICATION TYPE, SOURCE TITLE, PUBLISHER, JOURNAL LIST, and OPEN ACCESS. The Results section in the center displays a list of publications. The first publication is "Effectiveness of Structured Physical Activity Interventions Through the Evaluation of Physical Activity Levels, Adoption, Retention, Maintenance, and Adherence Rates: A Systematic Review and Meta-Analysis" by Nadja Willinger, James Steele, Lou Atkinson, Gary Liguori, Alfonso Jimenez, Steve Mann, Elizabeth Horton. The second publication is "When It HIITs, You Feel No Pain: Psychological and Psychophysiological Effects of Respite-Active Music in High-Intensity Interval Training" by Costas I Karageorghis, Leighton Jones, Luke W Howard, Rhys M Thomas, Panayiotis Moulashis, Sam J Santich. The third publication is "Herpes zoster may be a marker for COVID-19 infection during pregnancy" by Mohamed L Elsaie, Eman A Youssef, Hesham A Nada. The fourth publication is "Skin eruption and gastrointestinal symptoms: presentation of COVID-19". The Analytical Views section on the right contains a table of Research Categories, an Overview chart, and an Open Access table. The Research Categories table shows the following data:

RESEARCH CATEGORIES	
11 Medical and Health Sciences	29,918,600
09 Engineering	12,261,470
1103 Clinical Sciences	11,079,131
06 Biological Sciences	8,941,615
03 Chemical Sciences	7,790,864

The Overview chart shows Citations (1.3 B) and Citations (Mean) (11.58). The Open Access table shows the following data:

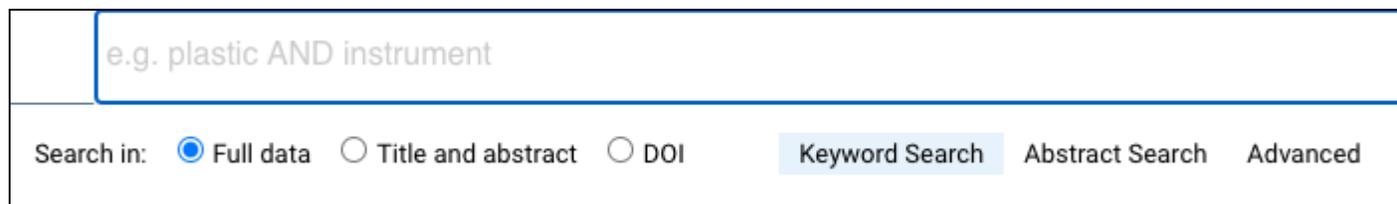
OPEN ACCESS	
Closed	83,169,772
All OA	33,162,938
Bronze	10,750,265
Gold	10,099,367
Green	9,546,050

Orange arrows point to the "FILTERS" label at the bottom left, the "RESULTS" label at the bottom center, and the "ANALYTICAL VIEWS" label at the bottom right.

TYPES OF SEARCHES

There are a number of ways to search in Dimensions. Below is a brief summary of each.

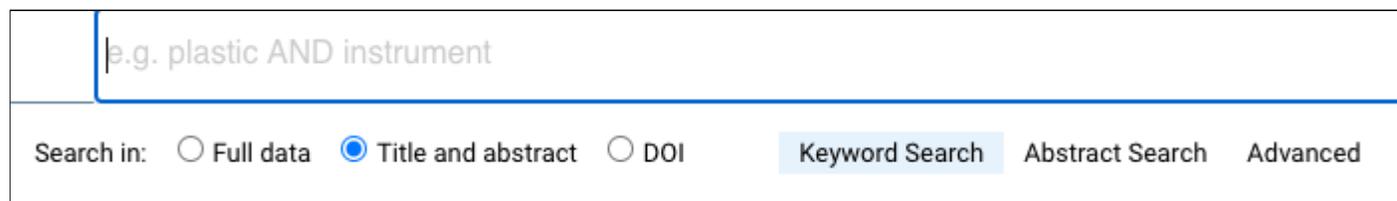
Full data



A screenshot of a search interface. At the top, there is a search bar containing the text "e.g. plastic AND instrument". Below the search bar, there are three radio buttons for "Search in": "Full data" (which is selected with a blue dot), "Title and abstract", and "DOI". To the right of these radio buttons are three buttons: "Keyword Search" (highlighted in light blue), "Abstract Search", and "Advanced".

Our agreements with over 130 publishers means that Dimensions enables you to search the full text of roughly 70% of 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



A screenshot of a search interface. At the top, there is a search bar containing the text "e.g. plastic AND instrument". Below the search bar, there are three radio buttons for "Search in": "Full data", "Title and abstract" (which is selected with a blue dot), and "DOI". To the right of these radio buttons are three buttons: "Keyword Search" (highlighted in light blue), "Abstract Search", and "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.

Abstract Search

Paste abstract here

Keyword Search **Abstract Search** Advanced

Using the Dimensions abstract search, you can enter a thesis statement or project summary (any “blob of text”) 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 one of the most popular features in Dimensions. This type of search is recommended when the text is specific enough to yield meaningful results. **Remember to press enter after pasting the text.**

DOI Search (publications only)

e.g. plastic AND instrument

Search in: Full data Title and abstract DOI **Keyword Search** Abstract Search Advanced

If you know exactly what 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.

Advanced search with co-occurring concepts

Q | e.g. plastic AND instrument

Search in: Full data Title and abstract DOI

Keyword Search Abstract Search **Advanced**

(music therapy) OR ("music therapists")

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 inside of quotes)
* Multiple characters wildcard (cannot be used inside of quotes)
~n Proximity search, e.g. "ambient noise"~4

Search in: Full data Title and abstract

Cancel Search

Add parentheses to create Boolean nesting

CONCEPTS

Refine your search with co-occurring concepts.

Recalculate concepts

music therapy	ADD
patients	ADD
therapy	ADD
music	ADD
control group	ADD
music therapists	ADD
quality of life	ADD
pain	ADD
systematic review	ADD
music intervention	ADD
blood pressure	ADD
children	ADD
therapy intervention	ADD
effects of music	ADD
heart rate	ADD
music therapy interventions	ADD
intervention	ADD
care unit	ADD
music therapy sessions	ADD
clinical trials	ADD

Show more

with AND
with OR
with NOT

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

The terms are always calculated based on publication results - We calculate n=20 concepts per default, more can be loaded on request (click on “show more”), max 100

After adding / manipulating concepts, users can recalculate concepts (“Recalculate concepts” button). As for every other keyword search, users can choose between searching in “full data” or “title & abstract.”

You can opt to either add the term with a Boolean AND, OR or NOT (drop down will appear when clicking “Add”)

You can also opt to add parentheses to create Boolean nesting.

FILTERS

Filters should be considered similar to “advanced search” fields and should be the first stop in constructing a query that involves:

- Date parameters
- Researchers
- Organizations (Funders, Universities, Companies, Publishers)
- Places
- Research categories (see below)
- Status (eg. “active” in grants, “granted” in patents)

Entering these terms (eg. researcher name, organization name) into the search bar will not be as effective and will likely return some erroneous results.

Filter options will differ by content type (eg. a publication record does not have an “active year” whereas a grant record will).

We recommend checking for applicable filters in relevant content types when constructing a query.

