

InCites Benchmarking and Analytics User Guide

Table of Contents

		Research Areas Analysis	<u>page 57</u>
Source data	page 4	Collaboration Analysis	<u>page 67</u>
Unification	page 8	Location Analysis	<u>page 70</u>
Normalization	page 12	Publication Sources Analysis	<u>page 74</u>
Percentiles	page 20	Open Access Analysis	<u>page 76</u>
Responsible use of metrics	page 23	Using Baselines	<u>page 80</u>
Organization Report	page 28	Saving Analysis to reports	page 64
Researcher Report	page 32	Researcher analysis	<u>page 88</u>
Publisher Report	page 35	Author position analysis	<u>page 91</u>
Building your own analysis:		Funding analysis	<u>page 94</u>
Organizations	page 45	Advanced visualizations	<u>page 108</u>
Basic visualizations	page 50	Reputation metrics	<u>page 112</u>
Saving tiles and sharing	page 53	Create your own dataset	<u>page 114</u>



InCites Benchmarking and Analytics



Source Data



Web of Science Core Collection

- Science Citation Index Expanded
- Social Sciences Citation Index
- Arts & Humanities
 Citation Index
- Emerging Sources
 Citation Index
- Conference Proceedings Citation Index
- Book Citation Index

Research with confidence using trusted content from the world's leading sources



21,000+ journals indexed cover-to-cover



- International
- Influential



Powerful citation network with complete cited reference search, cited reference linking and navigation



Publisher-neutral journal selection and curation



Source data for Journal Impact Factor



Vetted Open Access content

<u>Selection Process</u> <u>Master Journal List</u>



Trusted Web of Science Core Collection data is used for InCites



2B+ linked citations



100% of author names and affiliations



15K+ disambiguated organizations



21K+ high quality journals



16.5M+ records with funding data



Publisher-neutral journal selection



254 subject categories



208K+ conference proceedings



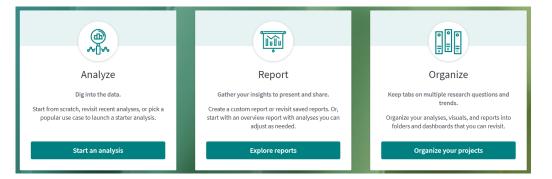
123K+ books

Carefully curated metadata in Web of Science enables reliable analyses to be carried out in InCites.



Trusted Web of Science Core Collection data is used for InCites

(1980 – present)

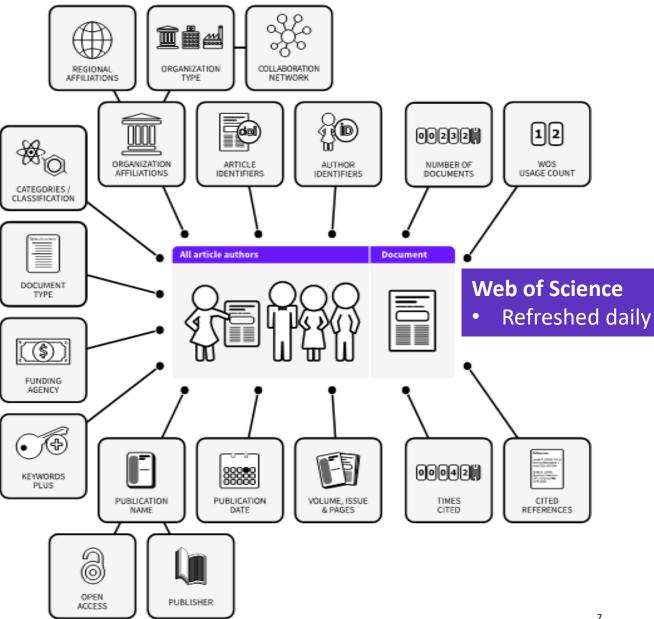


InCites Dataset

- Snapshot
- Refreshed monthly

Analyze by	Report ^	Organize by
Researchers		Folders
Organizations	OVERVIEW REPORTS	Dashboard
Locations	Organization Report	
Research areas	Researcher Report	
Publication Sources	Department Report	
Funding agencies		

Publisher Report





Unification



Unification

Four pieces of metadata have been unified (consolidated) by our content team:

- Organization
 (Affiliation in Web of Science)
- Funding Agency
- Publisher
- Researchers (Author Profiles)

Why Unify?

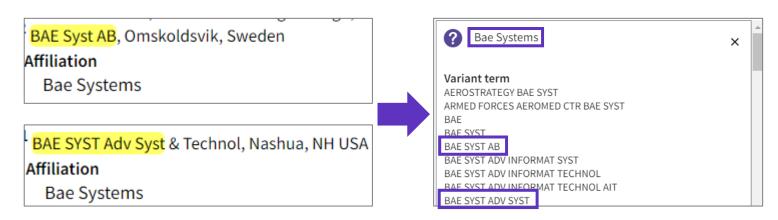
Organizations, Funding Agencies and Publishers may be written inconsistently in different publications. This makes them very difficult to analyze reliably.

By **unifying** them, we gather all the name variants for a single organization/funding agency/publisher, under a single name.

This is done in both **Web of Science** and **InCites**.

By using this name in your analysis, you can achieve **reliable results**.

Many of these have been completed and our content team are adding new unifications all the time.

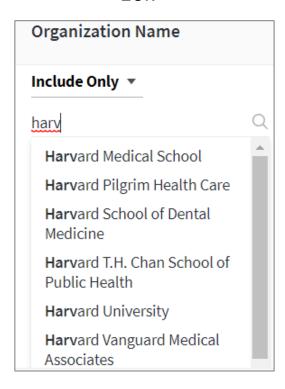




How Unified data can be used

Organizations

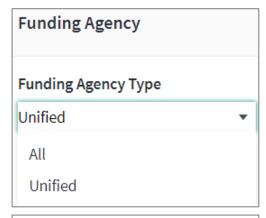
16k +



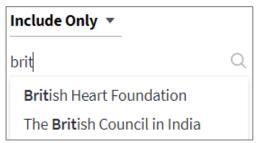
Only unified Organizations are included in InCites.

Funding Agencies

1.4k +

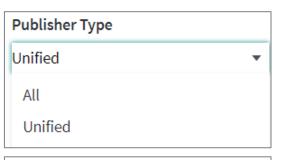


Funding Data Source	
All Sources	•
All Sources	
Funding Text	



Publishers

5k+





Both unified and ununified Funding Agencies and Publishers are included, with an option to select which.

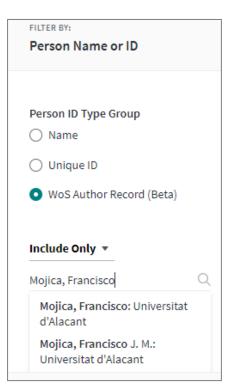


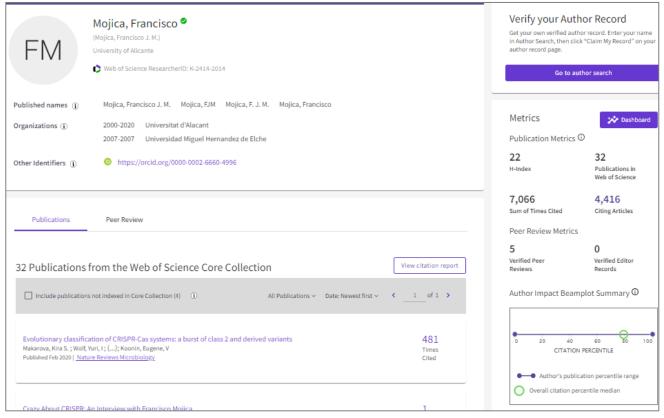
How Unified data can be used

Researcher Profiles

27.8m +







Web of Science Researcher Profiles

- A powerful disambiguation algorithm is minting Researcher Profiles which reflect single authorship.
- Profiles can be claimed and managed and curated by the researcher
- Unclaimed researcher records are solely curated by the algorithm
- Researcher Profiles capture
 the reseachers presence in
 Web of Science and various
 data points such as affiliations,
 publications and metrics are
 computed.

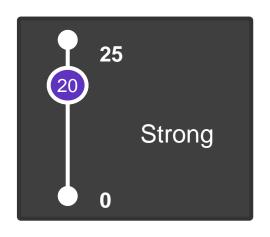


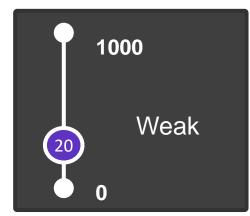
Normalization



The need for normalization







Taking the **context** into account is **essential** when doing analysis. When proper normalization is applied, meaningful analysis and comparison can be generated. Like when:

- Benchmarking of countries/institutions of different size, funding and specialization
- Uncovering expertise in niche topics



There are three key variables that influence citation patterns

In order to make true comparisons that are actionable, we must adjust for these variables. This is normalization.

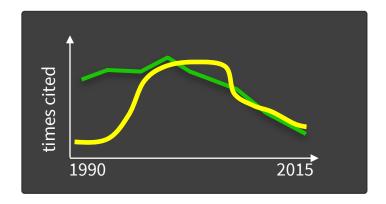
CATEGORY

Biology
Business
Law Oncology
Respiratory System
Agronomy
Substance Abuse

Citation frequencies vary considerable from one research area to another.

Here, those research areas are defined as "categories."

ELAPSED TIME



Citations accumulate over time. The longer an article exists, the greater its chances of being cited.

And yet, some articles will initially receive many citations, but then go cold.

DOCUMENT TYPE

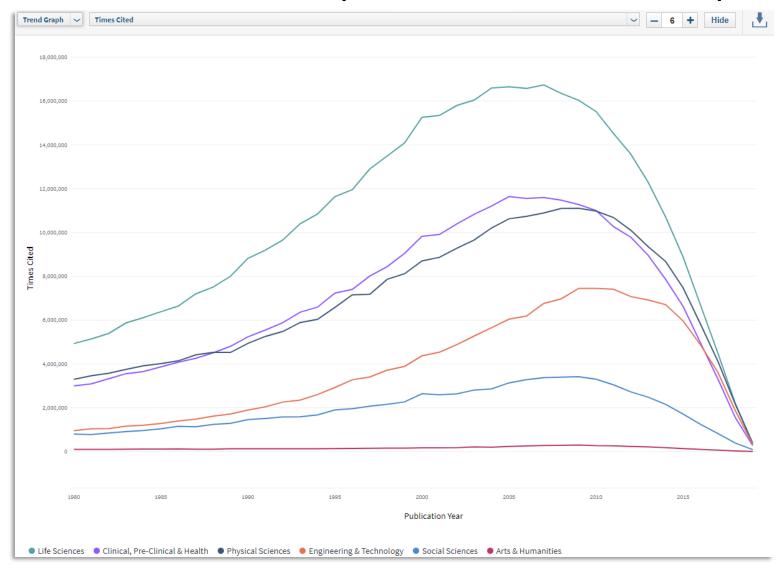


The frequency of citations is typically higher for review articles than for primary research articles, books, or editorials.



Citation rates variations

Citation counts of the world's publications in various broad disciplines



Comparison of publications in: Life Sciences; Clinical, Pre-clinical & Health; Physical Sciences; Engineering & Technology; Social Sciences; Arts & Humanities.

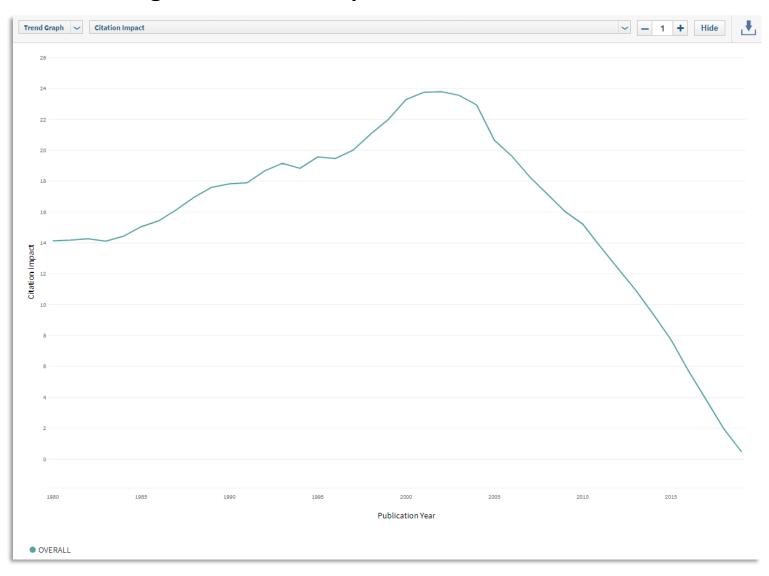
The citation received by publications in the different subject categories also varies considerably.

So this too should be taken into account when measuring a publication's true impact.



Citation rates variations

Citation averages of the world's publications since 1980



Comparison of citations received by publications published in different years.

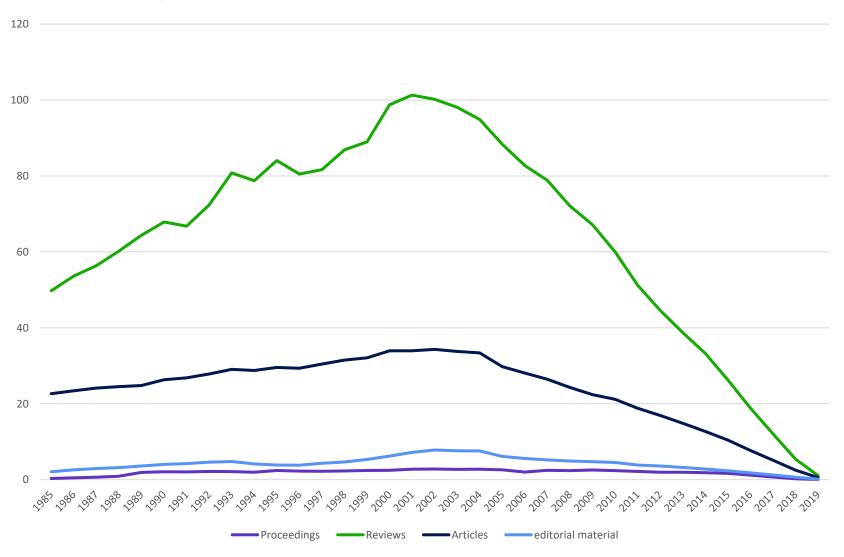
Older publications tend to receive more citations than younger one.

The age of publications should therefore be taken into account when measuring a publication's true impact.



Citation rate variations

Citation averages of the world's publications by document types



Articles: 780M+ citations
Editorials: 10M+ citations
Proceedings: 12M+ citations
Reviews: 92M+ citations

The citation averages vary significantly for the different types of publication.
So this should be taken into account when measuring the true impact of publications.



Normalisation at Paper Level – Category Normalized Citation Impact



How many citations should I expect from my papers? How do my papers perform in my field?

How do other researchers perform in my field?

Average of citations received by a *Review* published in 2020 in the *Green & Sustainable*Science & Technology and Energy Fuels categories.

Indicator of performance in *Green*& Sustainable Science &
Technology and Energy Fuels for
this Review published in 2020:
If>1, performs higher than average
If<1, performs lower than average.

Article Title	Authors	Source	Research Area	Document Type	Publication Date	Times Cited ÷	Journal Expected Citations	Category Expected Citations	Journal Normalized Citation Impact	Category Normalized Citation Impact	Percentile in ① Subject Area
A review on biomass derived syngas for SOFC based combined heat and power application	Radenahmad, Nikdalila; Azad, Atia Tasfiah; Saghir, Muhammad; Taweekun, Juntakan; Abu Bakar, Muhammad Saifullah; et al.	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY; ENERGY & FUELS	Review	2020	22	9	6.23	2.44	3.53	96.05

Times Cited/Category Expected Citations: 22/6.23 = **3.53**Global average ~ 1



Normalisation at Paper Level – Journal Normalized Citation Impact



How do my papers perform in the journals I publish? How is my research perceived by the journals I publish in? Is there a journal article level metric to help me go beyond the Journal Impact Factor?

Average of citations received by a *Review* published in 2020 in the *Renewable & sustainable Energy Reviews* journal.

Indicator of performance of this Review in this journal: If>1, performs higher than average If<1, performs lower than average.

Article Title	Authors	Source	Research Area	Document Type	Publication Date	Times Cited ‡	Journal Expected Citations	Category Expected Citations	Journal Normalized Citation Impact	Category Normalized Citation Impact	Percentile in 6 Subject Area
A review on biomass derived syngas for SOFC based combined heat and power application	Radenahmad, Nikdalila; Azad, Atia Tasfiah; Saghir, Muhammad; Taweekun, Juntakan; Abu Bakar, Muhammad Saifullah; et al.	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY; ENERGY & FUELS	Review	2020	22	9	6.23	2.44	3.53	96.05

Times Cited/Journal Expected Citations: 22/9 = **2.44**Global average ~ 1



Percentiles



Normalisation at Paper Level – Percentile in Subject Area



Knowing I am better than average is not enough. Where do my research papers stand in competition to other papers?

Do I have highly cited papers amongst my publications?

- Percentiles rank publications within a Research/Subject Area.
- The larger the percentile number, the higher ranked the publication (in a scale of 0-100).

