

Scholytics

User guide

v. 1.04, Updated in April 2021

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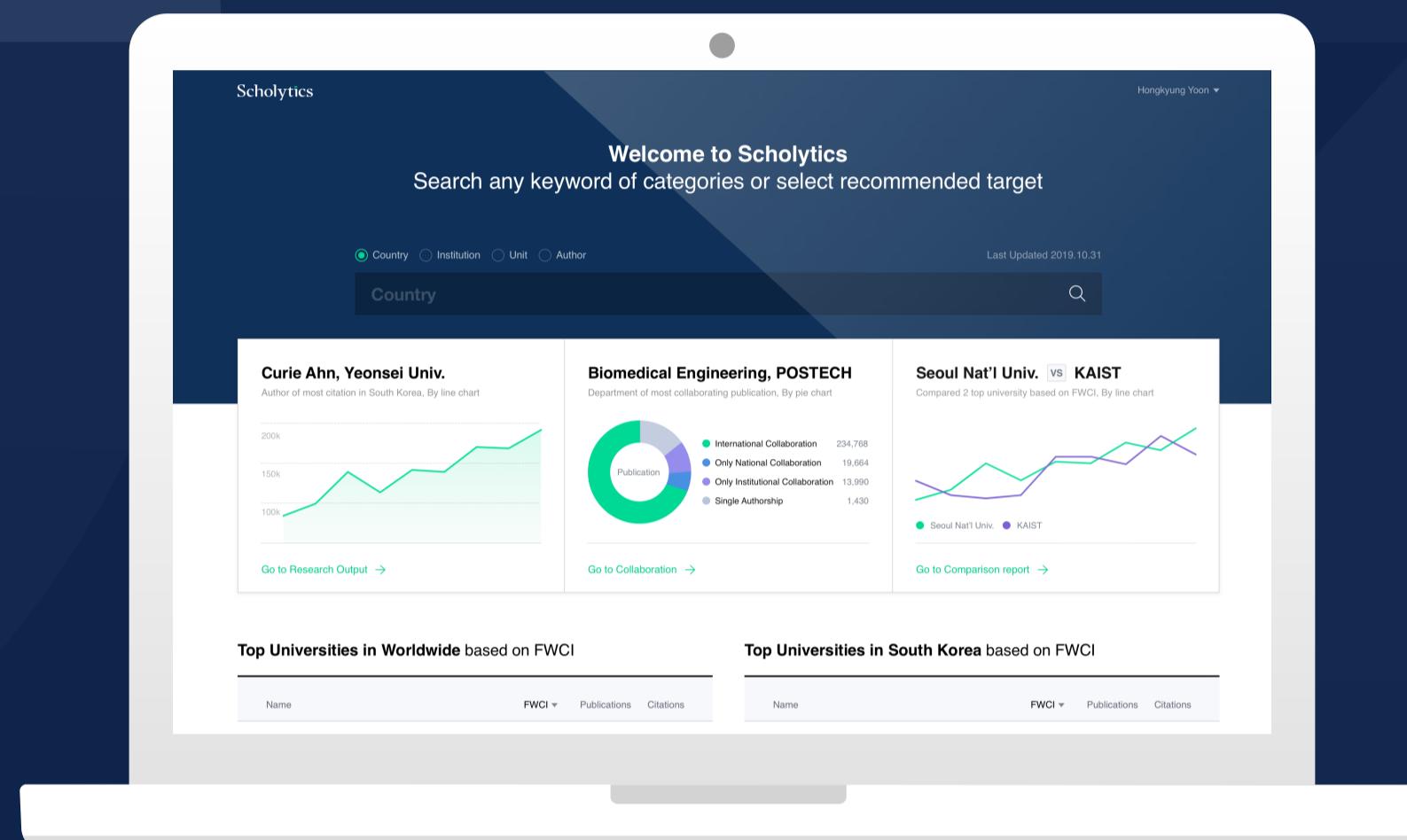
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01