Research Categorization Systems

[Fields of Research \(FOR\)](#)

We have implemented the Fields of Research (FOR) system covering all areas of research from the Australian and New Zealand Standard Research Classification (ANZSRC). The original FOR system has three levels (2-, 4- and 6-digit codes). The implementation in Dimensions categorises on 2- and 4-digit codes. This categorization system covers many areas of research including social sciences, art and history.

[Research, Condition, and Disease Categorization \(RCDC\)](#)

The Research, Condition, and Disease Categorization (RCDC) is a classification scheme used by the US National Institutes of Health (NIH) for reporting required by the US Congress. We have implemented this system using automated allocation of RCDC codes to documents in Dimensions based on category definitions defined by machine learning. In addition to the semantic definitions, the NIH uses business rules to assign awards to categories based on decisions rather than an analysis of the content and topic. These business rules are highly specific to the NIH and have not been taken into account for Dimensions. Also, RCDC reports to the US congress take the specific aims section into account, as well as the abstract. Using only the abstract and title for category definition, without the business rules or specific aims, allows a comparable RCDC categorization within Dimensions.

[Health Research Classification System \(HRCS\)](#) and [Research Activity Codes \(RAC\)](#)

The Health Research Classification System ([HRCS](#)) is a classification system used by biomedical funders to classify their portfolio in health and research activity codes. There are two strands to HRCS – Research Activity Codes and Health Categories. We have modelled Health Categories on a machine learning approach that are automatically applied to all data types, allowing broad analysis and comparison.

[ICRP Cancer Types](#)

The ICRP's cancer type coding scheme complements the CSO and is linked to the International Classification of Diseases. Information about the codes used can be found at ICRP <https://www.icrpartnership-test.org/cancer-type-list>. We have implemented this system using automated allocation of ICRP cancer types to documents in Dimensions based on category definitions defined by machine learning.

[ICRP Common Scientific Outline](#)

The Common Scientific Outline or 'CSO' is a classification system organized into six broad areas of scientific interest in cancer research. The CSO is complemented by a standard cancer type coding scheme. Together, these tools lay a framework to improve coordination among research organizations, making it possible to compare and contrast the research portfolios of public, non-profit, and governmental research agencies. The CSO is maintained by the International Cancer Research Partnership and further information on versions, using the CSO and training guides can be accessed at ICRP <https://www.icrpartnership.org/cso>. We have implemented this system using automated allocation of CSO codes to documents in Dimensions based on category definitions defined by machine learning.

[Units of Assessment](#)

The Units of Assessment (UoA) is a classification scheme used by the Research Excellence Framework 2021 (REF) for assessing the quality of research in UK Higher Education Institutions. We have implemented this system using automated allocation of UoA codes to documents in Dimensions based on category definitions defined by machine learning.

[Sustainable Development Goals](#) (publications and grants only)

We have implemented the UN Sustainable Development Goals (SDGs) as a classification scheme covering areas of research associated with one or more SDGs (the majority of the SDGs are interrelated). The scheme uses automated allocation of the 17 SDGs and their associated targets and indicators to all fitting documents in Dimensions thereby addressing research areas aligned to the goals.

RESULTS

The middle panel in Dimensions will provide you with the resulting records from your query, across each content type as applicable.

Information on supported boolean operators can be found via [the support portal](#).

The screenshot shows the Dimensions search interface. At the top, the search bar contains the query "materials synthesis" with a red box around it. Below the search bar, a navigation bar shows the number of records for various content types: PUBLICATIONS (78,670), DATASETS (58), GRANTS (2,635), PATENTS (9,314), CLINICAL TRIALS (1), and POLICY DOCUMENTS (27). A red box highlights this navigation bar. The main content area displays two search results. The first result is "Platinum-based nanostructured materials: synthesis, properties, and applications." by Aicheng Chen and Peter Holt-Hindle, published in Chemical Reviews in 2010. It has 970 citations and 3 Altmetric scores. The second result is "The role of selection pressure in RNA-mediated evolutionary materials synthesis." by Stefan Franzen, Marta Cerruti, Donovan N Leonard, and Gerd Duscher, published in the Journal of the American Chemical Society in 2007. It has 13 citations and 6 Altmetric scores. On the right side, there is an "ANALYTICAL VIEWS" section with a "RESEARCH CATEGORIES" dropdown menu showing a list of categories and their citation counts. Below that is an "OVERVIEW" section with a line graph showing the citation trend over time, with a total of 1.9 M citations and a mean of 23.87.

Content Type	Count
PUBLICATIONS	78,670
DATASETS	58
GRANTS	2,635
PATENTS	9,314
CLINICAL TRIALS	1
POLICY DOCUMENTS	27

Research Category	Citation Count
03 Chemical Sciences	39,631
09 Engineering	36,037
0306 Physical Chemistry (incl. Structural)	29,822
0912 Materials Engineering	27,730
0303 Macromolecular and Materials Chemistry	8,412

Metric	Value
Citations	1.9 M
Citations (Mean)	23.87

You can layer a boolean search or an abstract search with filters:

The screenshot shows the Dimensions search interface. The search bar contains the query "materials synthesis" (highlighted in red). The filters applied are: "2020 OR 2019" (Publication Year), "Tsinghua University" (Research Organization), and "0303 Macromolecular and Mate..." (Fields of Research). The results are displayed in a table with columns for PUBLICATIONS (17), DATASETS (0), GRANTS (0), PATENTS (0), CLINICAL TRIALS (0), and POLICY DOCUMENTS (0). The top result is a publication titled "High-Throughput Preparation of Antibacterial Polymers from Natural Product Derivatives via the Hantzsch Reaction" by Guoqiang Liu, Qiang Zhang, Yongsan Li, Xing Wang, Haibo Wu, Yen Wei, Yuan Zeng, and Lei Tao, published in 2020 in iScience. The article abstract is visible, and there are buttons for Citations (2), Altmetric (1), View PDF, Add to Library, and Add to ORCID. On the right, the Analytical Views section shows Research Categories with counts: 03 Chemical Sciences (17), 0303 Macromolecular and Materials Chemistry (17), 09 Engineering (11), 0306 Physical Chemistry (incl. Structural) (11), and 0912 Materials Engineering (11). The Overview section shows Citations (89) and Citations (Mean) (5.24).

If filters are applied that are specific to a certain content type (eg. "Legal Status" in patents), this will be noted under the other content types.

The screenshot shows the Dimensions search interface with the same search query "materials synthesis" (highlighted in red). A new filter, "Granted" (Legal Status), has been applied (highlighted in red). The results are now filtered to show 4,505 PATENTS. The top result is a patent titled "APPARATUSES AND METHODS FOR COMBUSTION AND MATERIAL SYNTHESIS" by King Abdullah University of Science and Technology (KAUST) - CHUNG, SUK HQ, MEMON, NASIR, ABDQ, Markous, filed in 2014. The second result is "METHODS AND APPARATUS FOR SOLID CARBONACEOUS MATERIALS SYNTHESIS GAS GENERATION" by THERMO TECHNOLOGIES LLC - 丹尼斯·詹森, 格里戈里·阿布拉莫夫, 理查德·克拉克, 馬庫斯·威利, granted in 2015. The Analytical Views section shows Research Categories with counts: 03 Chemical Sciences (1,761), 09 Engineering (1,564), 0912 Materials Engineering (1,119), 0306 Physical Chemistry (incl. Structural) (861), and 11 Medical and Health Sciences (579). The Overview section shows Citations (500).