Article Title	Authors	Source	Research Area	Document Type	Publication Date	Times Cited ÷	Journal Expected Citations	Category Expected Citations	Journal Normalized Citation Impact	Category Normalized Citation Impact	Percentile in 6 Subject Area
A review on biomass derived syngas for SOFC based combined heat and power application	Radenahmad, Nikdalila; Azad, Atia Tasfiah; Saghir, Muhammad; Taweekun, Juntakan; Abu Bakar, Muhammad Saifullah; et al.	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY; ENERGY & FUELS	Review	2020	22	9	6.23	2.44	3.53	96.05

This article has a percentile of **96.05**, putting it in the top **4%**. One of the top *Reviews* in its field, published in *2020*.



Normalisation at Paper Level – Percentile in Subject Area

Article Title	Research Area	Docume	nt Type	Publication	Date	Times Cited	Percentile in Sub	ject Area
Management of Myocarditis-Related Cardiomyopathy in Adu	1.37.1920 Myocarditis	Article			2019	47		100
Microbiota-derived peptide mimics drive lethal inflammatory					19	41		99.4318
Arrhythmias in myocarditis: State of the art	1.37.19 The publicat					36		98.8636
Fulminant Versus Acute Nonfulminant Myocarditis in Patients	1.37.19 the they all h	nave the san	ne <i>Rese</i>	arch Area	, 19	34		98.2955
Blocking the IL-1 signalling pathway prevents chronic viral my	1.37.19 Document	้ Type and Pu	ublicati	on Date.)19	31		97.7273
Prognostic Value of Repeating Cardiac Magnetic Resonance in	1.37.1920 iviyocarditis	Article			2019	19		97.1591
Mode-of-action of the PROPELLA concept in fulminant myoca	1.37.1920 Myocarditis	Article			2019	18		96.5909
Cardiac MRI and Texture Analysis of Myocardial T1 and T2 Ma	1.37.1920 Myocarditis	Article			2019	17		96.0227
Frequency of troponin elevations in patients with influenza in	1.37.1920 Myocarditis	Article			2019	15		94.3182
Comparison of myocardial fibrosis quantification methods by	1.37.1920 Myocarditis	Article		The constal!	2040	4.5	l less Tires en Citare	04 2182
Astragalus polysaccharide from Astragalus Melittin ameliorat	1.37.1920 Myocarditis	Article					by Times Cites.	l82
Longitudinal F-18-FDG PET imaging in a rat model of autoimm	1.37.1920 Myocarditis	Article			•		00%, the one at t ers are ranked an	KIX
Intravenous Immunoglobulin Therapy for Acute Myocarditis in	1.37.1920 Myocarditis	Article					to their position	212
Self-reactive CD4(+) IL-3(+) T cells amplify autoimmune inflan	1.37.1920 Myocarditis	Article		receive per	2012	uccorum	, to their position	91رونو
Low-intensity pulsed ultrasound attenuates cardiac inflamma	1.37.1920 Myocarditis	Article			2019	11		90.9091
Impact of systemic immune-mediated diseases on clinical fea	1.37.1920 Myocarditis	Article			2019	11		90.9091
Diagnostic and prognostic role of cardiac magnetic resonance	1.37.1920 Myocarditis	Article			2019	11		90.9091
Role of intravenous immunoglobulin therapy in the survival ra	1.37.1920 Myocarditis	Article			2019	10		89.2045
Clinical presentation and early predictors for poor outcomes	1.37.1920 Myocarditis	Article			2019	10		89.2045
A life support-based comprehensive treatment regimen dram	1.37.1920 Myocarditis	Article			2019	10		89.2045



Responsible Use of Metrics



Use a range of indicators when analyzing



% Documents in Top 1%					
Documents in Top 1%					
% Documents in Top 10%					
Documents in Top 10%					
% Documents Cited					
Documents Cited					
Citation Impact					
1 Year Citing All Prior Years Cumulative					
H-Index					
Web of Science Documents					
Times Cited					
Category Normalized Citation Impact					
Journal Normalized Citation Impact					
Impact Relative to World					
Average Percentile					
International Collaborations					
% International Collaborations					
% Industry Collaborations					
Industry Collaboration					

	All Open Access Documents					
	DOAJ Gold Documents					
	Other Gold Documents					
	Green Accepted Documents					
	Green Published Documents					
Open	Bronze Documents					
Access	% All Open Access Documents					
	% DOAJ Gold Documents					
	% Other Gold Documents					
	% Green Accepted Documents					
	% Green Published Documents					
	% Bronze Documents					
	% First Author (2008-2020)					
	% Last Author (2008-2020)					
Author positions	% Corresponding Author (2008-2020)					
positions	First Author (2008-2020)					
	Last Author (2008-2020)					
	Corresponding Author (2008-2020)					

	Documents in JIF Journals						
	Documents in Q1 Journals						
	Documents in Q2 Journals						
	Documents in Q3 Journals						
	Documents in Q4 Journals						
JCR	% Documents in Q1 Journals						
metrics	% Documents in Q2 Journals						
	% Documents in Q3 Journals						
	% Documents in Q4 Journals						
	Quartile						
	Cited Half Life						
	Article Influence						
	Immediacy Index						
	Eigenfactor						
	5 Year Impact Factor						
	Impact Factor without Self Cites						
	Journal Impact Factor						
ESI	% Hot Papers						
metrics	Hot Papers						
	% Highly Cited Papers						
	Highly Cited Papers						
	ESI Most Cited						



Be aware of the influence of outliers



Sorting by Category
Normalized Citation
Impact shows *Huabei*Normal University as top
ranked with over 106
times the global average.

Organization Name	Rank …	Web of Science ··· Documents	Category Normalized Citation Impact
Huaibei Normal University	1	3	106.23
Windber Research Institute	2	3	57.64
Saint Joseph's University	3	6	44.46
Shenzhen Bay Laboratory	4	2	36.69

However, they have only published 3 documents in the past 5 years in this Research area.



Web of Science Documents

50 \$\\$1611025 \$\\$
MINIMUM MAXIMUM

Applying a filter, to restrict the analysis to
Organizations that have published 50+ documents, removed these outliers.

Organization Name	Rank …	Web of Science ··· Documents	Category Normalized Citation Impact
University of Chicago Medical Center	1	50	8.28
Southern University of Science & Technology	2	60	7.9
Regeneron	3	170	6.67
New York Blood Center	4	92	5.13

Another example of this is documents that have hundreds of authors.

These can receive an inflated number of citations, so you might decide to remove them by using the *Number of Authors* filter.



Where possible compare 'like to like'



Sorting by % Industry
Collaboration shows
Emmes Corporation and
Rho as equal top ranked
with 100%.

Organization Name	Rank …	Web of Science ··· Documents	% Industry Collaborations
Emmes Corporation	1	133	100%
Rho	1	53	100%
Vitalant	3	87	98.85%
Vitalant Research Institute	4	86	98.84%

All the top Organizations were Corporates.
Comparing universities to these, may be unfair.

Applying a filter, to restrict the analysis to *Academic* Organizations, ensured *like* was compared to like.

Organization Name	Rank …	Web of Science ··· Documents	% Industry Collaborations **
Dongguk University	1	65	24.62%
Joint Clinic Research Center - United Arab Emirates	2	65	23.08%
Curtin University	3	169	20.71%
Victoria University Wellington	4	152	18.42%

Organization Type
Include Only ▼

Academic ×

Another example would be comparing journal performance, where some may publish lots of *Reviews*, while others mainly *Articles*. This would be unfair, as document types attract different levels of citation.



Informed Use of Bibliometrics

Ten Rules in Using Publication and Citation Analysis

- 1. Consider whether available data can address the question
- 2. Choose publication types, field definitions, and years of data
- 3. Decide on whole or fractional counting
- 4. Judge whether data require editing to remove "artifacts"
- 5. Compare like with like
- 6. Use relative measures, not just absolute counts
- 7 Obtain multiple measures
- 8. Recognize the skewed nature of citation data
- 9. Confirm that the data collected are relevant to the question
- 10. Ask whether the results are reasonable

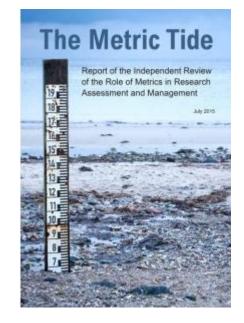
And, above all, present the results openly and honestly

David Pendlebury (2008): "Using Bibliometrics in Evaluating Research"



https://sfdora.org/







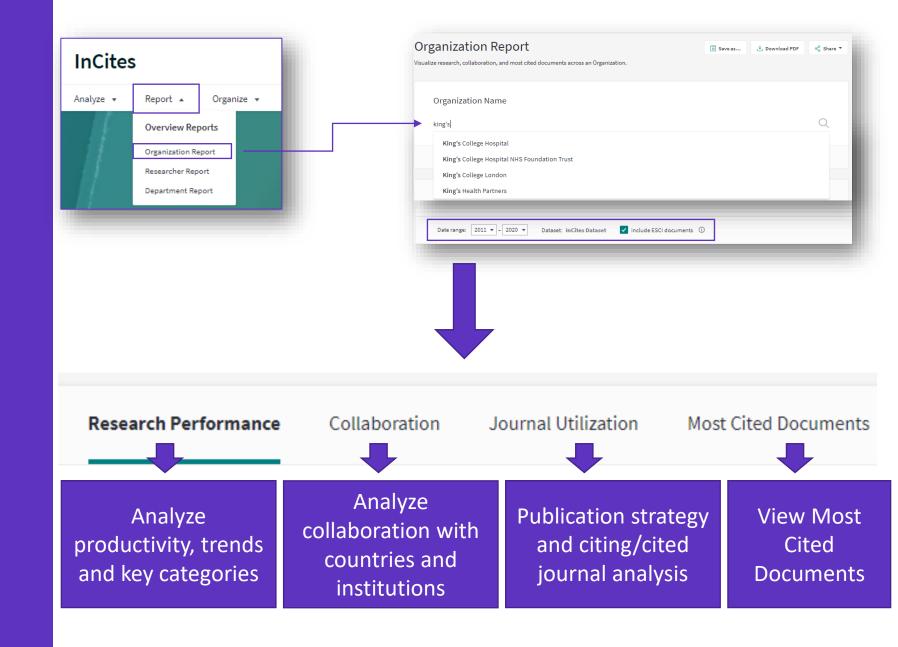
Organization Report



InCites Reports – Organization report

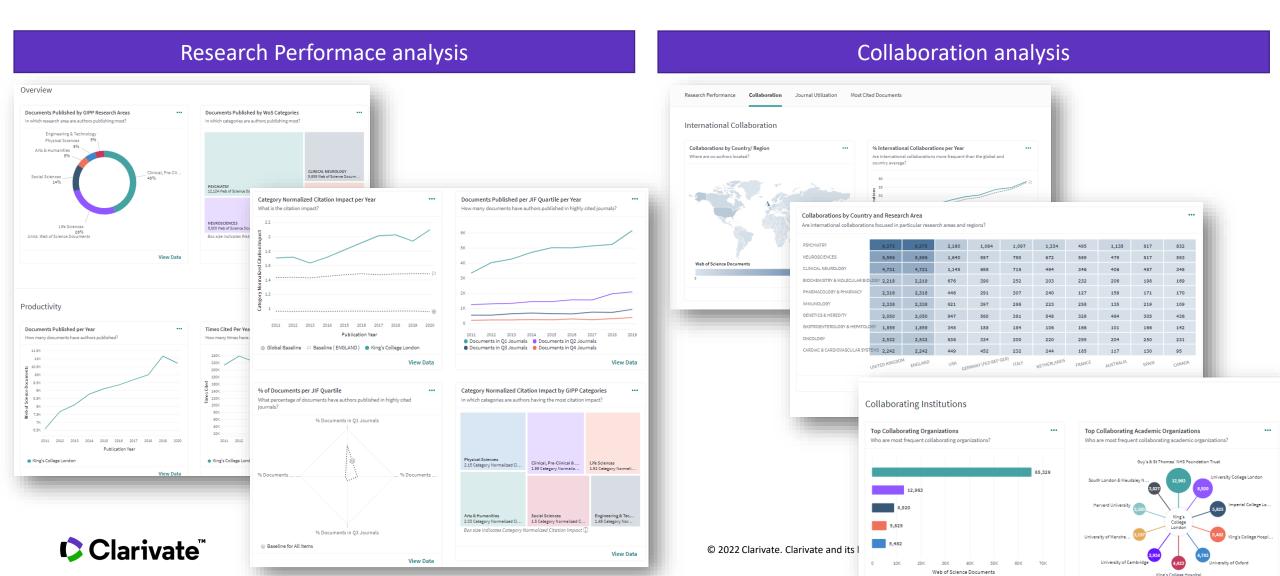
Quick overview on institutions performance, collaboration and publication strategy

- 1. Select Organization Report from the Report menu
- 2. Select your institution, define the time frame and select/deselect Emerging Sources Citation Index
- 3. View the updated Research Performance, Collaboration, Journal Utilization reports and Most Cited Documents



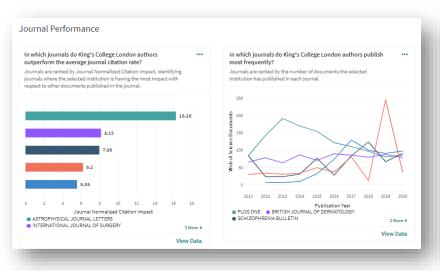


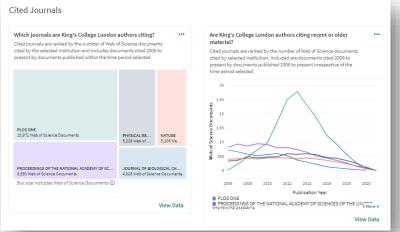
Organization report – quick overview on institutions performace

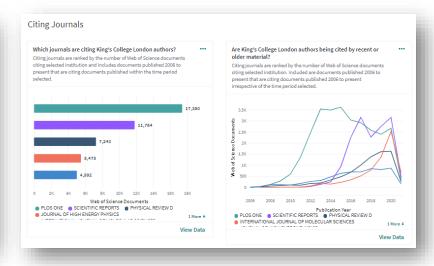


Organization report – Journal utilization

Improve publication strategy and understand key journals for your institution







Journal Performance - Improve your publication strategy by selecting journals, where your publications perform better

Cited Journals - Analyze journals, that are often cited by your authors and therefore are key for your institution

Citing Journals - analyze journals, that often cites your authors and therefore are key for your institution



Researcher Report

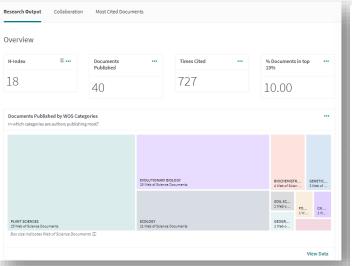


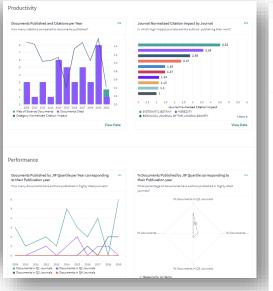
Researcher report – quick overview on researchers performance

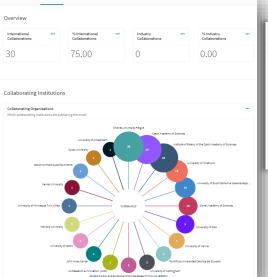


- 1. Select Researcher Report
- 2. Select ResearcherID or ORCID
- 3. Define the data range and ESCI
- *MyOrganization subscribers can select their MyOrganization dataset

View updated analysis on Research output, Collaboration and Most Cited Documents











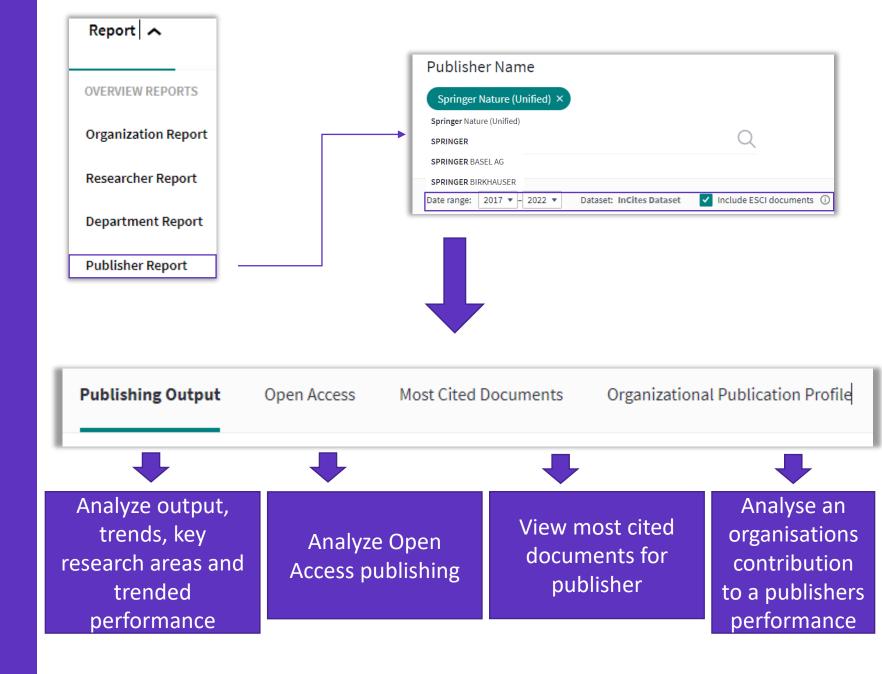
Publisher Report



InCites Reports – Publisher Report

Quick overview on a publishers, performance including output, impact, research areas and Open Access

- 1. Select Publisher Report from the Report menu
- 2. Select the Publisher, define the time frame and select/de-select Emerging Sources Citation Index
- 3. View the updated Publishing Output, Open Access, Most Cited Documents and Organizational Publication Profile



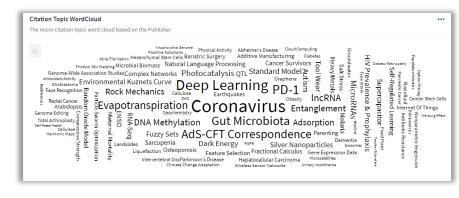


Publisher report –

Better understand the performance and composition of your portfolio



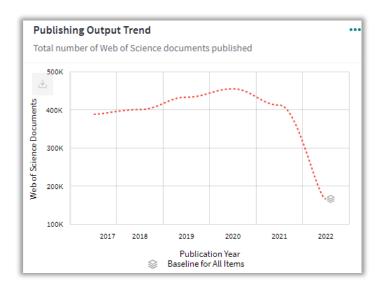




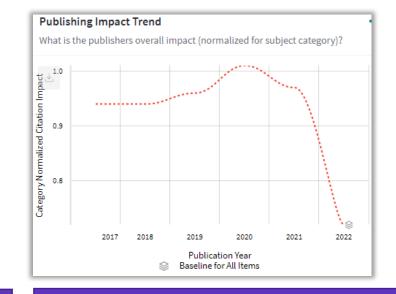
Publishing Profile-Better understand the general and granular topics of your research output using the Citation Topic classification Publishing Impact – Better understand the research areas of high and low impact at the general and granular level using the Citation Topics classification Citation Impact Word Cloud-analyse the most prolific topics published by your portfolio in the time period selected



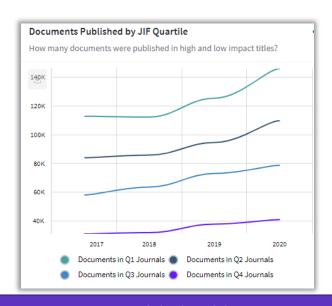
Better understand the performance and composition of your portfolio



Publishing Output Trend- view your publishing output in a trended visualization to analyse output over time



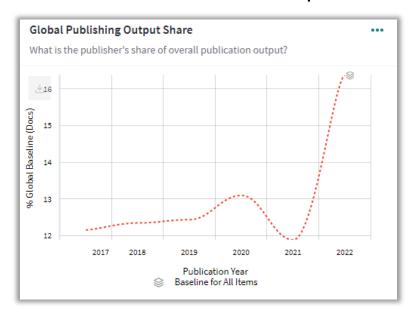
Publishing Impact Trend – view your portfolio's trended normalized impact overtime to better understand the historical rise or decline in impact



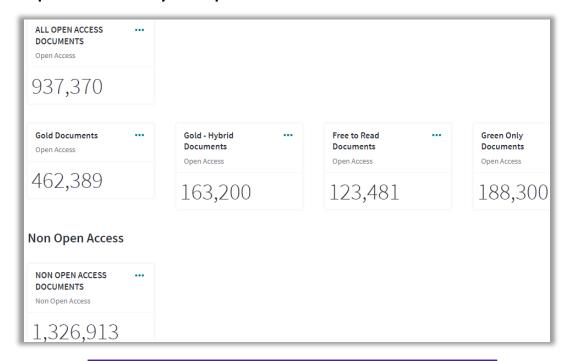
Documents Published by JIF Quartileview the trended performance of your output by counting documents published in high and low impact titles over time



Better understand the performance and composition of your portfolio



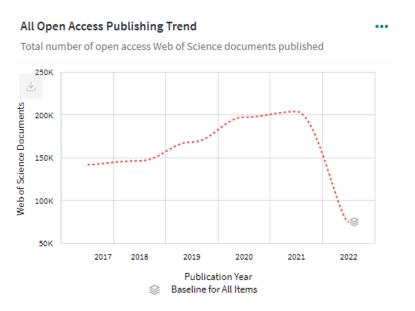
Global Publishing Output Share- view your publishing output compared to the rest of the world to better understand your portfolio's contribution to global scholarly literature

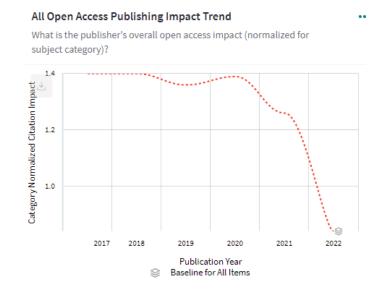


Open Access Analysis – view the Open Access publishing strategy of your portfolio for the time period selected



Better understand the performance and composition of your portfolio



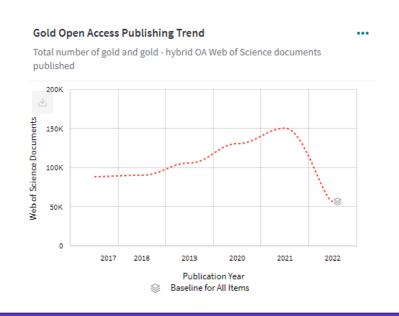


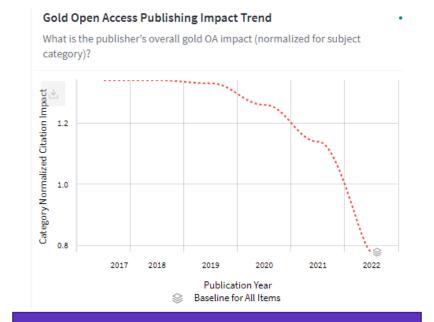
All Open Access Publishing Trend- view your open access publishing output in a trended visualization to analyse Open Access output over time

Open Access Publishing Impact Trendview your portfolio's Open Access trended normalized impact overtime to better understand the historical rise or decline in impact of your Open Access publications



Better understand the performance and composition of your portfolio





Open Access Publishing Trend- view your Open Access publishing strategy over time with respect to Gold and Gold-Hybrid publications

Gold Open Access Publishing Trend Publishing Impact Trend — view your portfolio's trended normalized impact with regard to Gold OA publications to better understand the historical rise or decline in impact of this publishing strategy

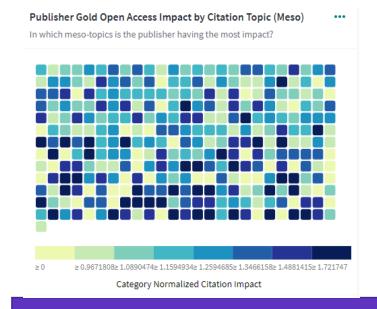


Better understand the performance and composition of your portfolio



Gold Open Access Impact by Meso Citation Topic – better understand the narrower research areas of high and low impact regarding your Open Access publishing strategy

Gold Open Access Impact by Macro Citation Topic- better understand the general research areas of high and low impact with regard to your Open Access publishing strategy

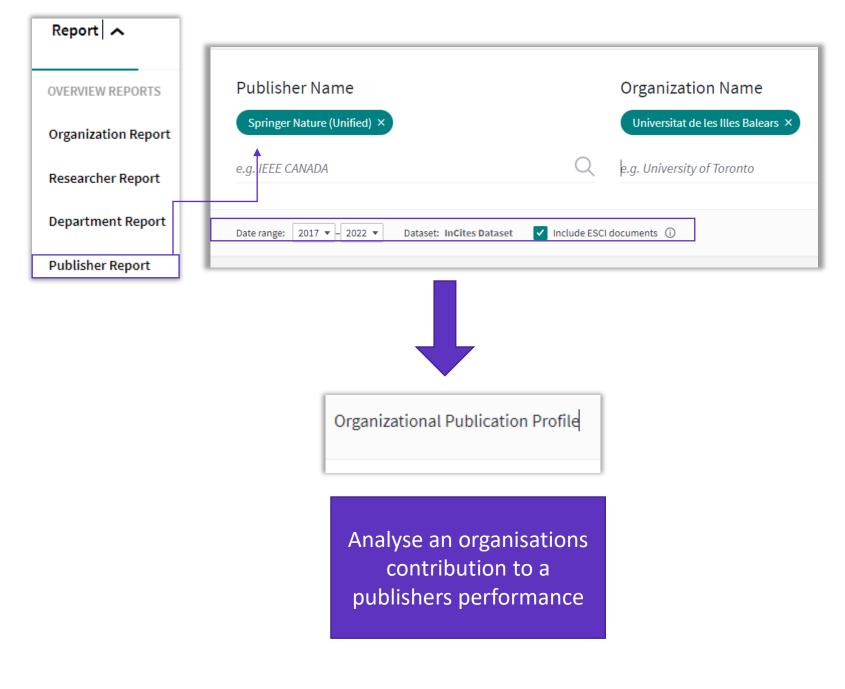




InCites Reports – Publisher Report with Organisation

Quick overview on an organiations contribution and performance in relation to documents published by a defined Publisher

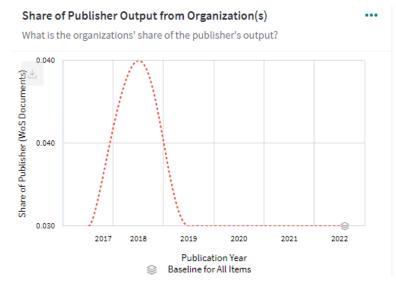
- 1. Select Publisher Report from the Report menu
- 2. Select the Publisher, define the time frame and select/de-select Emerging Sources Citation Index
- 3. Select the report 'Organizational Publication Profile.
- 4. Search for your organisation
- 5. All analysis will update to reflect your organisations output with the selected Publisher

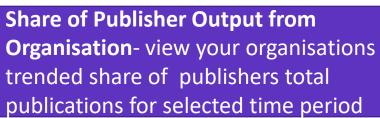




Publisher Report- Organizational Publication Profile

Better understand the your organisations contribution, impact and OA output with a Publisher







Organisation Share of Citations—view your organisations trended citation contribution to total citations received to the publisher for the time period selected

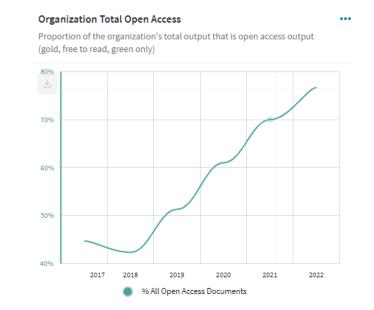


Publisher Report- Organizational Publication Profile

Better understand the your organisations contribution, impact and OA output with a Publisher



Open Access Profile for Organisation-view your organisations OA publishing strategy with Publisher over time



Organisation Total Open Acess—view your organisations proportion of total output that is open access output (gold, free to read, green only) over time



Building your own analysis: Organizations

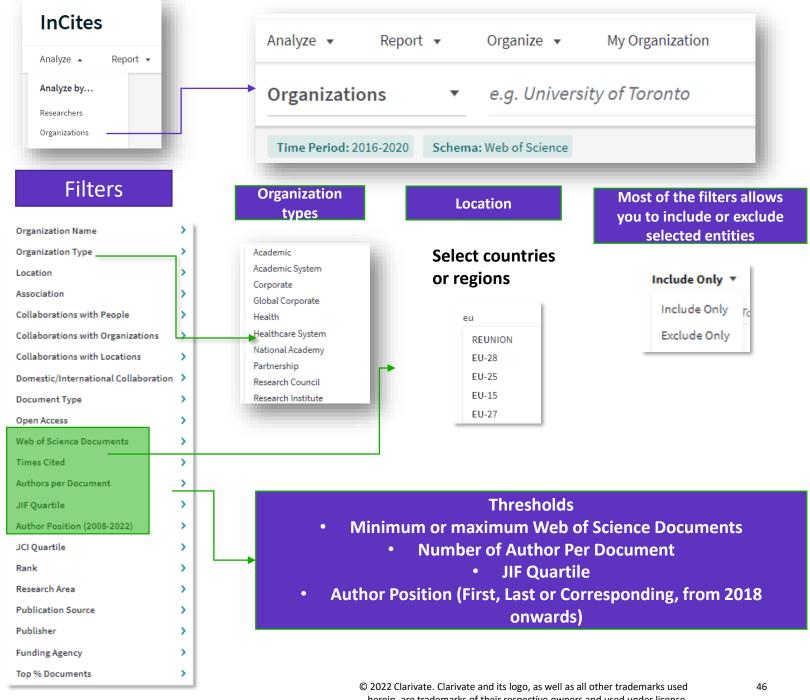


Organization analysis

- 1. Select Organization from the dropdown
- 2. Define your institution on the top and use filters to shapen your analysis.

Use cases:

- Compare institutions in your country → select Location and filter for your country
- Compare peer institutions → select peer institutions in Organization Name
- Compare academic institutions only → select Organization Type filter



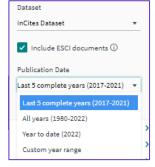
Organization analysis – additional filters and sorting

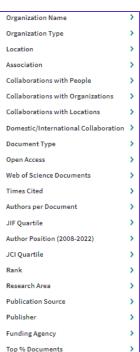
Your applied filters and clearing filters

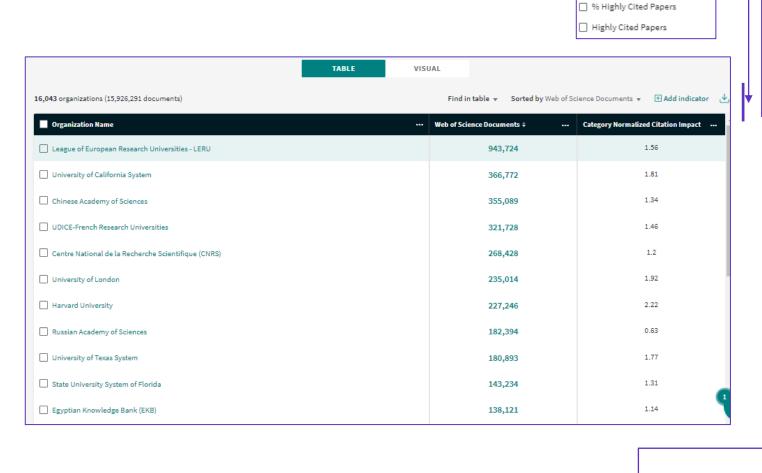
Define time period and select ESCI

Compare institutions performance:

- In a selected research area
- In a selected journal
- Published at a selected publisher
- Funded by a selected Funding Agency







Pin to top

(II) Create group

Show only

Select
indicators,
Add,
remove, sort
and
reorder
table
columns

Show and hide items, pin to top and create custom groups

PRODUCTION

☐ ESI Most Cited

Web of Science Documents

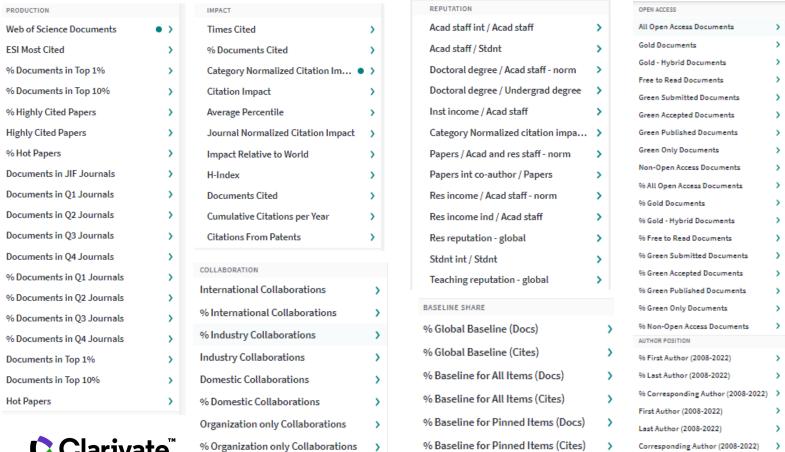
 □ % Documents in Top 1%

 □ % Documents in Top 10%

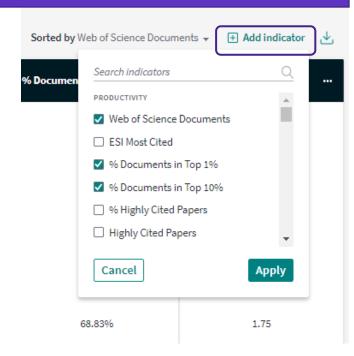
Selecting indicators

Select your indicators

The indicators panel provides short explanation of the metrics



Fast selection on the right side



Detailed information on indicators and metrics:

https://incites.help.clarivate.com/Conten t/Indicators-Handbook/ih-about.htm

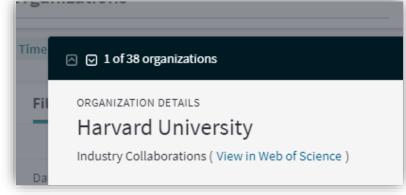


Clickable documents and View in WOS

View the documents for all counts in all tables



Export records from InCites to the Web of Science



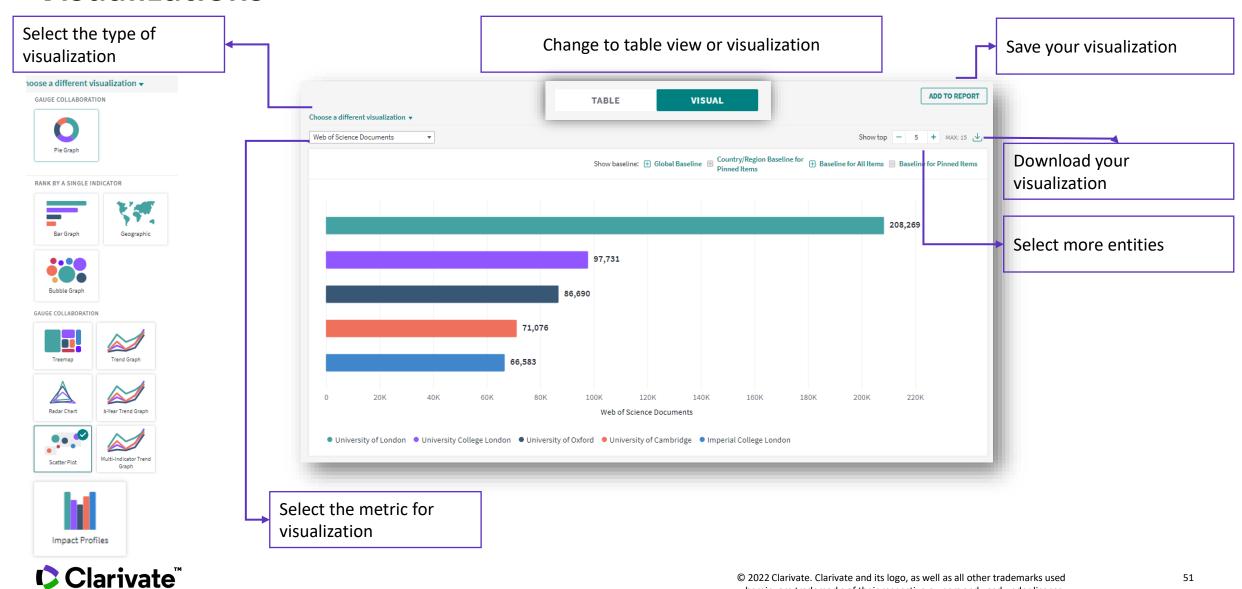
Gain a deeper understanding of performance and conduct more granular assessments with more flexible analysis options.