Sorting results

Results can be ordered in a number of ways:

Publications

Relevance
Publication date
RCR
FCR
Altmetric score

The screenshot shows the Dimensions search results for 'tissue engineer' with 5 results. The search bar shows 'tissue engineer* ~5' and 'Free text in full data'. The top navigation includes 'Save / Export', 'Workflow', 'Support', and a user profile 'Heidi Bec...'. The left sidebar has 'FILTERS' and 'FAVORITES' sections. The main content area shows a table of results with columns: PUBLICATIONS (2,364,047), DATASETS (1,383), GRANTS (28,225), PATENTS (690,215), CLINICAL TRIALS (734), and POLICY DOCUMENTS (6,954). A dropdown menu is open, showing sorting options: Relevance, Publication Date, RCR, FCR, Citations, and Altmetric Attention Score. The 'Relevance' option is highlighted with a red box. The first result is 'Adipogenesis for soft tissue reconstruction' by Huseyin Karagoz, Fatih Zor, Esra Goktas, Vijay S Gorantla, published in 2019. The right sidebar shows 'ANALYTICAL VIEWS' with 'RESEARCH CATEGORIES' and 'OVERVIEW' sections.

Datasets

Relevance
Publication date

The screenshot shows the Dimensions search results for 'tissue engineer' with 5 results. The search bar shows 'tissue engineer* ~5' and 'Free text in full data'. The top navigation includes 'Save / Export', 'Workflow', 'Support', and a user profile 'Heidi Bec...'. The left sidebar has 'FILTERS' and 'FAVORITES' sections. The main content area shows a table of results with columns: PUBLICATIONS (2,364,047), DATASETS (1,383), GRANTS (28,225), PATENTS (690,215), CLINICAL TRIALS (734), and POLICY DOCUMENTS (6,954). A dropdown menu is open, showing sorting options: Relevance and Publication Date. The 'Relevance' option is highlighted with a red box. The first result is 'Model Solutions - Engineered Tissue' by Micha Sam Raredon, published in 2020. The right sidebar shows 'ANALYTICAL VIEWS' with 'RESEARCH CATEGORIES' and 'OVERVIEW' sections.

Grants

Relevance
Start date
Funding amount
Funder

Dimensions **tissue engineer* -5** Save / Export Workflow Support Heidi Bec...

FILTERS FAVORITES PUBLICATIONS 2,364,047 DATASETS 1,383 **GRANTS 28,225** PATENTS 690,215 CLINICAL TRIALS 734 POLICY DOCUMENTS 6,954

ANALYTICAL VIEWS RESEARCH CATEGORIES

09 Engineering 10,960
0903 Biomedical Engineering 10,068
11 Medical and Health Sciences 9,343
06 Biological Sciences 9,200
0601 Biochemistry and Cell Biology 7,308

Sort by: Relevance

Relevance
Start Date
Funding Amount
Funder

Title, Funder, Investigator

Tissue specific matrix-derived microcarriers for soft tissue regeneration
Natural Sciences and Engineering Research Council
to Claire Yu
chemical engineering, biomedical engineering, tissue engineering, stem cells, extracellular matrix,

Patents

Relevance
Filed date
Patent citations

Dimensions **tissue engineer* -5** Save / Export Workflow Support Heidi Bec...

FILTERS FAVORITES PUBLICATIONS 2,364,047 DATASETS 1,383 GRANTS 28,225 **PATENTS 690,215** CLINICAL TRIALS 734 POLICY DOCUMENTS 6,954

ANALYTICAL VIEWS RESEARCH CATEGORIES

06 Biological Sciences 231,734
11 Medical and Health Sciences 203,695
0601 Biochemistry and Cell Biology 144,402
09 Engineering 85,731

Sort by: Relevance

Relevance
Filed date
Patent Citations

Title, Assignee, Inventor, Filing status, Jurisdiction, Year - About the metrics

Products for Culturing of Cells or Tissues
Skin Tissue Engineering Pty Ltd -
Application AU - Filed year: 2015

Clinical trials

Relevance
Start year

Dimensions **tissue engineer* -5** Save / Export Workflow Support Heidi Bec...

FILTERS FAVORITES PUBLICATIONS 2,364,047 DATASETS 1,383 GRANTS 28,225 PATENTS 690,215 **CLINICAL TRIALS 734** POLICY DOCUMENTS 6,954

ANALYTICAL VIEWS RESEARCH CATEGORIES

11 Medical and Health Sciences 620
1103 Clinical Sciences 345
1112 Oncology and Carcinogenesis 142

Sort by: Relevance

Relevance
Start year

Title, Sponsor

Establishment of Cell Culture Systems From Discarded Operating Room Tissue
Wake Forest Baptist Medical Center

Policy documents

Relevance

Publication date

The screenshot shows the Dimensions database interface. At the top, there is a search bar with the query "tissue engineer* -5" and a "Free text in full data" option. To the right of the search bar are buttons for "Save / Export", "Workflow", and "Support", along with a user profile icon labeled "Heidi Bec...".

Below the search bar, there are several tabs: "PUBLICATIONS" (2,364,047), "DATASETS" (1,383), "GRANTS" (28,225), "PATENTS" (690,215), "CLINICAL TRIALS" (734), and "POLICY DOCUMENTS" (6,954). The "POLICY DOCUMENTS" tab is currently selected.

On the left side, there is a "FILTERS" sidebar with options for "GROUPS", "PUBLICATION YEAR", and "PUBLISHING ORGANIZATION".

The main results area shows a table with the following content:

Title, Year, Publishing organization
Draft 29/03/2005 - Besluit - Rijksoverheid.nl
2005, rijksoverheid.nl

Below the table, there is a "Sort by: Relevance" dropdown menu. The dropdown is open, showing two options: "Publication Date" and "Relevance". Both options are highlighted with a red rectangular box.

On the right side, there is an "ANALYTICAL VIEWS" section with a "RESEARCH CATEGORIES" dropdown. The categories listed are:

- 11 Medical and Health Sciences (3,641)
- 11117 Public Health and Health Services (3,064)
- 16 Studies in Human Society (1,246)

Exporting results

Results from each content type can be exported. Users are able to export metadata from records in each content type. Metadata included in the export will vary based on content type and/or analytical view from which they were exported.

Individual records can be exported by hovering to the left of records and checking the items.

The screenshot displays the Dimensions research platform interface. The top navigation bar includes the Dimensions logo, a search bar with the query "2020 materials synthesis AND biom...", and user information for Heidi Bec... The main content area is divided into a left sidebar with filters, a central results pane, and a right sidebar with analytical views.