Basic Visualizations

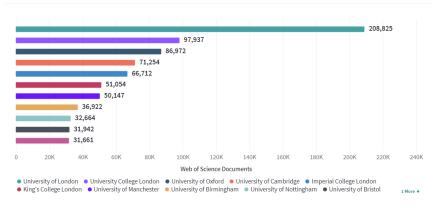


Visualizations

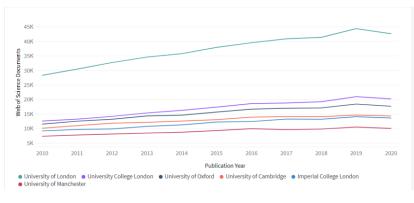


Basic types of visualizations

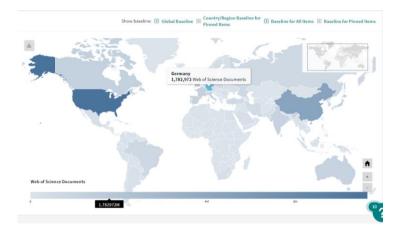
Bar graph



Trend graph



Geographic

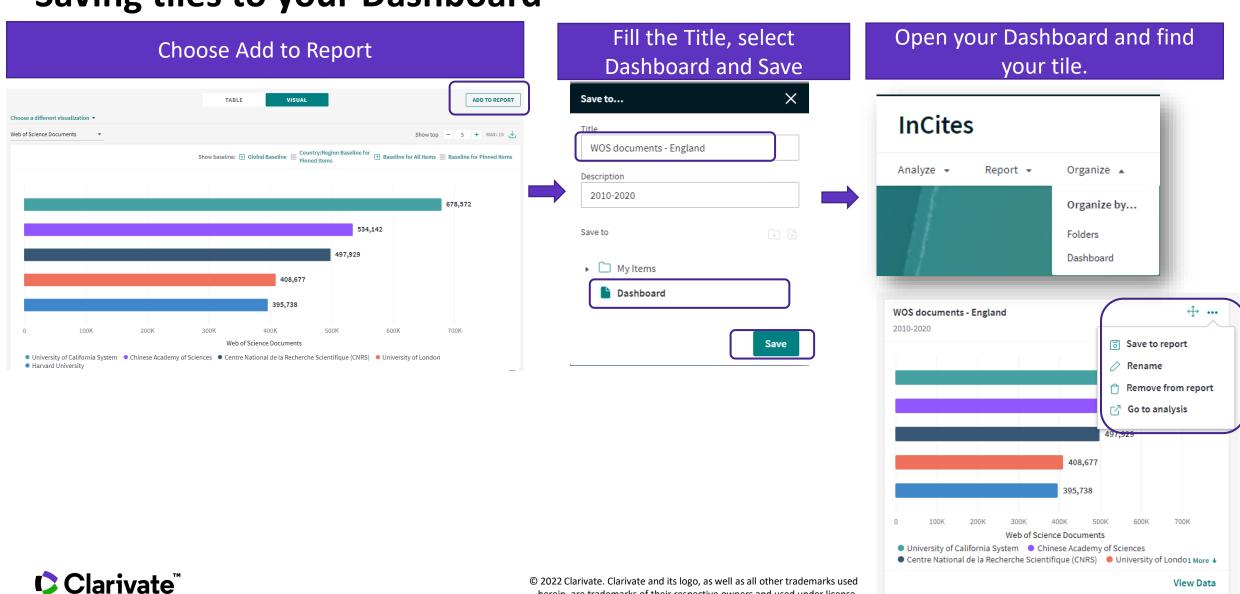




Saving tiles and sharing



Saving tiles to your Dashboard



herein, are trademarks of their respective owners and used under license.

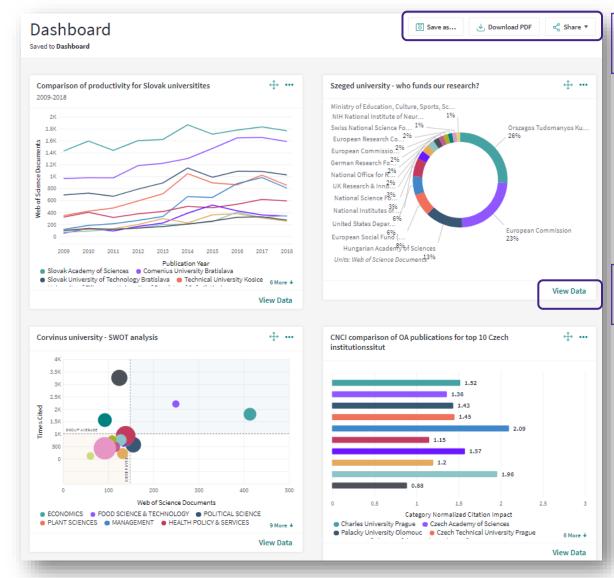
Dashboard

Save your tiles to your dashboard.

Tiles will be updated every month with the InCites data refresh.

You can save or download your tiles to PDF.

Share your Dashboard with your colleagues



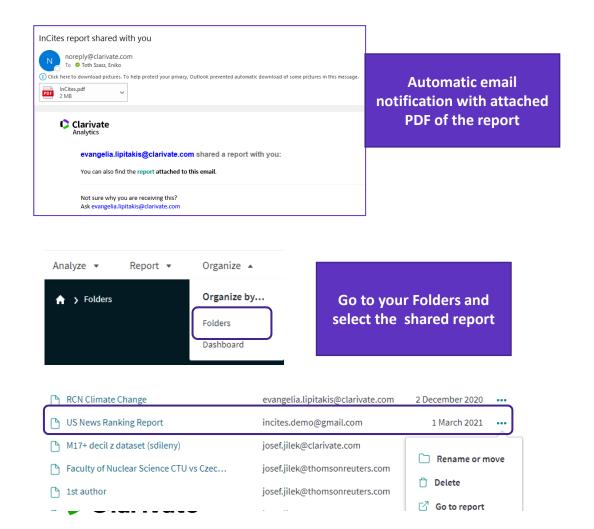
Save, download or share your Dashboard

View the underlying data

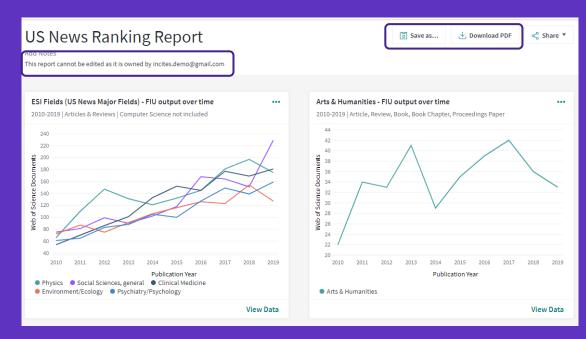


Shared Reports

Someone shared a report with you



Shared reports

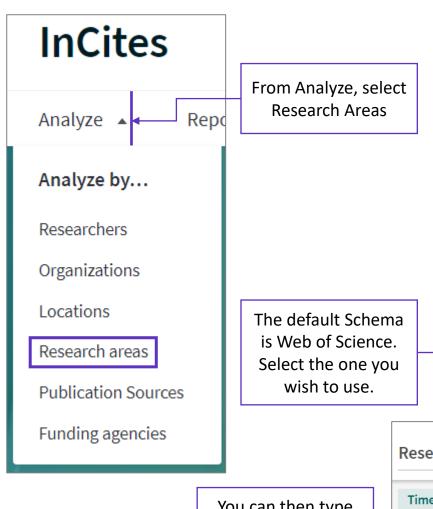


- Shared reports are owned by other, therefore you can't change them.
- You will see any changes the owner does.
- You can save the Report or download PDF.
- You can't share shared reports by others.

Research Areas Analysis



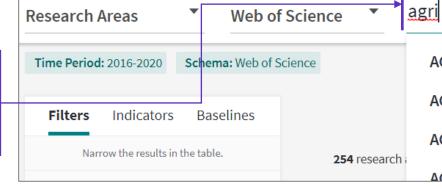
Research Areas Analysis



e.g. Chemi Web of Science **FAPESP** Web of Science OECD **Citation Topics** UK RAE (2008) Essential Science Indicators UK REF (2014) Sustainable Development Goals UK REF (2021) **ANVUR** KAKEN-L2 (Bunya2-H20) (10) **GIPP** KAKEN-L3 (Bunka3-H20) (66) Australia FOR Level 1 CAPES (9) Australia FOR Level 2 China SCADC Subject 97 Narrow CAPES (49) China SCADC Subject 13 Broad **CAPES (121)** Shanghai GRAS RIS3 PL19

Citation Topics are based on co-citation clusters, at *Article* level and documents can only be in one area. All other Schema are based on the areas that Journals operate in, so documents could be in more than one area. Research Areas.

You can then type part of the name of the field and pick from the list.



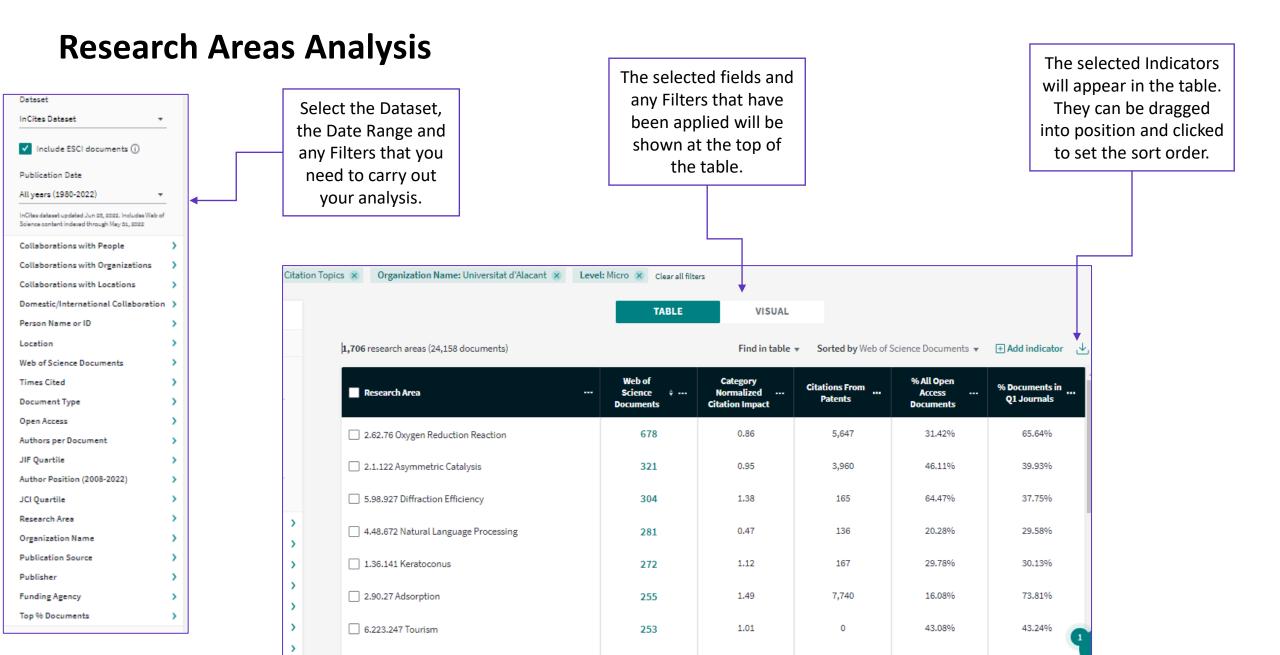
SCHEMA

AGRICULTURAL ENGINEERING

AGRICULTURAL ECONOMICS & POLICY

AGRICULTURE, DAIRY & ANIMAL SCIENCE

AGRICULTURE MULTIDISCIPLINARY



245

1.13

929

11.43%

23.33%



2.1.1585 Metalation

Introducing Citation Topics

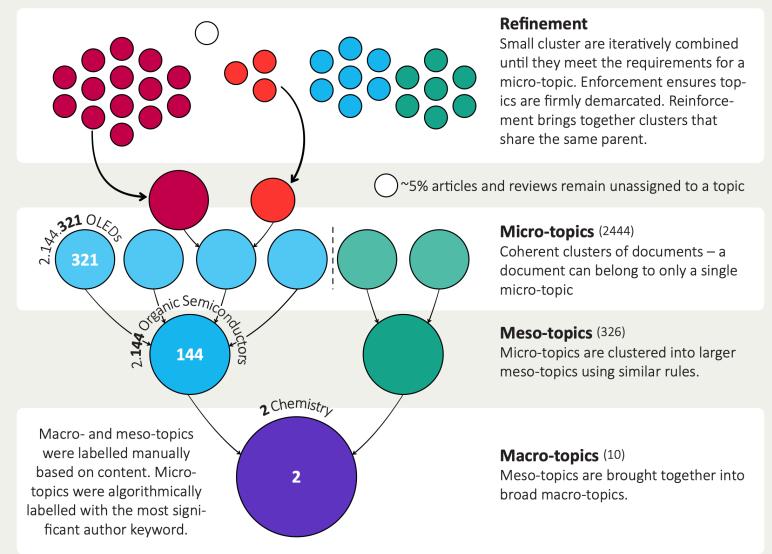
Citation Topics are clusters of documents related by citation. The algorithm was developed by CWTS (Leiden) and deployed under the stewardship of ISI.

The output is a three-tier hierarchical classification system. Each document belongs to a single microtopic.



Clustering

Documents are clustered based on their cited and citing paper relationships (including citations to pre-1980 documents). The algorithm includes rules to ensure that a high proportion of documents are clustered.



Updating

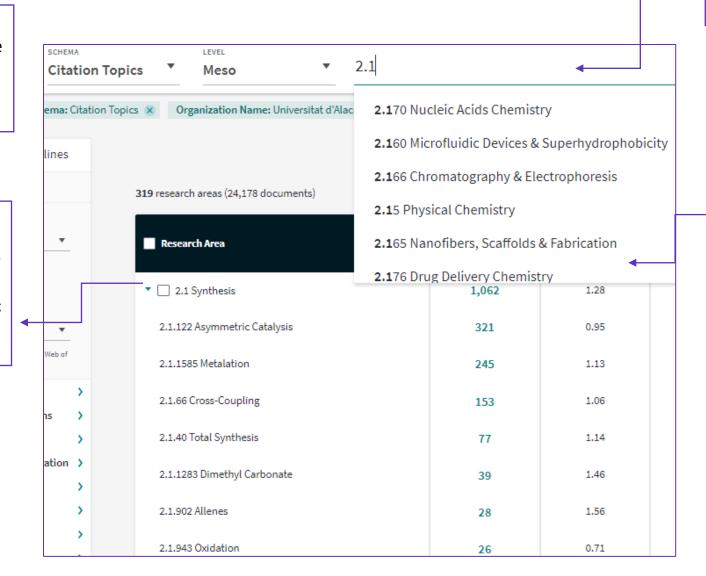
Each month, new documents are added to existing topics based on their cited references. A full clustering update is carried out yearly.



Research Areas Analysis- Citation Topics

If you select Macro Level and type in a field name (like *Chemistry*), the list of Meso fields within the *Chemistry* Macro field will be displayed for analysis.

Citation Topics are now displayed as a hierarchy. You can expand from top level to bottom level. For example for the Meso Topic 2.1 Synthesis you can expand the topic all view in the table all micro topics mapped to the meso topic.



When typing in the topic name, all topics that match the characters will be displayed. Multiple Topics can be added.

You can also type in the number of the topic and all topics with that number will be displayed for selection.



SDGs in InCites

New visualization reporting 16 SDGs



Indicators: Web of Science Documents. Time Period: 2016-2020. Schema: Sustainable Development Goals. Dataset: InCites Dataset InCites dataset updated Dec 17, 2021. Includes Web of Science content indexed through Nov 30, 2021. Export Date: Jan 19, 2022.

- Mapping for all publication years (from 1980 onwards)
- 16 of the 17 SDGs included



InCites Methodology

- In order to provide SDG classification of publications in InCites, we are mapping the Micro Citation Topics to the appropriate SDGs
- Mapping transparency available in the Help File

SDGs in InCites:

- Clarivate maps Micro Citation Topics to the appropriate SDGs
- Maintain relevancy: Yearly re-clustering of Citation Topics
- Transparent and high precision method: InCites publishes mapping document
- Community feedback: Our InCites team are open to feedback and suggestions in order to improve and evolve SDG analysis.
- Use SDG data in your systems: Data available via the InCites API

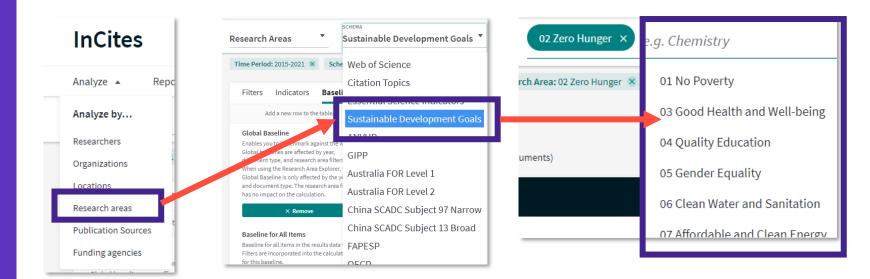
https://incites.help.clarivate.com/Content/Research-Areas/sustainable-development-goals.htm

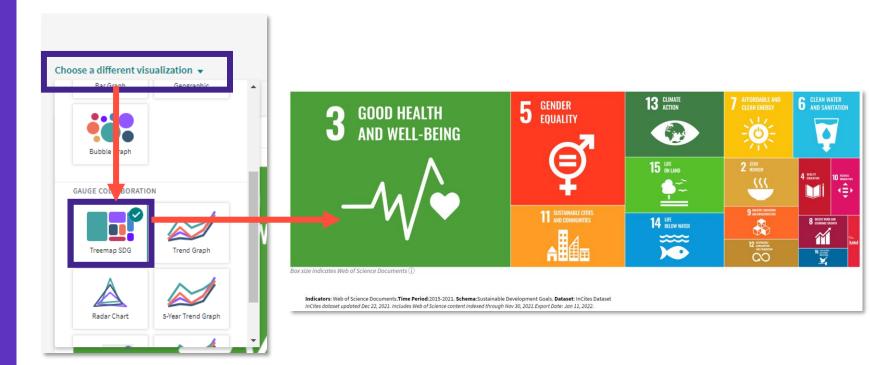


How to analyze SDGs in InCites

- Go to Analyse by: Research Area
- Select 'Sustainable Development Goals' from schema
- View all 16 SDGs or any combination
- Select the new Treemap SDG visualization
- 5. View up to all 16 SDGs in the tree map
- Use SDG data in your systems: Data available via the InCites API
- Collect SDG data in Incites and push to Web of Science for further investigation (Full Text, Citation Network)







SDG Mapping- Micro Citation Topics mapped to SDG's

23 3.32.1249 Araneae

25 3.4.1474 Boron

24 3.40.627 Deforestation

26 3.51.1719 White Clover

28 3.45.1109 Geostatistics

29 3.87.2131 Miscanthus

30 3.4.1651 Greenhouse

34 3.40.838 Rangelands 35 3.4.1637 Nitrate Reductase

32 6.178.1183 Microfinance

33 1.249.1374 Enteral Nutrition

31 3.45.1903 Biochar

27 3.85.1711 Antinutritional Factors





https://incites.help.clarivate.com/Content/Research-Areas/sustainable-development-goals.htm



26 1.119.259 HER2

27 1.219.1342 Cardiotoxicity

31 1.128.482 Contraception

32 1.179.2434 Anal Cancer

37 8.124.552 Air Pollution

38 1.228.200 Dengue

33 1.228.994 Ebola Virus

34 1.66.46 HIV-1

30 1.147.859 Androgen Receptor

35 1.100.1013 Alcoholic Liver Disease 36 1.194.273 Mycobacterium Tuberculosis

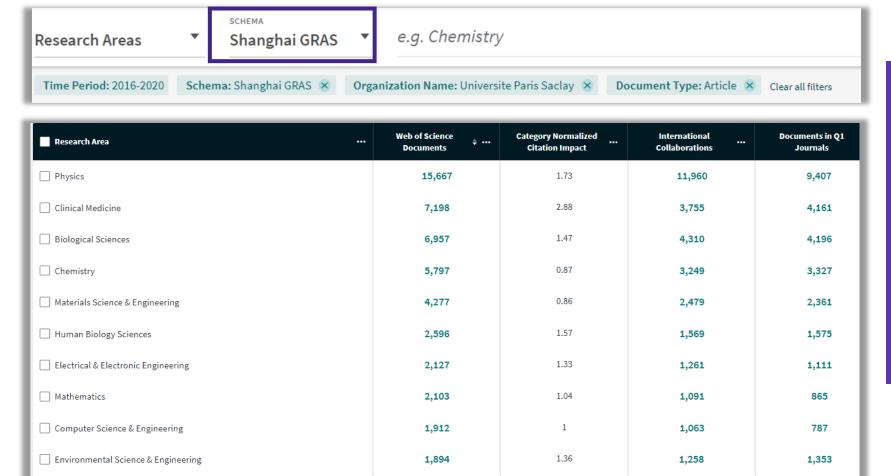
39 1.44.1971 Pediatric Hypertension

28 1.219.1208 Paclitaxel 29 1.141.244 Tamoxifen



Global Ranking of Academic Subjects (GRAS) – GRAS schema in InCites

Identify GRAS subject areas fulfilling the threshold



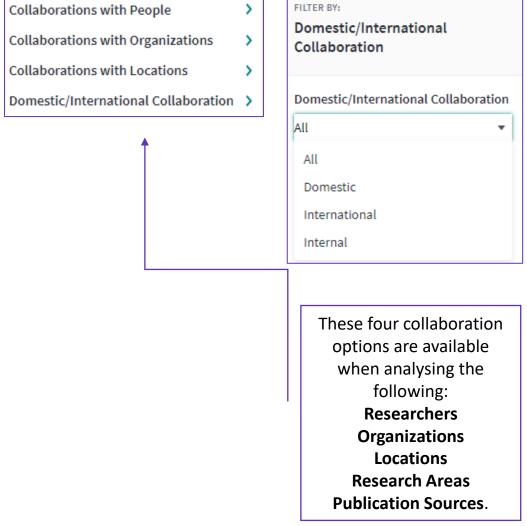
- ✓ Select your institution in the Research Areas module
- ✓ Adjust the study period to match the GRAS edition
- ✓ Select GRAS category schema
- ✓ Use the same filters and identical selection criteria.



Collaboration Analysis



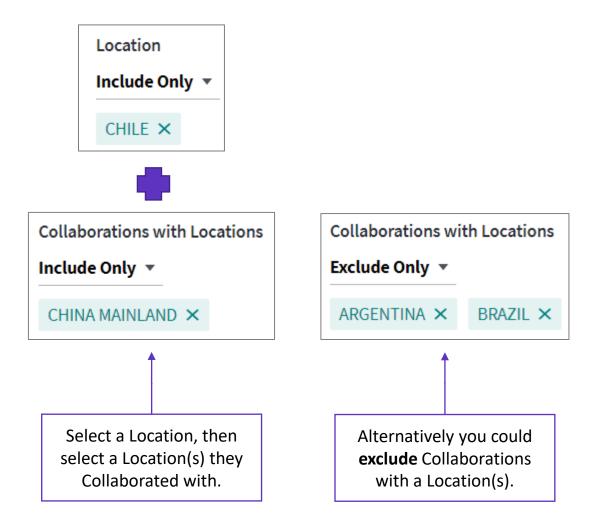
Collaboration Analysis

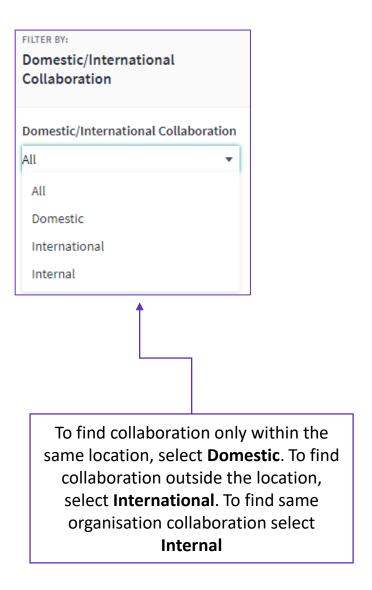






Collaboration Analysis – Example for Locations





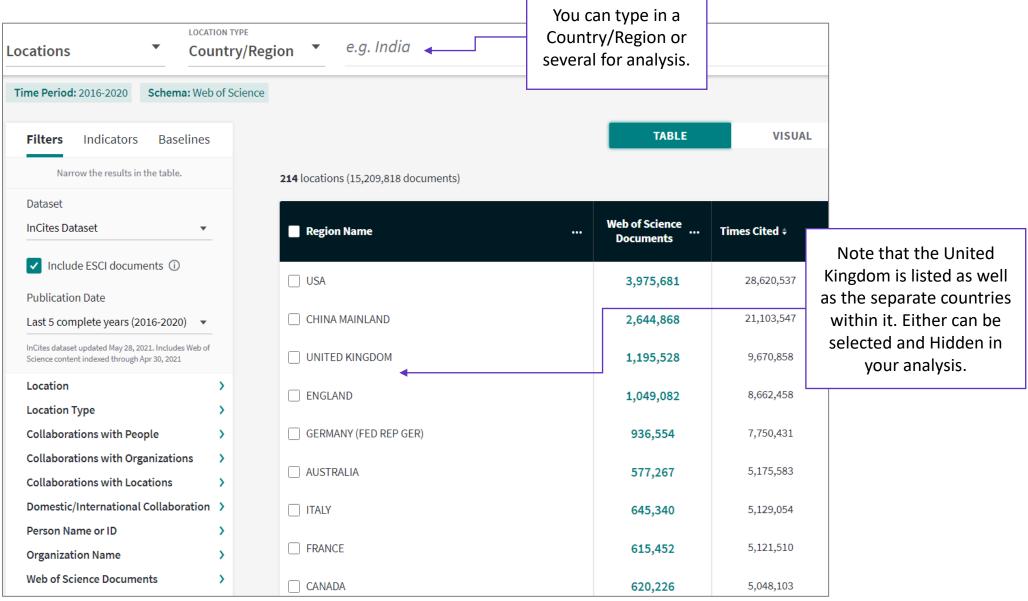
Location, Domestic and International status, is always based on the affiliation of the authors of the document.



Location Analysis

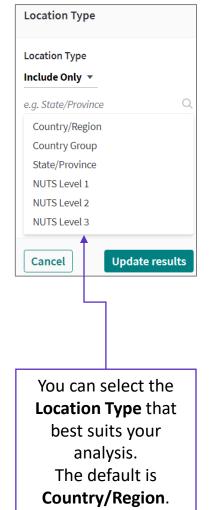


Location Analysis





Location Analysis

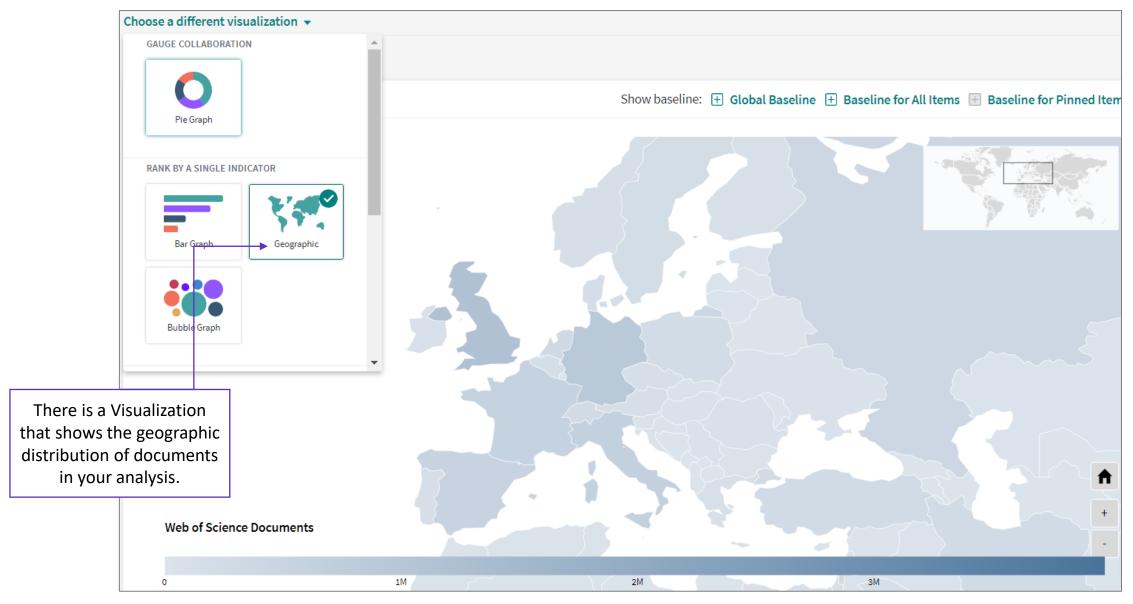








Location Analysis

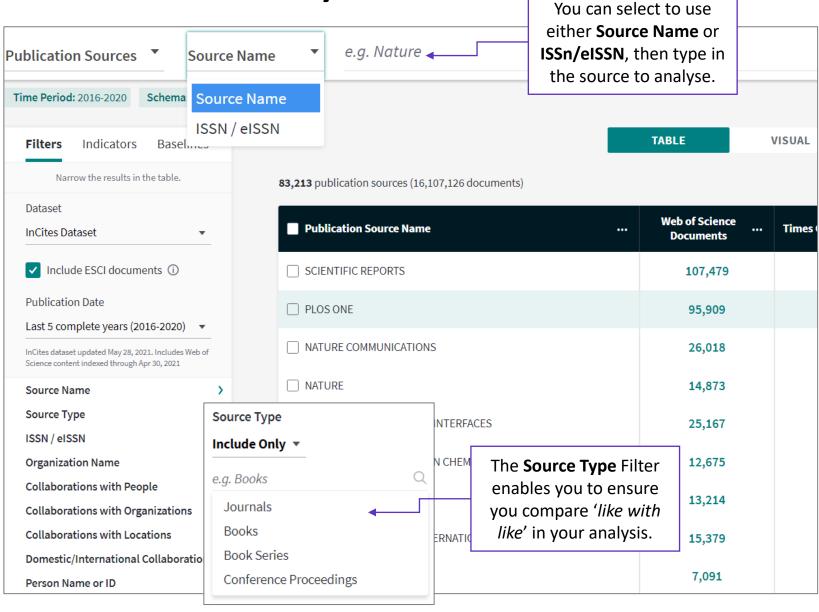




Publication Sources Analysis



Publication Sources Analysis



ISSN and **eISSN**, plus **Source Type** are useful additional Indicators for this type of analysis. Sorted by Times Cited ▼ Add indicator Search indicators **Publication Source** Country/Region ISSN elSSN Publisher (all) Publisher (unified) Source Type

Cancel



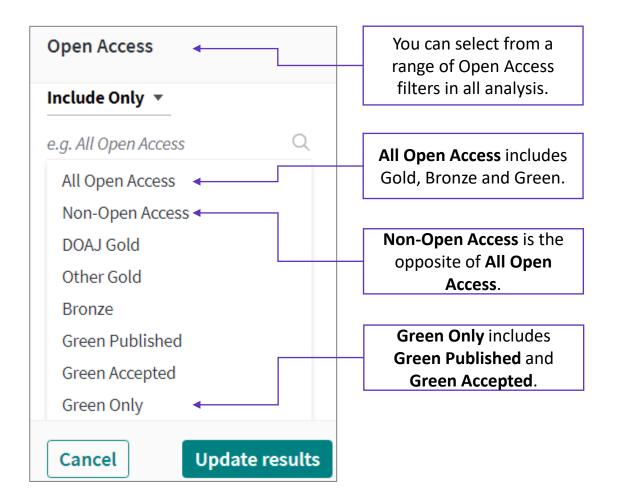
Apply

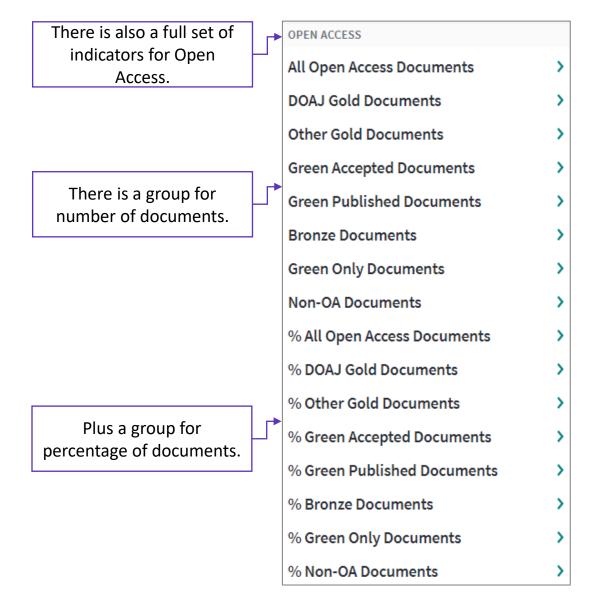


The help contains full details of the Open Access types available in InCites.