Left Sidebar (Filters):

- FAVORITES
- GROUPS
- PUBLICATION YEAR
- RESEARCHER
- FUNDER
- COUNTRY OF FUNDER
- RESEARCH ORGANIZATION
- LOCATION - RESEARCH ORGAN...
- RESEARCH CATEGORIES
- PUBLICATION TYPE
- SOURCE TITLE
- PUBLISHER

Central Results Pane:

PUBLICATIONS 1,052 | DATASETS 1 | GRANTS 0 | PATENTS 19 | CLINICAL TRIALS 0 | POLICY DOCUMENTS 0

Options: Show abstract | Sort by: Relevance | See attention in Altmetric Explorer

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

1 **Multi-material additive manufacturing technologies for Ti-, Mg-, and Fe-based biomaterials for bone substitution**
N.E. Putra, M.J. Mirzaali, I. Apachitei, J. Zhou, A.A. Zadpoor
2020, Acta Biomaterialia - Article
The growing interest in multi-functional metallic biomaterials for bone substitutes challenges the current additive manufacturing (AM, =3D printing) technologies. It is foreseeable that advances in mu... more
Citations: 1 | Altmetric: 14 | View PDF | Add to Library | Add to ORCID

2 **Unconventional Tissue Engineering Materials in Disguise**
Michelle A. Nguyen, Gulden Camci-Unal
2020, Trends in Biotechnology - Article
Tissue engineering faces a recurring challenge in the transformation of biomaterials into 3D constructs that mimic the biological, chemical, and mechanical features of native tissues. Some of the conv... more
Citations: 3 | Altmetric: 43 | Add to Library | Add to ORCID

Right Sidebar (Analytical Views):

RESEARCH CATEGORIES

- 09 Engineering 414
- 03 Chemical Sciences 405
- 0912 Materials Engineering 295
- 0306 Physical Chemistry (incl. Structural) 272
- 0303 Macromolecular and Materials Chemistry 147

OVERVIEW

Citations: 748 | Citations (Mean): 0.71

Line graph showing Citations from 2011 to 2020. The x-axis represents years from 2011 to 2020. The y-axis represents the number of citations, ranging from 0 to 2,000. The data points show a steady increase in citations over the period, with a significant spike in 2020.

You can also select individual records to create a new set of search results. See the bottom of your screen for both export and “add to search” options.

1 [Multi-material additive manufacturing technologies for Ti-, Mg-, and Fe-based biomaterials for bone substitution](#)
N.E. Putra, M.J. Mirzaali, I. Apachitei, J. Zhou, A.A. Zadpoor
2020, Acta Biomaterialia - Article
The growing interest in multi-functional metallic biomaterials for bone substitutes challenges the current additive manufacturing (AM, =3D printing) technologies. It is foreseeable that advances in mu... [more](#)
Citations 1 Altmetric 14 View PDF Add to Library Add to ORCID

2 [Unconventional Tissue Engineering Materials in Disguise](#)
Michelle A. Nguyen, Gulden Camci-Unal
2020, Trends in Biotechnology - Article
Tissue engineering faces a recurring challenge in the transformation of biomaterials into 3D constructs that mimic the biological, chemical, and mechanical features of native tissues. Some of the conv... [more](#)
Citations 3 Altmetric 43 Add to Library Add to ORCID

2 selected Export data Add to Search Unselect All

Export results X

Export full record
File format: Excel - XLSX v

Export for bibliometric mapping
File includes data to create bibliometric networks with [VOSviewer](#) or [CiteSpace](#)

Export for reference manager
File format: BibTeX v

All items

3 selected items

Send email when export is ready
Processing the export can take an hour or more, depending on size of the download and system activity. Your export will be available in the [Export center](#) for 30 days.

Cancel Export

Export options

Publications can be exported in three formats: .csv, .xlsx and .csv for bibliometric mapping. The bibliometric mapping export is compatible with two free network mapping applications, [Vosviewer](#) and [CiteSpace](#). Up to 500 publication records can be exported in either BibTeX/RIS format.

All other content type results can be exported either to a .csv or .xlsx file.

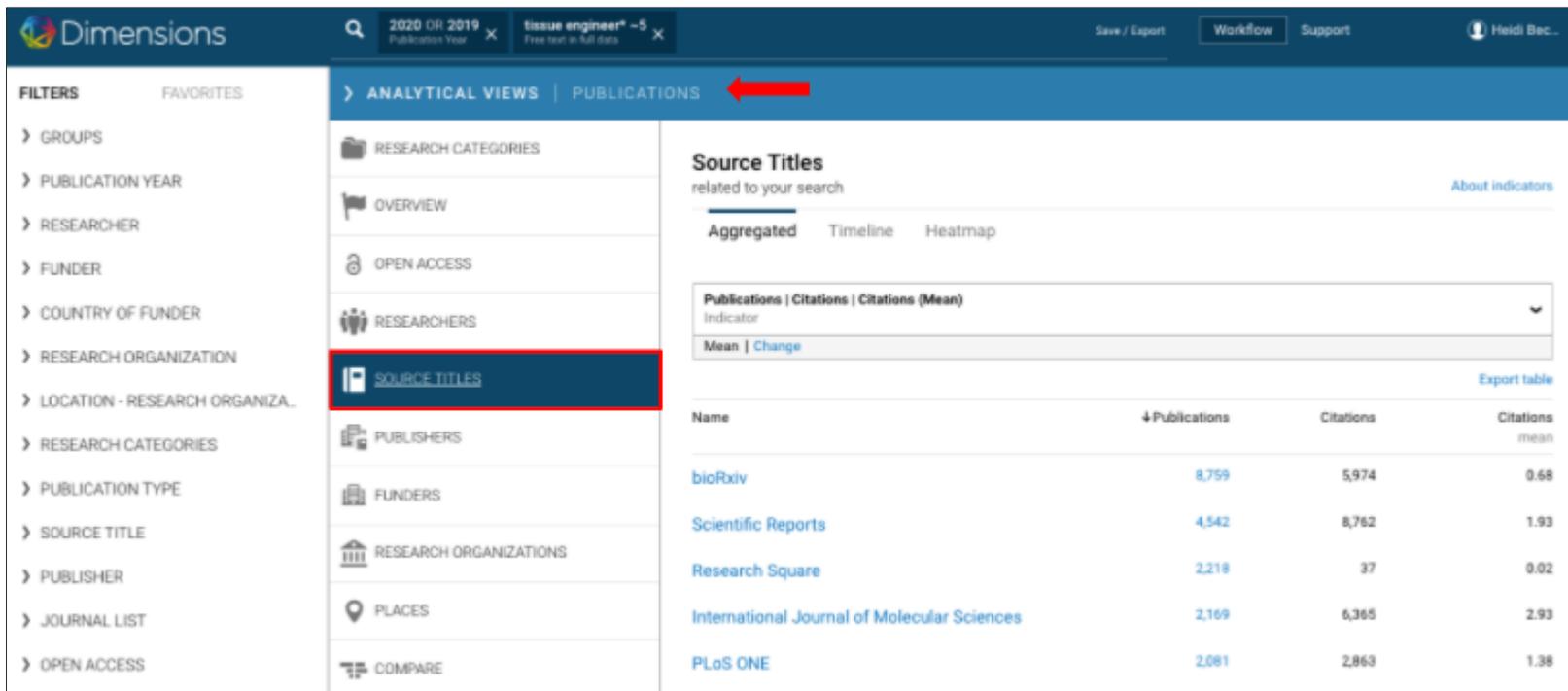
You can locate your downloads by clicking on your name in the upper left corner of the screen and selecting Export Center.

ANALYTICAL VIEWS

Analytical views provide high-level insights into your search results. Think of Analytical Views as a pivot table for the metadata in your result list. These views provide instant insights into your results without any out-of-platform work required. In addition, you can export results from analytical views just as you would your result set, but with more options to download, including available visualizations as images. While available for all content types, some highlighted examples are shown below.

Publications

Here we can choose from a number of options, below is an example that surfaces the source titles with the most articles related to this search. You can see other options including an OA overview, source titles, publishers, funders, research organizations and more.

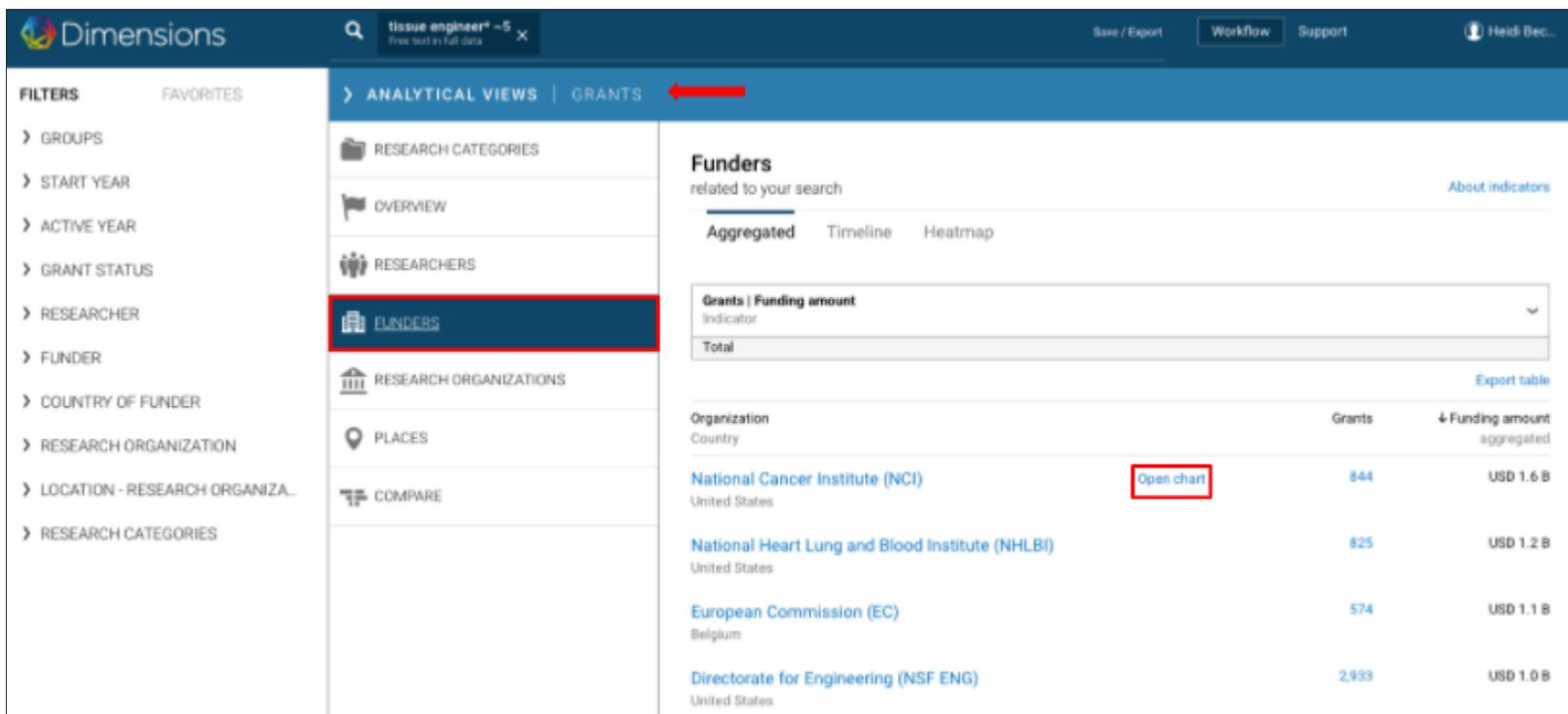


The screenshot shows the Dimensions Analytical Views interface. The search query is "tissue engineer*" with 5 results. The "ANALYTICAL VIEWS" tab is selected, and the "SOURCE TITLES" view is active. The main content area displays a table of source titles with their respective publication and citation counts.

Name	Publications	Citations	Citations mean
bioRxiv	8,759	5,974	0.68
Scientific Reports	4,542	8,762	1.93
Research Square	2,218	37	0.02
International Journal of Molecular Sciences	2,109	6,365	2.93
PLoS ONE	2,081	2,863	1.38

Grants

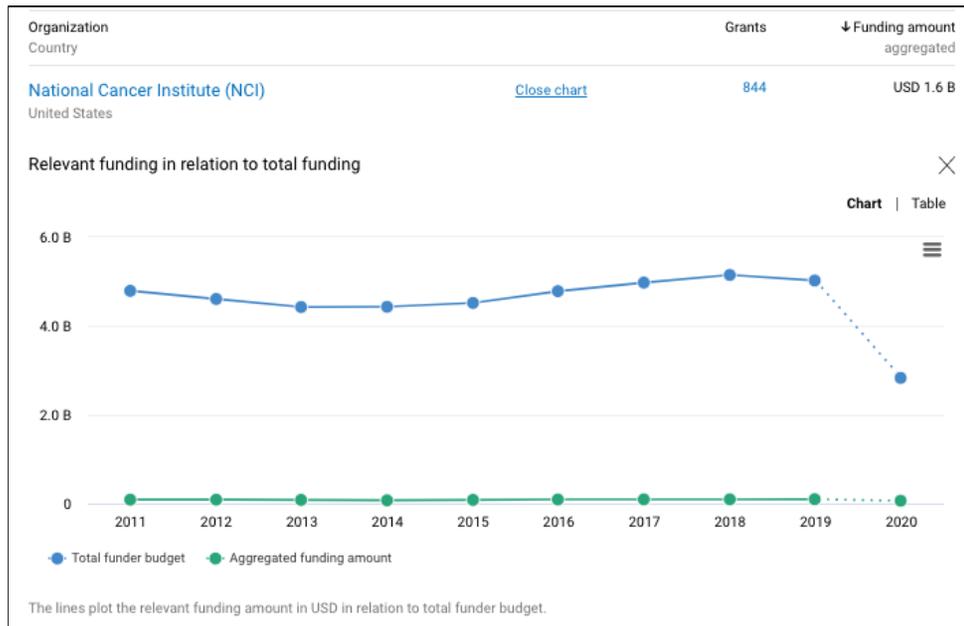
Similarly, we can move to another content type and avail ourselves of the aggregated data based on our search. What's more, you can even identify funding trends by funder, related to your search, with one click via the "open chart" hover-over link.



The screenshot shows the Dimensions web application interface. The search bar at the top contains "tissue engineer" with 5 results. The left sidebar shows a list of filters, with "FUNDERS" highlighted in red. The main content area is titled "ANALYTICAL VIEWS | GRANTS" and displays the "Funders" section. The "Funders" section is related to the search and includes tabs for "Aggregated", "Timeline", and "Heatmap". Below the tabs is a dropdown menu for "Grants | Funding amount" and a table of funding data. The table has columns for "Organization", "Country", "Grants", and "Funding amount aggregated". The "National Cancer Institute (NCI)" row is highlighted, and an "Open chart" link is visible next to it.

Organization	Country	Grants	Funding amount aggregated
National Cancer Institute (NCI)	United States	844	USD 1.6 B
National Heart Lung and Blood Institute (NHLBI)	United States	825	USD 1.2 B
European Commission (EC)	Belgium	574	USD 1.1 B
Directorate for Engineering (NSF ENG)	United States	2,933	USD 1.0 B

The blue line plots the funder's allocated budget over time; the green line shows their allocated amount relative to your search query.