Open Access Type	Descriptions						
	DOAJ	Articles published in journals listed on the Directory of Open Access Journals (DOAJ). All articles in these journals must have a license in accordance with the Budapest Open Access Initiative to be listed on the DOAJ. Consult DOAJ for their specific definitions.					
Gold	Other	 Other Gold open access articles are identified as having a Creative Commons (CC) license by Our Research but are not in journals listed on the DOAJ. Most of these articles are from hybrid journals. Other Gold as an indicator of hybrid gold open access articles is at varying levels of completeness, especially for newly published articles. 					
Bronze	The licensing for these articles is either unclear or identified by Our Research as non-CC license articles. These are free-to-read or public access articles located on a publisher's site. A publisher may, as a promotion, grant free access to an article for a limited time. At the end of the promotional period, access to the article may require a fee which can lead to temporary errors in our data. You may find content that is incomplete, especially new content.						
	Published	Final published versions of articles hosted on an institutional or subject-based repository (e.g., an article out of its embargo period posted to PubMed Central).					
Green	Accepted	 Accepted manuscripts hosted on a repository. Content is peer reviewed and final, but may not have been through the publisher's copy-editing or typesetting. 					









Publication Source Name	ISSN		Web of Science ÷ ··· Documents	All Open Access Documents	Green Only Documents	% Non-OA Documents
☐ SCIENTIFIC REPORTS	2045-232	22	107,479	107,479	0	0%
☐ PLOS ONE	1932-620)3	95,909	95,909	0	0%
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	0065-77:	Source a	a Publication nalysis of Open	0	0	100%
☐ IEEE ACCESS	2169-35	differe	s content in ent journals.	43,059	0	0%
☐ CANCER RESEARCH	0008-54	All Ope	the number of en Access and	6,649	153	83.16%
☐ JOURNAL OF CLINICAL ONCOLOGY	0732-18	the 9	en Access, plus % Non-OA.	1,531	1,336	96.08%
☐ FASEB JOURNAL	0892-66	clicked to	mbers can be see the actual cuments.	2,185	809	94.34%
AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	1073-449	X	37,219	1,903	1,097	94.89%
☐ RSC ADVANCES	2046-206	69	34,285	22,016	462	35.79%
☐ INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	0146-040)4	31,977	31,977	0	0%



Using Baselines



Using Baselines

Up to four Baselines can be added to your analysis. An explanation of each is displayed in the tab.

Filter	S	Indica	tors	Baselines
	Add	a new ro	w to the	table.

Global Baseline

Enables you to benchmark against the world. Global baselines are affected by year, document type, and research area filters.

When using the Research Area Explorer, the Global Baseline is only affected by the year and document type. The research area filter has no impact on the calculation.



Country/Region Baseline for Pinned Items

Allows benchmarking against a particular country/region. A baseline is generated for each country/region represented in the pinned set. Filters are incorporated into the calculation for this baseline. This is only available in Researcher and Organization view.



Baseline for All Items

Baseline for all items in the results data table. Filters are incorporated into the calculation for this baseline.



Baseline for Pinned Items

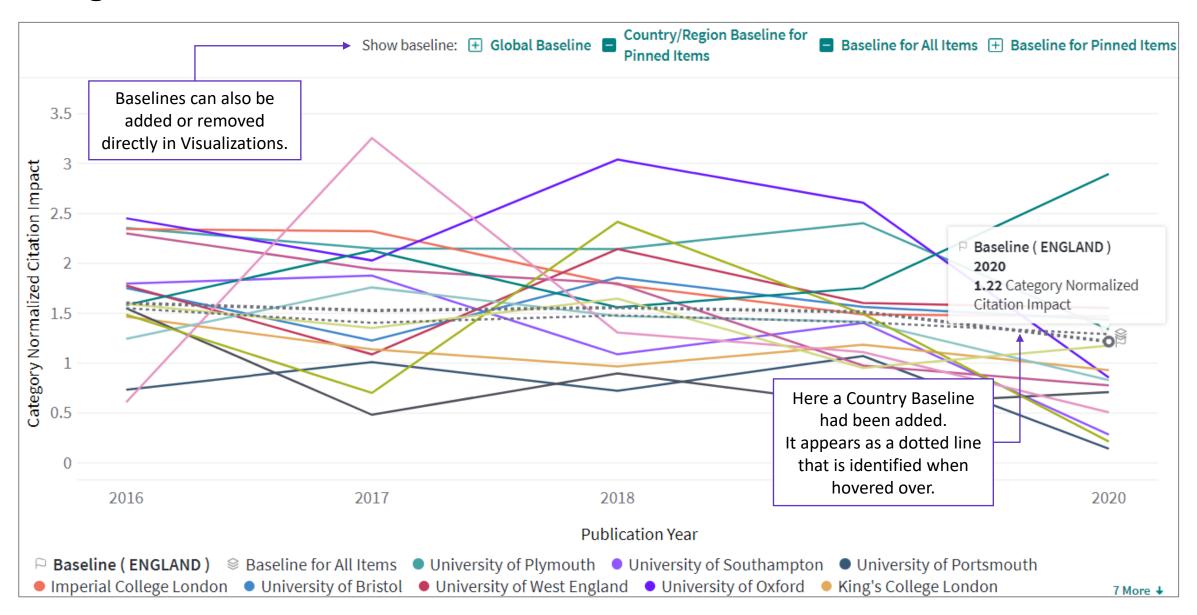
Baseline for all results pinned from the data table.

+ Add

Organization Name		Web of Science Documents	Times Cited	·	ed in the tab.
× Baseline (ENGLAND)		3,018	16,810	69.78%	1.5
× Baseline for All Items		3,273	17,596	70.18%	1.44
× Baseline for Pinned Items		256	1,497	73.44%	1.47
× University of Plymouth		94	838	80.85%	2.17
× University of Southampton		85	447	80%	1.41
× University of Portsmouth		This analysis has th		58.75%	0.73
3 rows added	Remo	added. They appea	•		
☐ Imperial College London		ne table. They can clicking the X ne	·	77.55%	1.84
University of Bristol		282	1,426	69.15%	1.58
☐ University of West England		216	1,170	70.83%	1.64
☐ University of Oxford		205	1,790	76.59%	2.35
☐ King's College London		200	913	73%	1.15



Using Baselines





Baseline Share Indicator and Interpretation





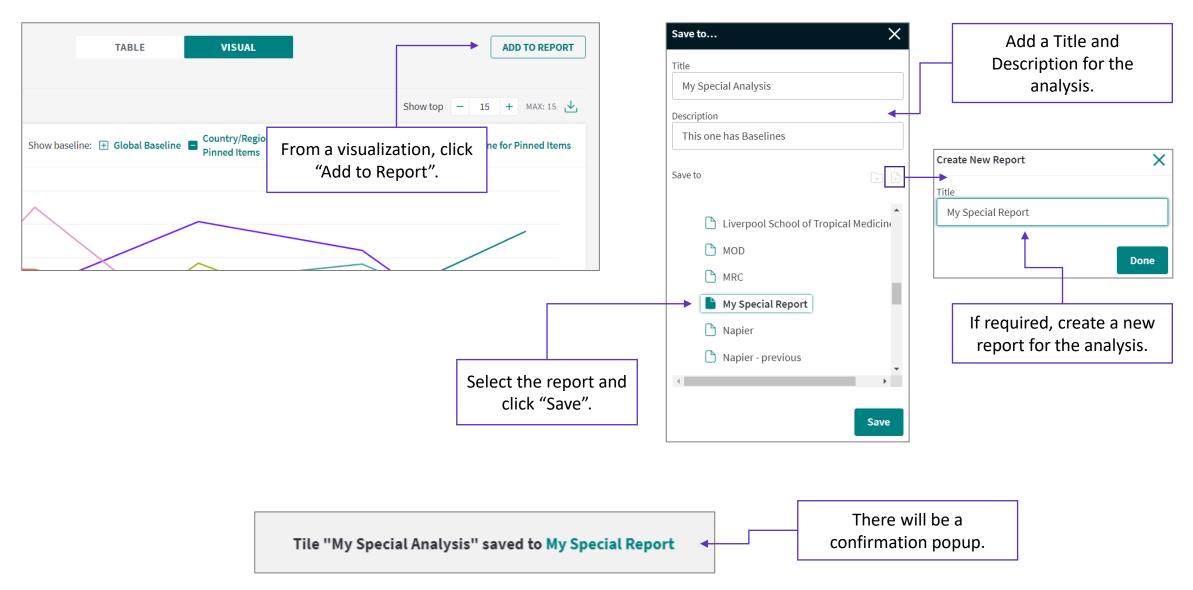
■ Organization Name	Web of Science 💠 Documents	Category Normalized Citation Impact	% Global Baseline (Docs)	% Baseline for Pinned Items (Docs)	% Baseline for All Items (Docs)
× Global Baseline	17,925,696	0.97	100%	n/a	n/a
× Baseline (SPAIN)	626,181	1.21	n/a	n/a	n/a
× Baseline for All Items	484,839	1.16	n/a	n/a	100%
× Baseline for Pinned Items	63,667	1.13	n/a	100%	n/a
× University of Granada	24,555	1.18	0.14%	38.57%	5.06%
× University of Sevilla	22,220	1.1	0.12%	34.9%	4.58%
× Universidad de Malaga	12,248	1.2	0.07%	19.24%	2.53%

Baseline share interpretation

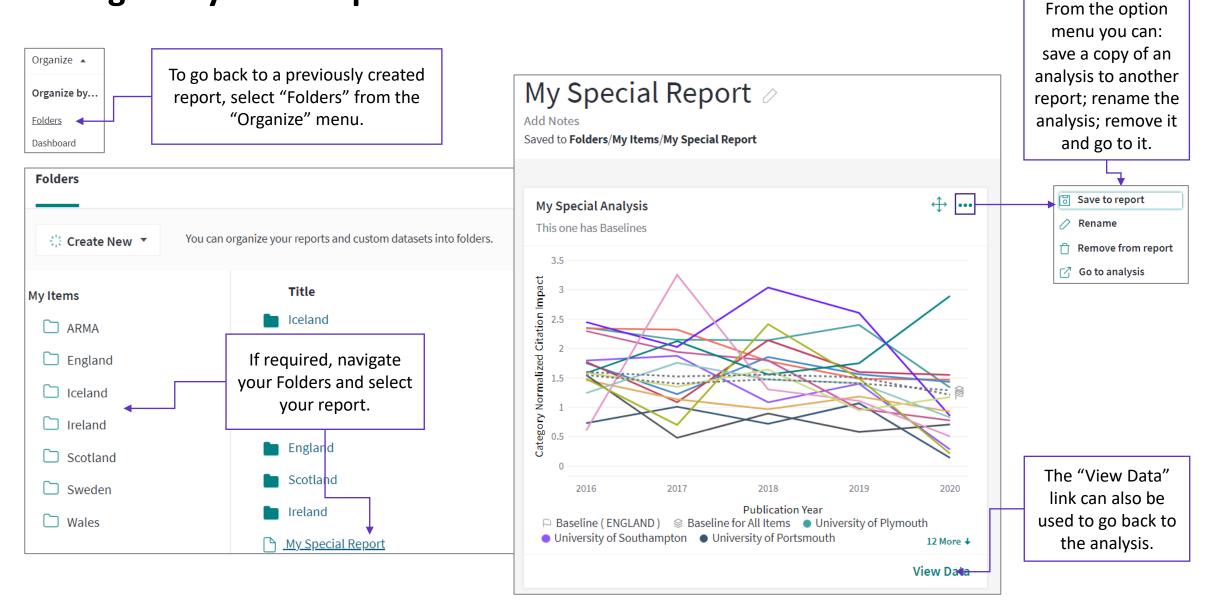
- University of Granada with 24, 555 documents contributes 0.14% share of global publications in the time period selected
- University of Granada contributes 5.06% share of Spanish publications in the time period selected
- University of Grandad contributes 38.57% share of publications in reference to the peer group (pinned items) in the time period selected.



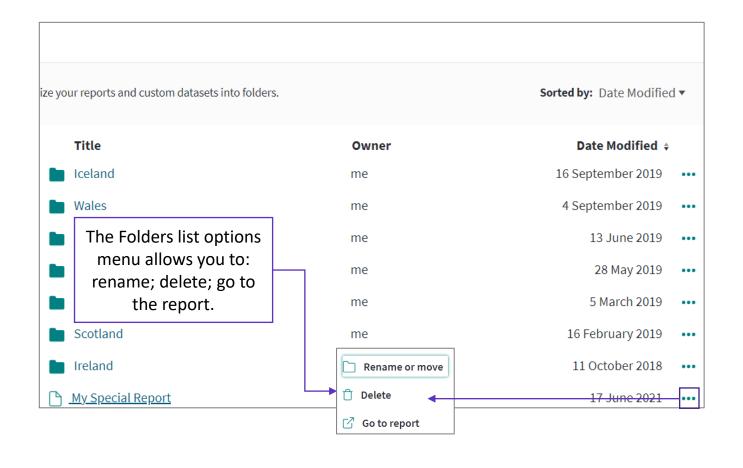




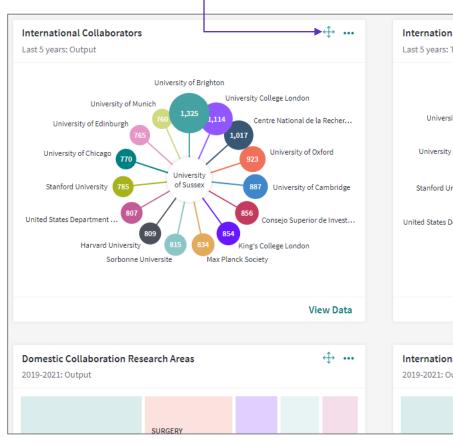








The double arrow icon enables analysis to be dragged within the report to position them in the correct sequence.

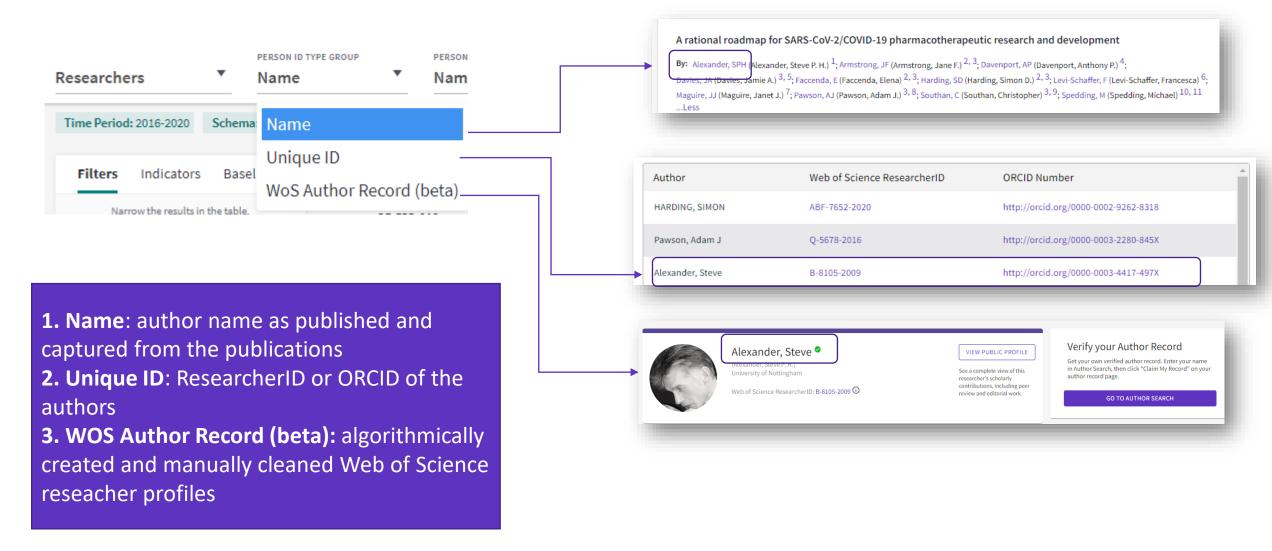




Researcher analysis



Researcher – selecting researchers

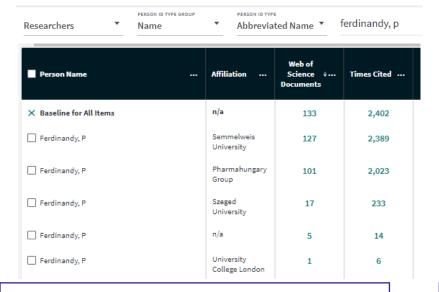




Which options should I use and when?

Researchers

Name: Select in case the author has a unique name



Baseline for All Items calculates the metrics for all different affiliations

WOS ResearcherID or ORCID: Select if the author has up-to-date profile

Unique ID

Person Name	Web of Science ÷ Documents	Times Cited
Cappellari, Michele	264	19,940

Unique ID Search

AAB-5062-2019 ×

Copy and paste as many RIDs and ORCIDs as you want in Unique ID Search (without commas)

WOS Author Record: Select when you want to identify KOL, analyze your researchers

esearchers •	WoS Author Re	cord (beta) 🔻	e.g. OBrian, (Conor:Harvard U	
Fine Period: 1980-2021 🐰 Person ID Type Group: WoS Author Record (beta) 🗶 Affiliated Organization: University					
Person Name		Affiliation	Web of Science †··· Documents	Times Cited	
van Duijn, Cornelia M.		University of Oxford	1,417	111,559	
White, Nicholas J.		University of Oxford	1,403	81,984	
Shipsey, I. P. J.		University of Oxford	1,366	71,719	
Cooper-Sarkar, A. M.		University of Oxford	1,322	65,865	
Hays, C. P.		University of Oxford	1,321	54,443	
Bortoletto, D.		University of Oxford	1,259	57,434	
Compton, Richard G.		University of Oxford	1,212	46,637	
Tseng, J. C-L		University of Oxford	1,199	69,268	

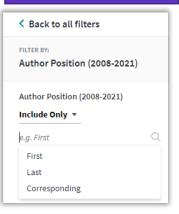


Author position analysis



Author position analysis

Filter



Indicator

AUTHOR POSITION	
% First Author (2008-2021)	>
% Last Author (2008-2021)	>
% Corresponding Author (2008-2021)	>
First Author (2008-2021)	>
Last Author (2008-2021)	>
Corresponding Author (2008-2021)	>

■ Organization Name	Web of Science † Documents	First Author (2008- 2020)	Last Author (2008-2020) •••	Corresponding Author (2008-2020)
☐ University of Cape Town	50,588	21,452	16,968	19,329
University of Witwatersrand	41,346	18,865	13,726	16,459
University of Pretoria	36,203	18,650	14,485	16,652
Stellenbosch University	35,390	17,673	13,959	15,708
University of Kwazulu Natal	34,604	17,527	14,937	16,042
☐ University of Johannesburg	20,252	11,398	8,204	10,972
North West University - South Africa	15,980	9,043	6,970	8,457
University of South Africa	13,047	8,094	4,282	8,047
University of the Free State	12,180	6,634	4,550	6,176
University of the Western Cape	10,018	4,484	3,175	4,222

Available as filter and indicator in:
Researcher explorer
Organizations explorer
Locations explorer

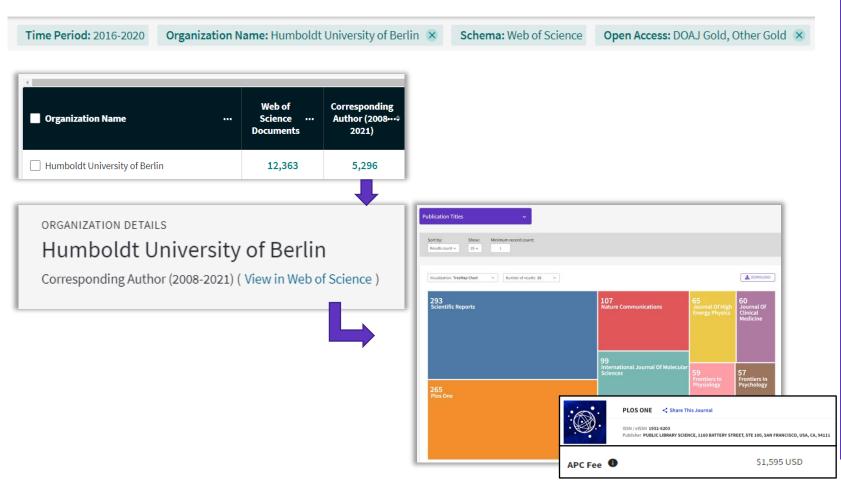
Understand your institution's contribution to the produced work.

Corresponding authors are often the ones who dealt with the Open Access APC fees

ISI recommendation for using Author Position in analysis: https://incites.help.clarivate.co m/Content/our-recommendations.htm



Assess your OA spending



Report on author contribution, including first, last, and corresponding author, with new indicators and filters.

Corresponding author + OA +

Gold

Gold - Hybrid

Free to Read

Master Journal List APC information = Who was involved with the APC payment

APC Fee 1,370 GBP

Funding analysis

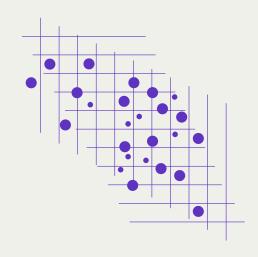


Funding data in InCites Benchmarking & Analytics

Within the Funding Agency explorer, user can filter their analysis by:

- 1. Funding Text will find information captured from authors' acknowledgments in the article text.
- 2. All Sources will find funding sources from article funding text as well as those coming directly from funding agency sources. This will initially include data from funding sources such as NIH RePORTER, Federal RePORTER, National Science Foundation, KAKEN, ResearchFish, and MEDLINE.

- Compare funding agencies using InCites metrics
- Analyze the funded & published work for an agency together
- Do a co-funding analysis for an agency
- Identify funders that have supported work in a field or on a topic
- Filter by funding agency in other InCites explorers





Funding Agencies analysis

Available on each level of analysis

Researchers:

- analyze publications of a researcher funded by selected Funding agency
- Compare performance of publications of authors funded by selected funding agency

Organizations:

- analyze publications of an institution funded by selected Funding agency
- Compare performance of publications of institutions funded by selected funding agency

Locations:

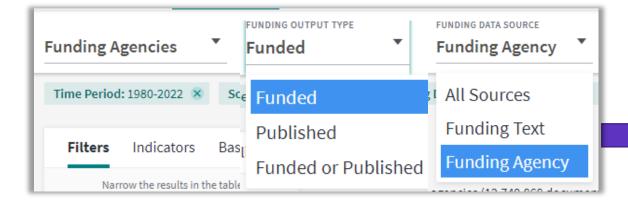
- analyze publications of a country/territory funded by selected Funding agency
- Compare performance of publications of countries funded by selected funding agency

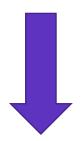
Research Areas:

- Analyze and compare fields/topics funded by a selected funding agency
- Publication sources:
 - Identify publication sources, where the publications funded by a funded agency were published



Funding Agencies module





Funded: funded research by the

funding agency

Published: research published by

the funding agency

Funded or Published: both

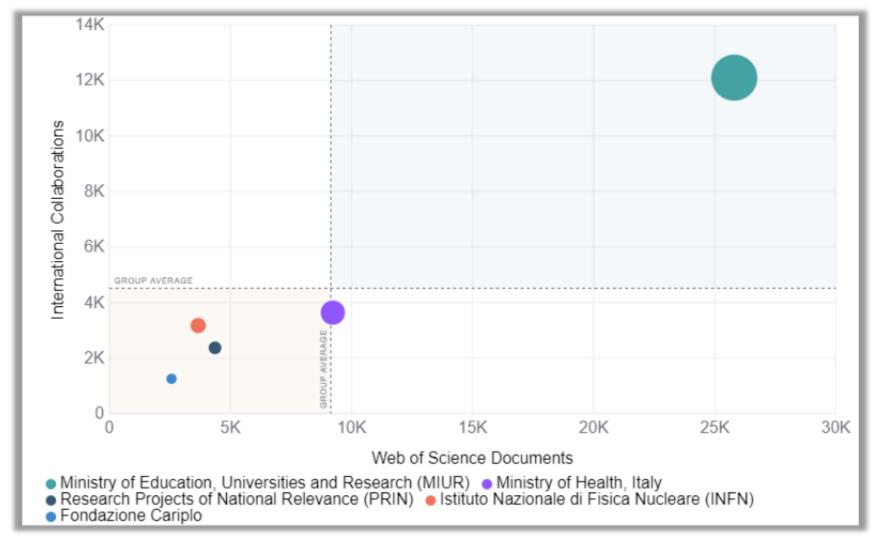
All Sources will find funding sources from article funding text as well as those coming directly from funding agency sources. This will initially include data from funding sources.

Funding Text will find information captured from authors' funding acknowledgments in the article text.

Funding Agency Data received directly from selected core Funding Sources including NIH RePORTER, Federal RePORTER, NSF, KAKEN, Medline and ResearchFish.



Funding data analysis at national level



Indicators: Web of Science Documents, International Collaborations, All Open Access Documents.

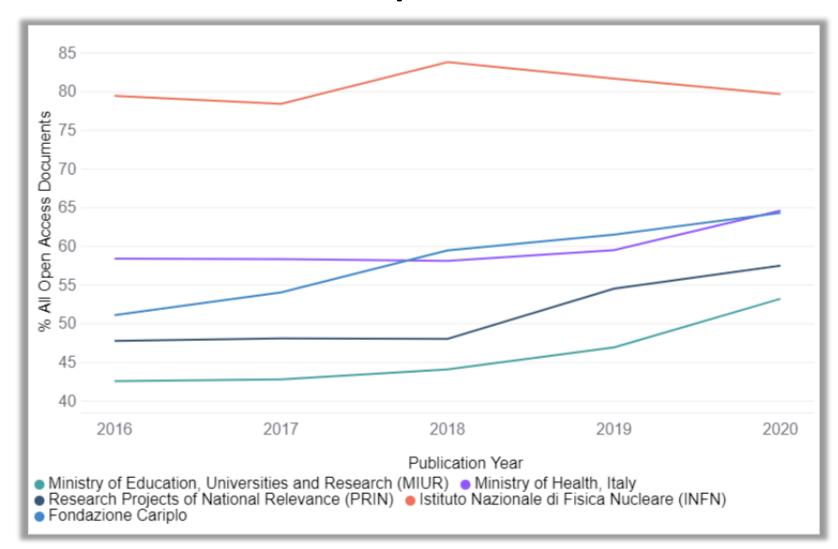
Time Period: 2016-2020 **Funding Agency Location**:

Italy

Schema: Web Of Science **Dataset**: InCites Dataset



Funder mandates & Open Access



Indicators: % All Open Access

Documents

Time Period: 2016-2020

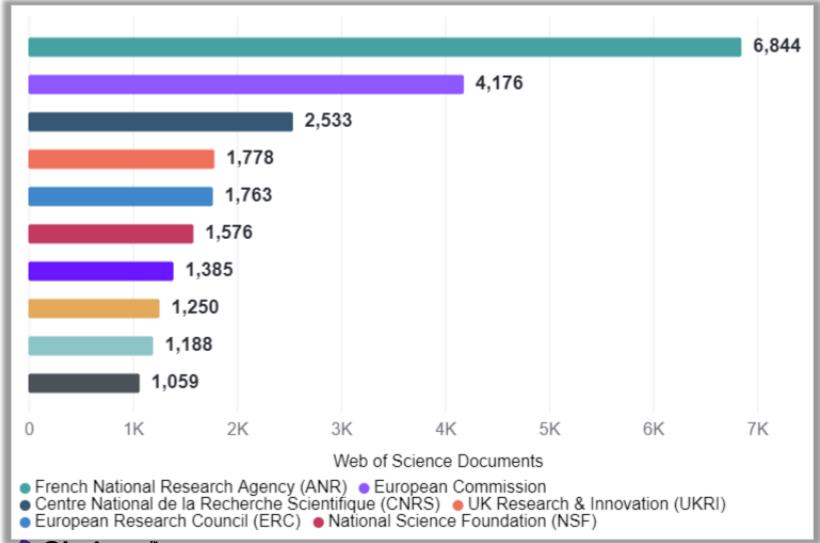
Funding Agency Location: Italy

Schema: Web Of Science

Dataset: InCites Dataset



Funding analysis at institutional level



Aix-Marseille Université's Top Funders (by number of papers)

Indicators: Web of Science

Documents

Time Period: 2016-2020 **Organization Name**: Aix-

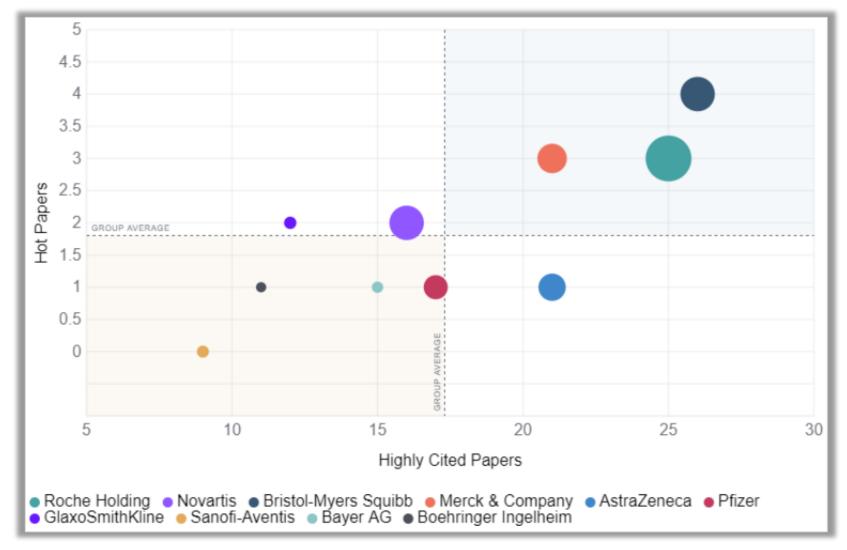
marseille Universite

Schema: Web Of Science

Dataset: InCites Dataset



Funding analysis at institutional level



Aix-Marseille Université's Top Corporate Funders (by number of papers)

Indicators: Highly Cited Papers, Hot Papers, Web of Science Documents

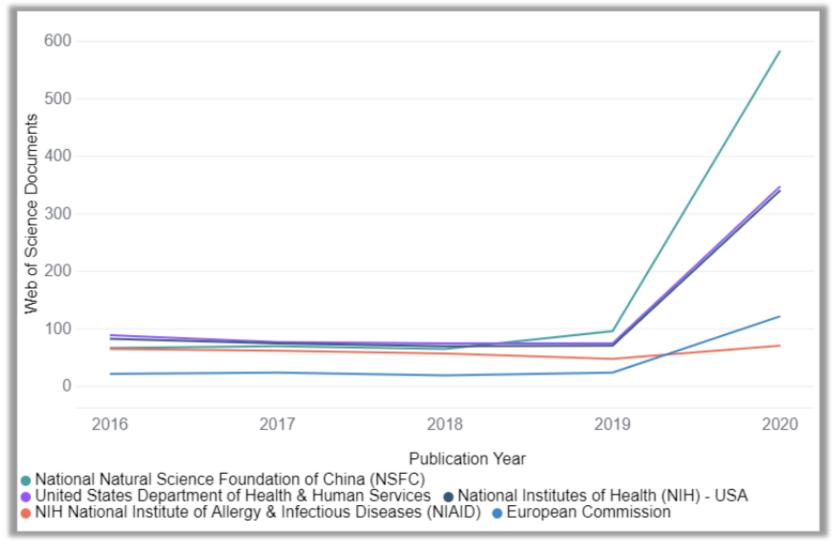
Time Period: 2016-2020 **Organization Name:** Aix-

marseille Universite

Schema: Web Of Science **Dataset:** InCites Dataset



Funding analysis for a research topic



Top Funders identified on papers in the *Coronavirus* research area

Indicators: Web of Science

Documents

Time Period: 2016-2020

Schema: Citation Topics. Level:

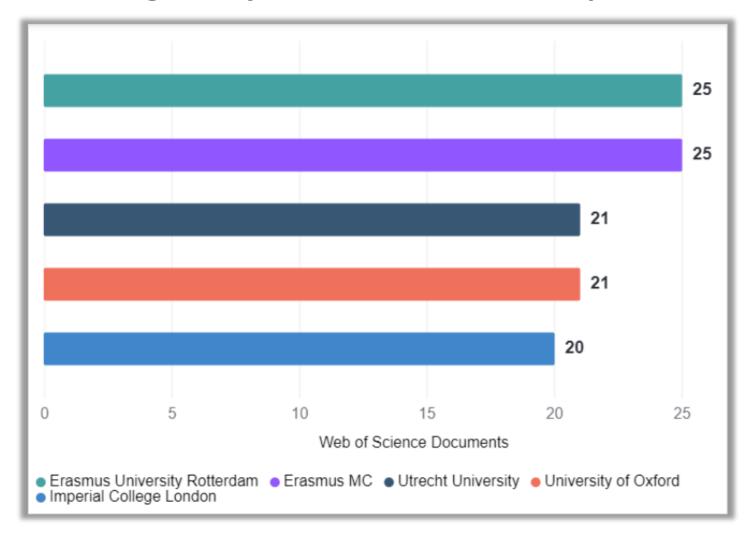
Micro. Research Area:

1.104.1353 Coronavirus.

Dataset: InCites Dataset.