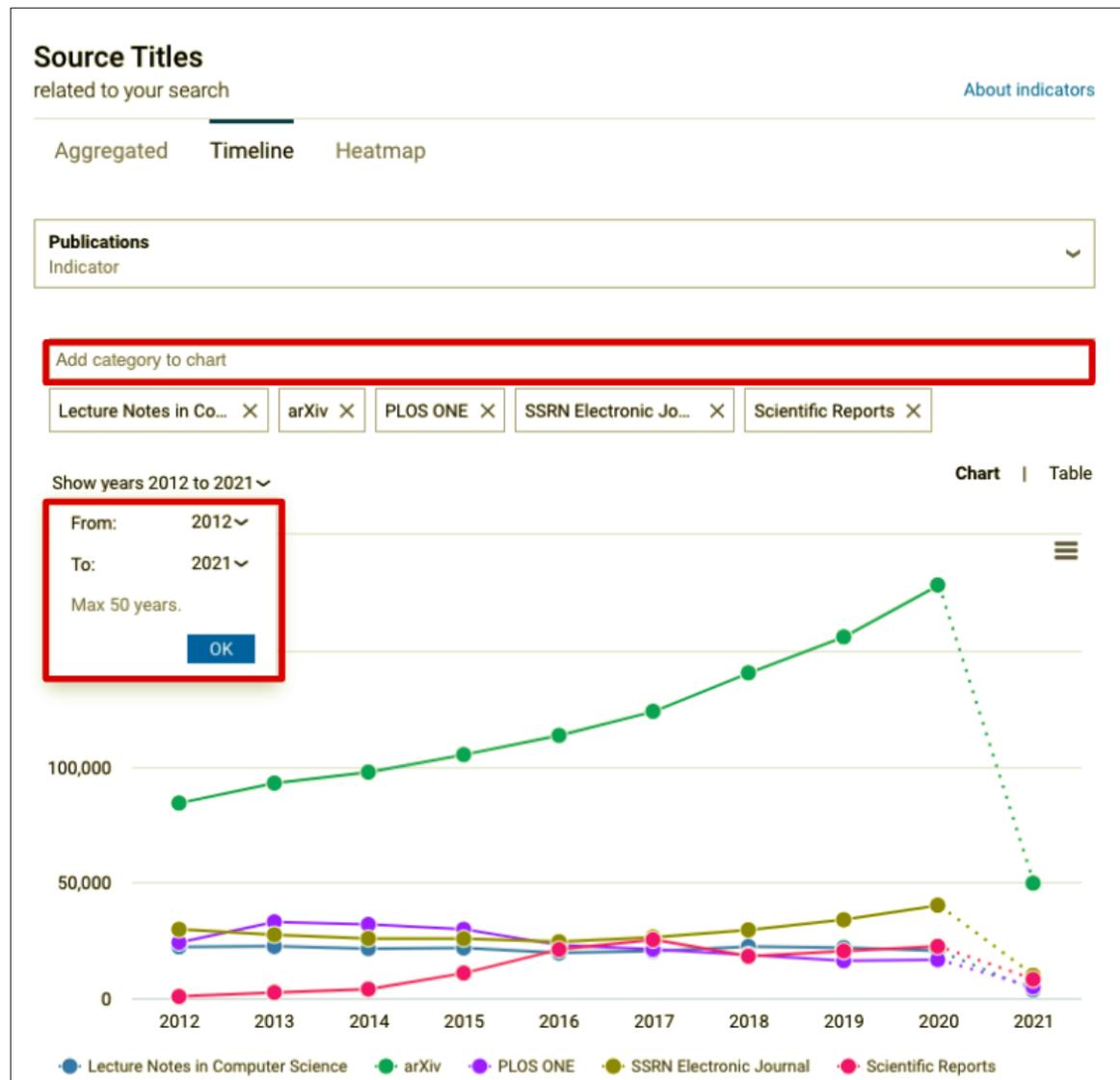
By removing the overall budget line, you can see their funding related to your search query over time. Hovering over the dots on the timeline will surface a link to those specific grants, should you wish to continue drilling into the data.

This is an easy way to get an at-a-glance view of funding trends in Dimensions by individual funding agencies.

Visualizations

Timelines

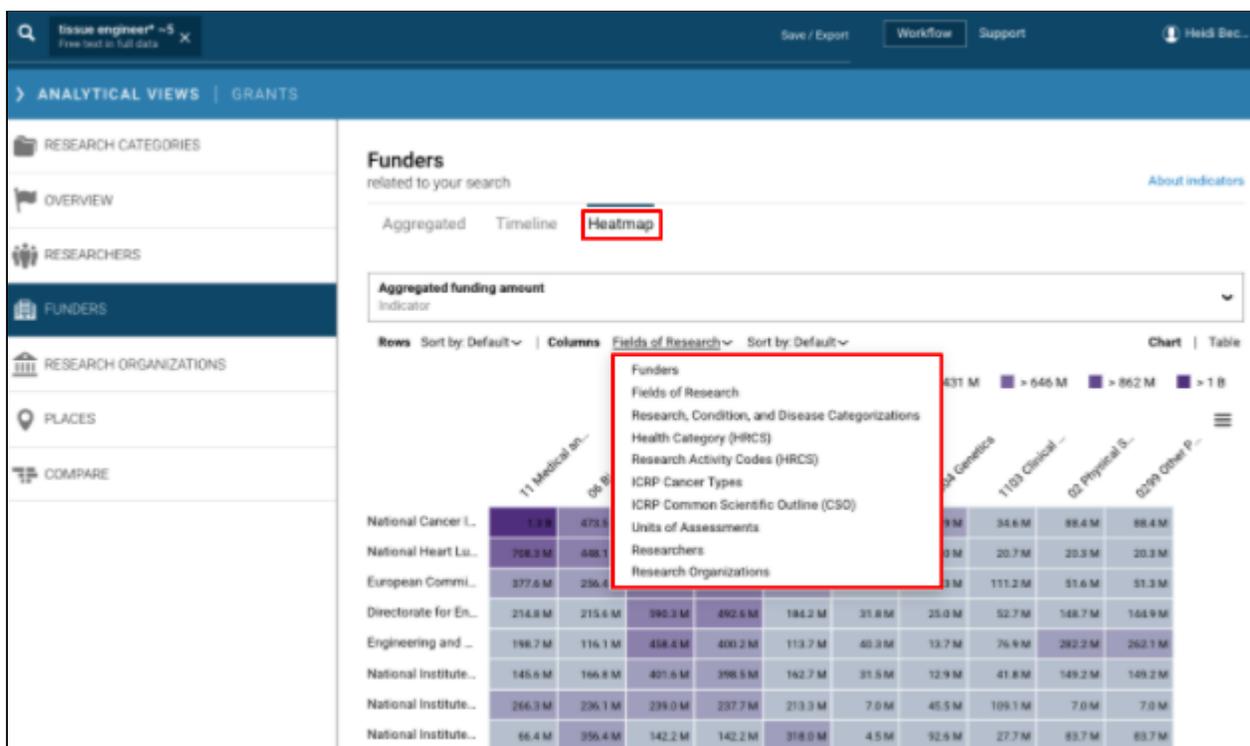
Timelines are available in multiple places in Analytical Views. You can adjust the period of time it reflects, and add or remove elements shown (eg. funders, research categories). You can also opt to view the data in a table by clicking near the top right of the timeline.



Heatmaps

Similarly, heatmaps can be adjusted depending on what you'd like to see displayed.

Hovering over the numbers in the heatmap will surface a link to the relevant objects, again providing an easy way to drill down into your search results.