Funding analysis for a research topic



Top Organizations that published papers in the *Coronavirus* research area (funder: European Commission)

Indicators: Web of Science Documents

Time Period: 2016-2020

Schema: Citation Topics, Level: Micro. Research Area: 1.104.1353 Coronavirus. **Funding Agency**: European Commission

Dataset: InCites Dataset

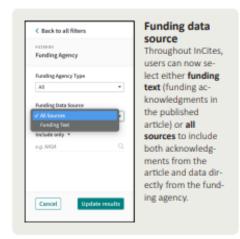


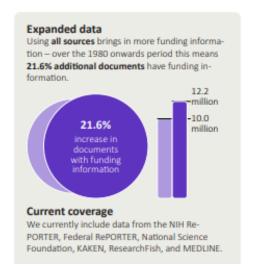
Funding Sources Expansion

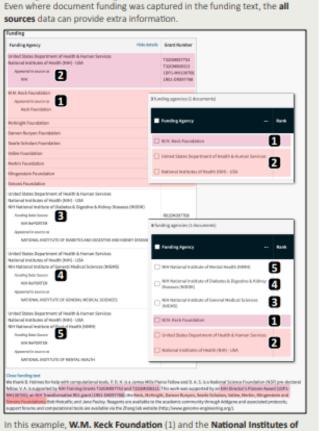
Funding Sources Expansion

April 2021

InCites is now incorporating funding data directly from selected agencies themselves. Going forward, as we index additional funding sources, this data will appear in InCites automatically.

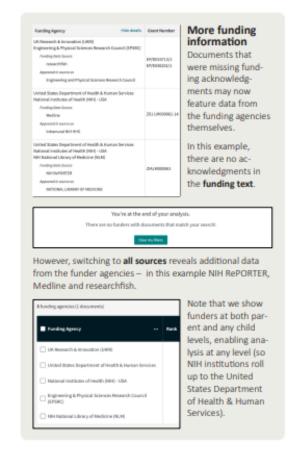






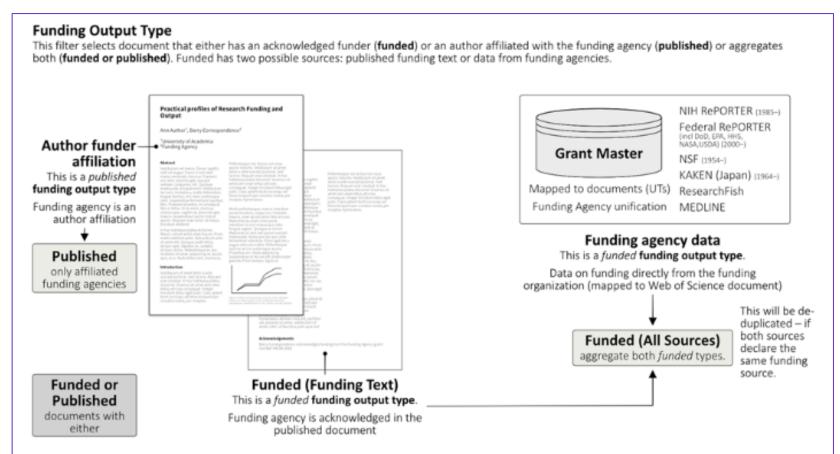
More granular funding information

In this example, W.M. Keck Foundation (1) and the National Institutes of Health (NIH) – USA (2) were found in the funding text*, but all sources added NIH National Institute of General Medical Sciences (3), NIH National Institute of Diabetes & Digestive & Kidney Diseases (4) and NIH National Institute of Mental Health (5).





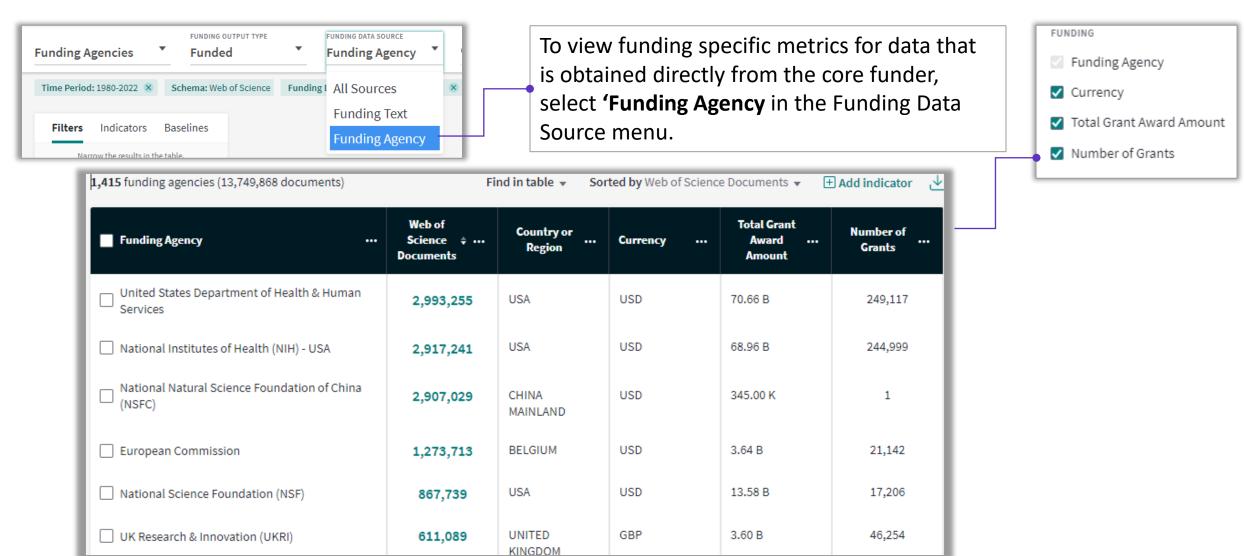
Funding Grants and additional Funding data



Incites now supports additional funding information sources that are now appearing in the Web of Science. Behind the scenes, InCites directly ingests data from funding agencies – this supplements the current funding text information for authoracknowledged funding sources. With the new funding text | all sources filter users can choose whether to continue with their current analyses using funding text alone or incorporate the new data (Funding Sources)

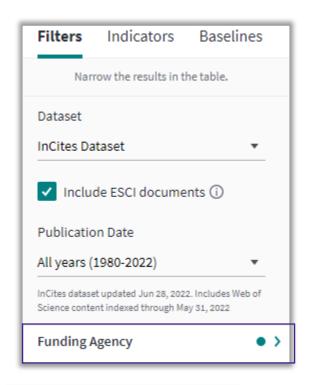


Additional Funder Indicators (Grants, Total Award Amount, Number of Grants)



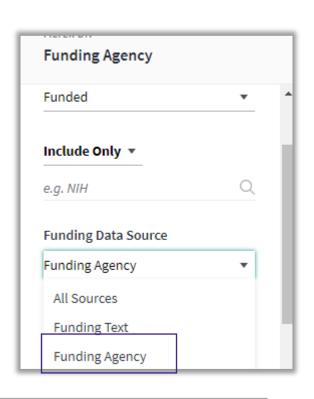


Funding Award Analysis

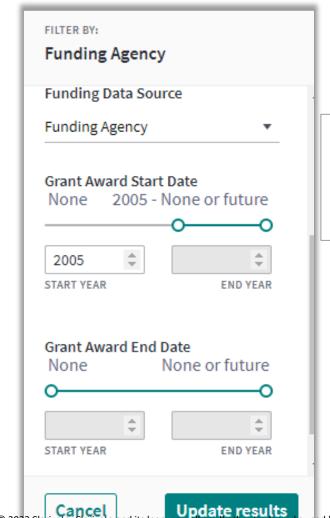


Step 1. Select Funding Agency Filter





Step 2.
Select Funding Agency =
Funded
Select Funding Data Source =
Funding Agency

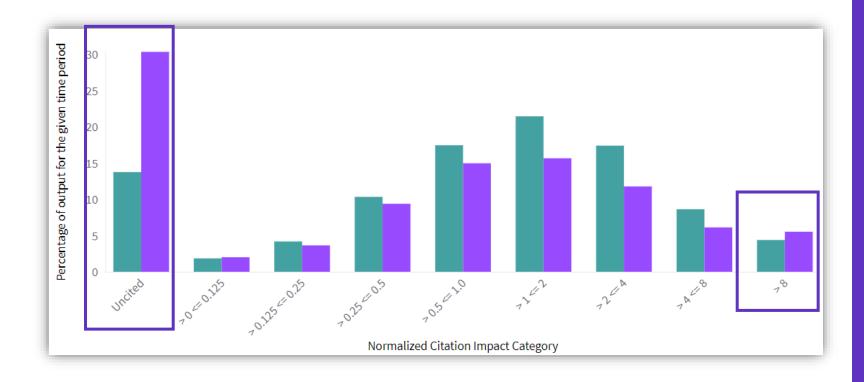


Step 3.
Select Grant Award
Start Date and or
Grant Award End Date

Advanced visualizations



Advanced visualizations – Impact profiles



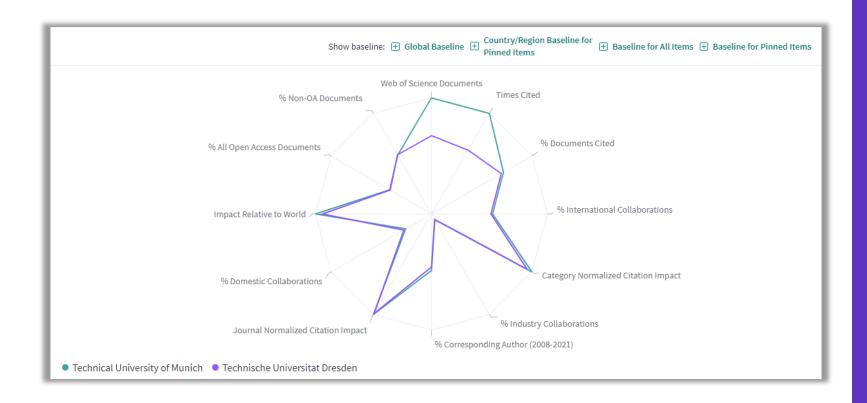
Confidently interpret CNCI and JNCI values with a new visualization for normalized citation impact indicators that help you create more nuanced comparisons

Available in:

- Organizations
- Locations
- Publication Sources
- Funding Agencies



Multiple Metric Visualizations – Radar chart



Display multiple data in one chart for deep comparison

Use cases:

- Compare more institutions/authors/coun tries using several metrics
- Compare several citation topics/categories
- Compare several journals and their performance etc.



Multiple metric visualizations – Scatter plot



Visualize 3 metrics simultaneously to identify correlations between metrics or identify outliers

Use cases:

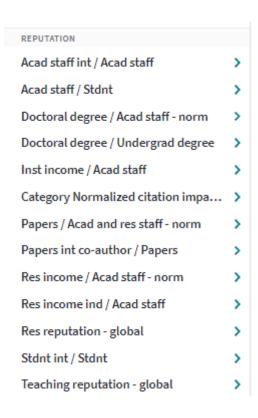
- SWOT analysis Identify your strengths, weaknesses, opportunities and threats.
- Compare institutions
- Compare authors etc.



Reputation metrics



Reputation metrics – available in Organization module only



Global Institutions Profile Project:

- Yearly survey collecting data about academic staff, students, income etc.
 directly from institutions
- Nearly 800 institutions participates https://incites.help.clarivate.com/Content/Indicators-Handbook/ih-gipp.htm More information:

https://clarivate.com/webofsciencegroup/globalprofilesproject/

Reputation:

The annual academic reputation survey asks members of the academic community to identify the top-performing institutions in research and teaching.

Indicator shown is a rescaled cumulative probability score. This score is a number from zero (worst) to 100 (best) which indicates how an institution compares against the distribution of all institutions and effectively represents the percentage of all institutions that perform worse than it on a given indicator.

The current Institutional Profiles data was updated in October 2020 and includes data provided by the institutions for the academic year 2017-18, bibliometric data from 2018, and reputation survey data from earlier in 2020.

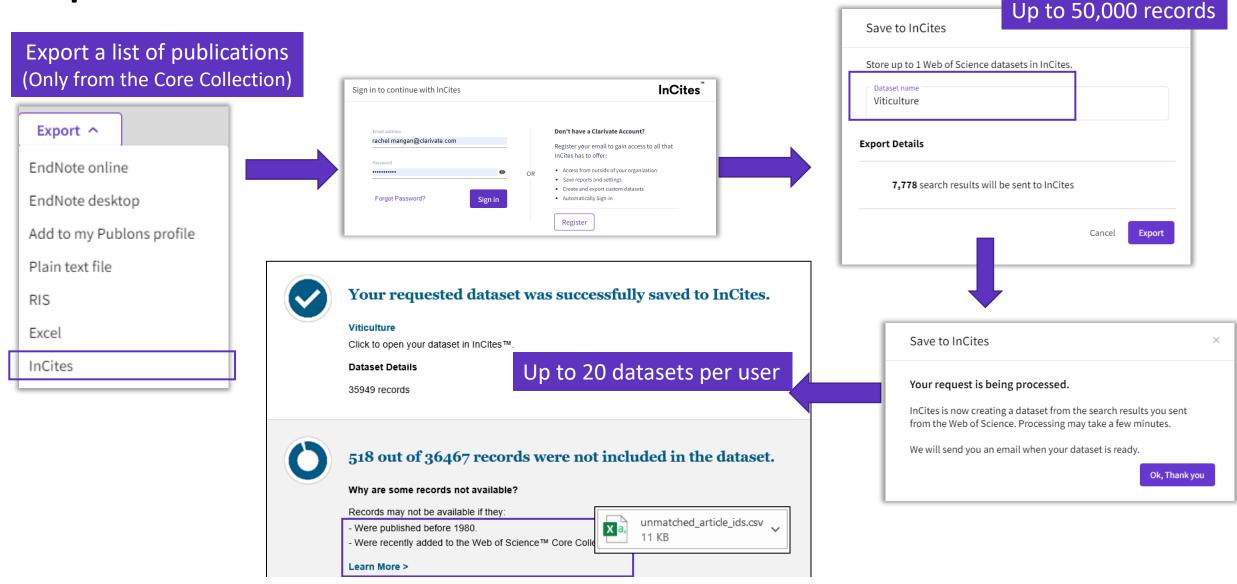
For the bibliometric indicators, the paper, and citation counts are limited to SCIE, SSCI, and AHCI indexes from Web of Science; paper counts, only include articles and reviews



Create your own dataset for analysis



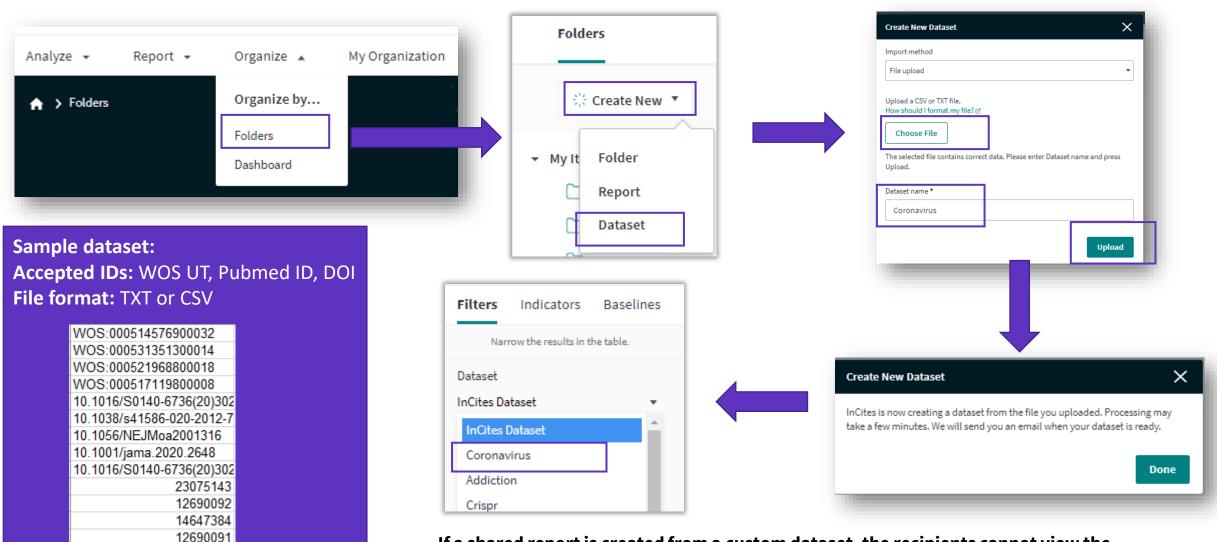
Import a dataset from the Web of Science



If a shared report is created from a custom dataset, the recipients cannot view the underlying data on the report because they won't have access to the custom dataset.

Custom dataset - File import

32291954



If a shared report is created from a custom dataset, the recipients cannot view the underlying data on the report because they won't have access to the custom dataset.

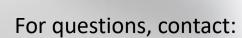
Preparing to Use Incites Online course

- This E-Learning course (in English) is <u>highly recommended to all users</u>
- Some concepts are not explained again during the live training sessions
- We estimate you will need around 90 minutes to complete the whole E-Learning
- We recommend you break the E-Learning in at least 2 or 3 smaller parts that you
 will take on different days (you can resume the learning where you left off)
- NOTE You will have to create an account in the Learning Portal. We recommend
 you use the same credentials as for the Web of Science & InCites

https://webofsciencelearning.clarivate.com/learn/course/112/Preparing%2520to%2520Use%2520InCites







wosg.support@clarivate.com

© 2020 Clarivate. All rights reserved. Republication or redistribution of Clarivate content, including by framing or similar means, is prohibited without the prior written consent of Clarivate. Clarivate and its logo, as well as all other trademarks used herein are trademarks of their respective owners and used under license.