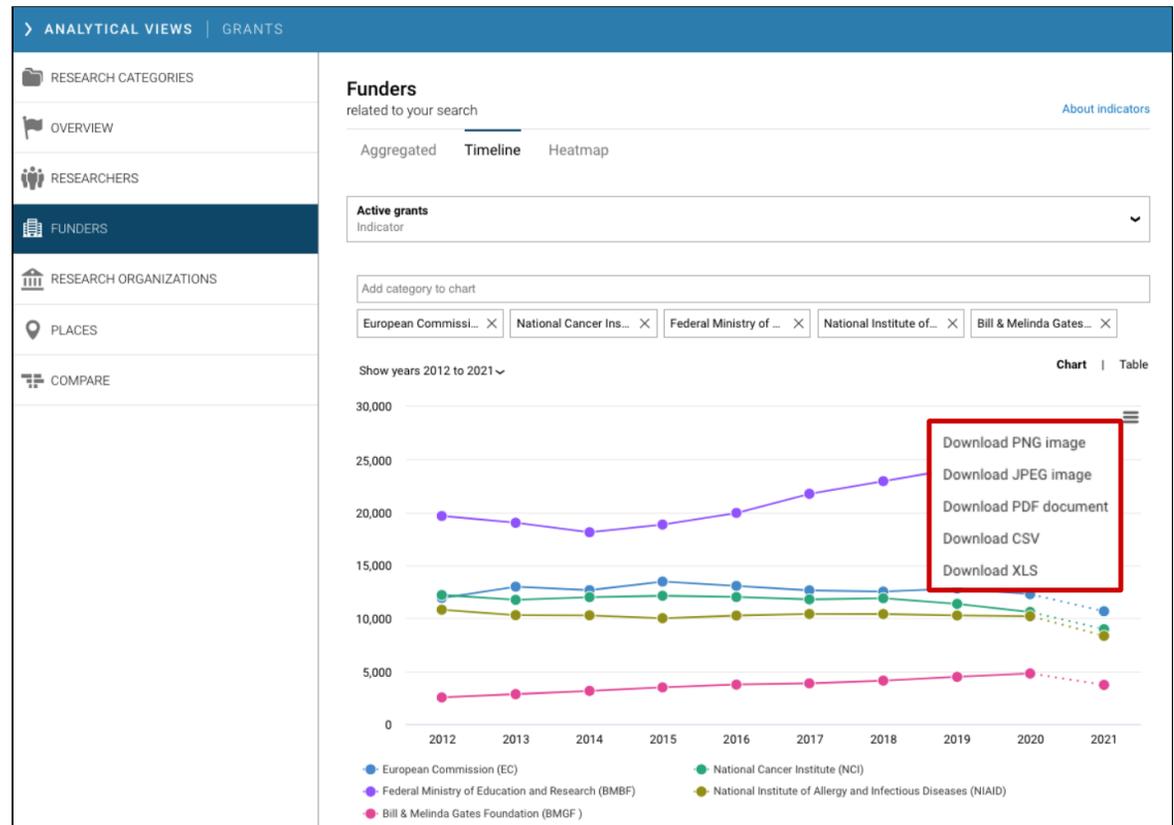
Export options for Analytical views

Aggregated Lists

You can select “export table” at the top right of aggregated lists in Analytical Views, and Dimensions will export the first 500 results into a .csv or .xlsx file, available to access in your export center.

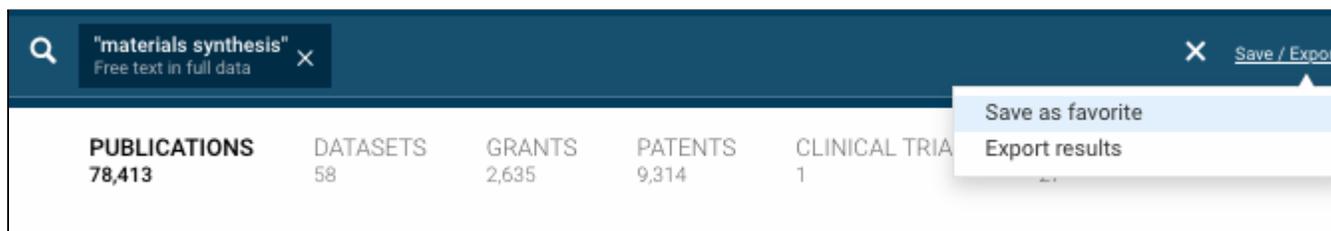
Visualizations

Timelines and heatmaps can be exported in a variety of formats, either as images or as data files should you want to work with the data further. Heatmaps are most readable in an image format (versus platform view).



FAVORITES

Any search in Dimensions can be saved as a favorite, with updated results each time you retrieve the favorite. Favorites can be accessed via the left panel, next to Filters.

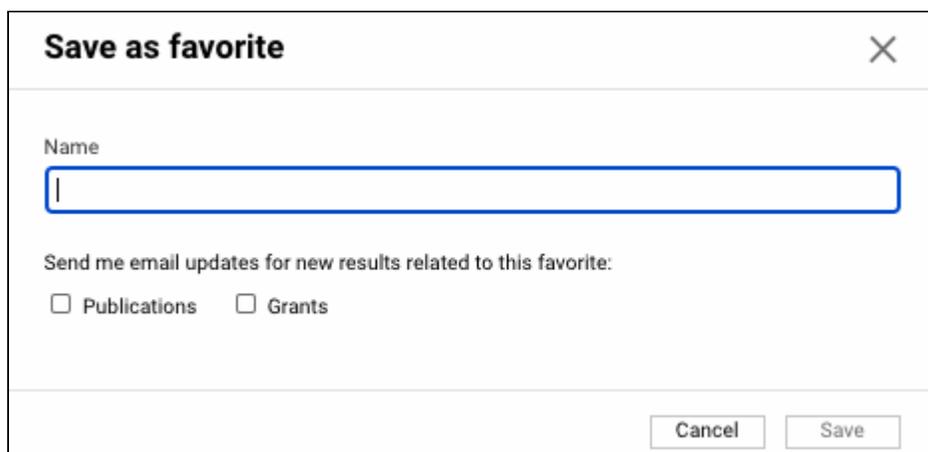


The screenshot shows a search bar with the query "materials synthesis" and a search icon. Below the search bar, there is a table of results categorized by type. A dropdown menu is open over the table, showing options to "Save as favorite" and "Export results".

PUBLICATIONS	DATASETS	GRANTS	PATENTS	CLINICAL TRIALS
78,413	58	2,635	9,314	1

Alerts

Each time you "favorite" a search in Dimensions, you will have the option to be alerted on a weekly basis to new content matching the terms of your search.



The dialog box is titled "Save as favorite" and contains a text input field for "Name". Below the input field, there is a section titled "Send me email updates for new results related to this favorite:" with two checkboxes: "Publications" and "Grants". At the bottom of the dialog, there are "Cancel" and "Save" buttons.

GROUPS

Groups make it possible to combine multiple entities to a custom group with a custom name, which can then be used in conjunction with other facets, groups or keywords. It allows you to create a group of entities of the same type, for example a group of researchers (e.g. “department X”) or a group of organizations (e.g. “peer Universities”). It is not possible to combine entities of different types (e.g. funders and institutions) into a group.

Custom groups can be used in a search like any other entity - they can be combined with every other facet or group, with every boolean keyword or abstract search.

To create a new group:

- Select several entities from one facet type (do not click on “limit to”).
- Click “Add to group” at the bottom of the page.
- Name and click “Save.”

The new group will now be available under “My groups” in the facet section.

Groups can be shared with fellow Analytics users across the same institution. More information on sharing groups is available upon request.

The screenshot shows the Dimensions interface with the 'RESEARCH ORGANIZATION' facet expanded. A list of organizations is displayed with their respective counts. The 'Add to group' button is highlighted with a red box, and the text '4 selected' is visible below it.

Organization	Count
<input checked="" type="checkbox"/> University of Tokyo	324,752
<input checked="" type="checkbox"/> Harvard University	299,745
<input checked="" type="checkbox"/> University of Toronto	298,116
<input checked="" type="checkbox"/> University of Michigan	260,929
<input type="checkbox"/> University of California, Los Ang	253,692
<input type="checkbox"/> University College London	250,405
<input type="checkbox"/> Stanford University	246,061
<input type="checkbox"/> University of Cambridge	244,944
<input type="checkbox"/> University of Oxford	240,900
<input type="checkbox"/> University of São Paulo	236,316
<input type="checkbox"/> Johns Hopkins University	236,136

More

> LOCATION - RESEARCH ORGANIZA...

Limit to

Add to group Exclude

4 selected About

Customizing pre-set groups

You can also modify pre-set funder or research organization groups to suit your needs by “browsing” the groups and copying to my groups, where you can then rename and add or remove elements (in the example below, research organizations):

The image shows a two-part screenshot of the Dimensions web application. The top part shows the main interface with a sidebar on the left and a main content area on the right. The sidebar has a 'FILTERS' section with 'GROUPS' expanded, showing 'RESEARCH ORGANIZATION G.' with a 'Browse' button highlighted in a red box. The main content area shows a list of 'Research organization groups' with the first entry, 'Association of Public and Land-grant Universities (APLU)', having a 'Copy to My groups' button highlighted in a red box. The bottom part of the image shows a modal dialog titled 'Copy group to My groups' with a text input field containing 'Association of Public and Land-grant Universities (APLU)' and 'Save' and 'Cancel' buttons.

Dimensions

FILTERS FAVORITES

GROUPS

- MY GROUPS
- SHARED GROUPS
- FUNDER GROUPS
- RESEARCH ORGANIZATION G. **Browse**

- ASEAN University Network (AUN)
- Association of American Universities (AAU)
- Association of Classical Universities of Russia (ACUR)
- Association of Global Universities (AGU)
- Association of Leading Universities, ALU
- Association of Pacific Rim Universities (APRU)
- Association of Public and Land-grant Universities (APLU)
- Australian Technology Network (ATN)
- Barcelona Institute of Science and Technology (ICT)
- C9 League

More

Dimensions e.g. plastic AND instrument Workflow Support Heidi Bec... Close X

BROWSE GROUPS

- My groups
- Shared groups
- Funder groups
- Research organization groups

Research organization groups

Research organization groups are predefined and maintained by the Dimensions team. Click on 'Show details' to see how a group is defined.

Name Sort by: Date last modified Export group definitions

- Association of Public and Land-grant Universities (APLU) Show details **Copy to My groups**
- Association of American Universities (AAU)
- Chinese Academy of Sciences (CAS)
- University of the Arctic (UArctic)
- German Universities of Technology (TU9)
- Association of Classical Universities of Russia, ACUR (RU)

Copy group to 'My groups'

Name

Association of Public and Land-grant Universities (APLU)

This copies the current group definition - future updates on the definition of this group by Dimensions will not be applied to your copied version.

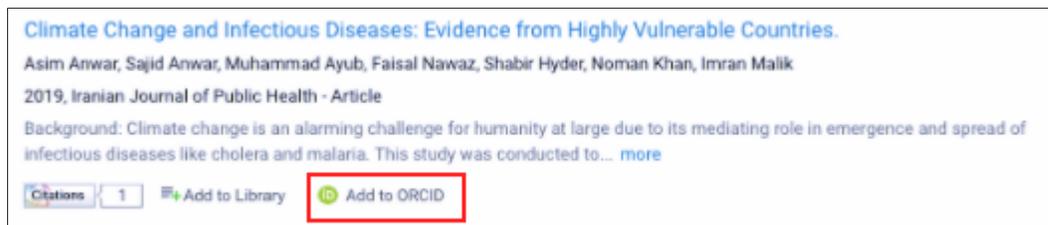
Cancel Save

USER SETTINGS

Your account settings can be accessed by clicking on the icon next to your name in the upper right corner of the platform. From here you can change your password and perform other tasks.

Connect your ORCID account

You can connect your ORCID profile, enabling you to claim publications for your profile with one easy click in the Dimensions platform.



[Climate Change and Infectious Diseases: Evidence from Highly Vulnerable Countries.](#)
Asim Anwar, Sajid Anwar, Muhammad Ayub, Faisal Nawaz, Shabir Hyder, Noman Khan, Imran Malik
2019, Iranian Journal of Public Health - Article
Background: Climate change is an alarming challenge for humanity at large due to its mediating role in emergence and spread of infectious diseases like cholera and malaria. This study was conducted to... [more](#)

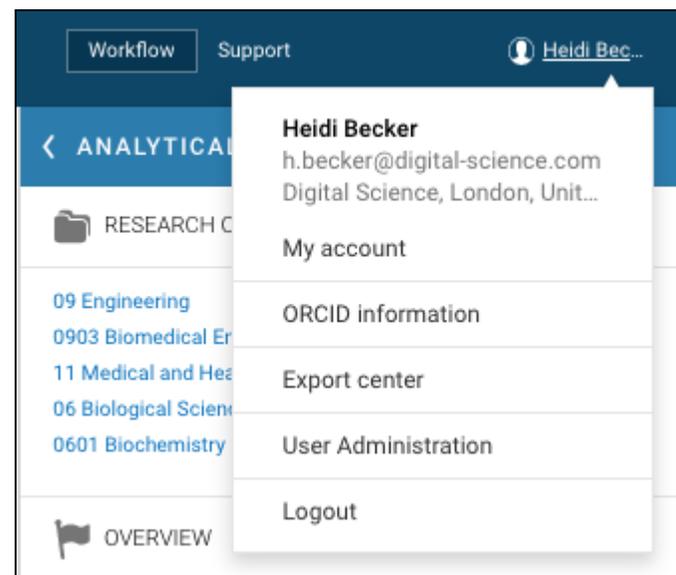
Citations 1 [Add to Library](#) [Add to ORCID](#)

Change currency

We obtain grant funding amounts in their original currencies. We then convert the original currencies in the background and the user can decide in which currency they want to use in Dimensions. The conversion for each grant is based on the exchange rate at the time of the start date of the grant. In the case that a yearly distribution of the funding amount is provided (e.g. NIH projects), the funding amount is converted for each year's exchange rate. You can change the currency that appears in Dimensions. Currencies currently available in Dimensions include:

Australian Dollars (AUD)
British Pounds (GBP)
Canadian Dollars (CAD)
Chinese Yen (CNY)
Euros (EUR)

Japanese Yen (JPY)
Swiss Francs (CHF)
New Zealand Dollars (NZD)
US Dollars (USD)



Workflow Support Heidi Bec...

ANALYTICAL

RESEARCH C

09 Engineering
0903 Biomedical En
11 Medical and Hea
06 Biological Scien
0601 Biochemistry

OVERVIEW

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My account

ORCID information

Export center

User Administration

Logout