Overview



Welcome to Scholytics

Search any Institutions, Authors, Countries

Introducing Scholytics

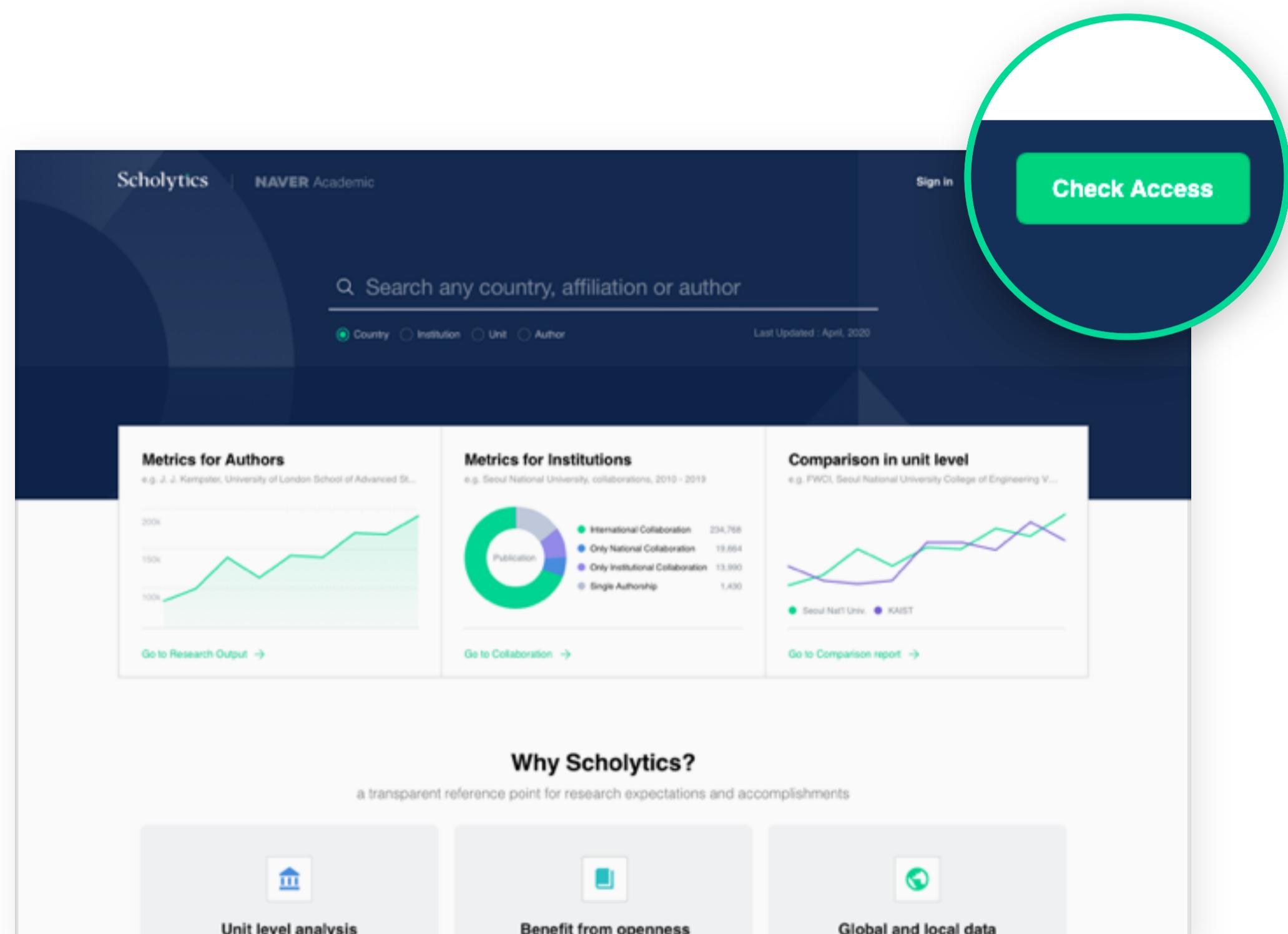
This user guide is to help you understand the way to access and use Scholytics. If you are more interested in the details of diverse metrics and data, ‘Scholytics Metrics Guide’ will be much helpful for you. The other way to learn more about Scholytics is to check the FAQ pages in Scholytics or to view video resources.

02

Subscription and Access

Check Your Access

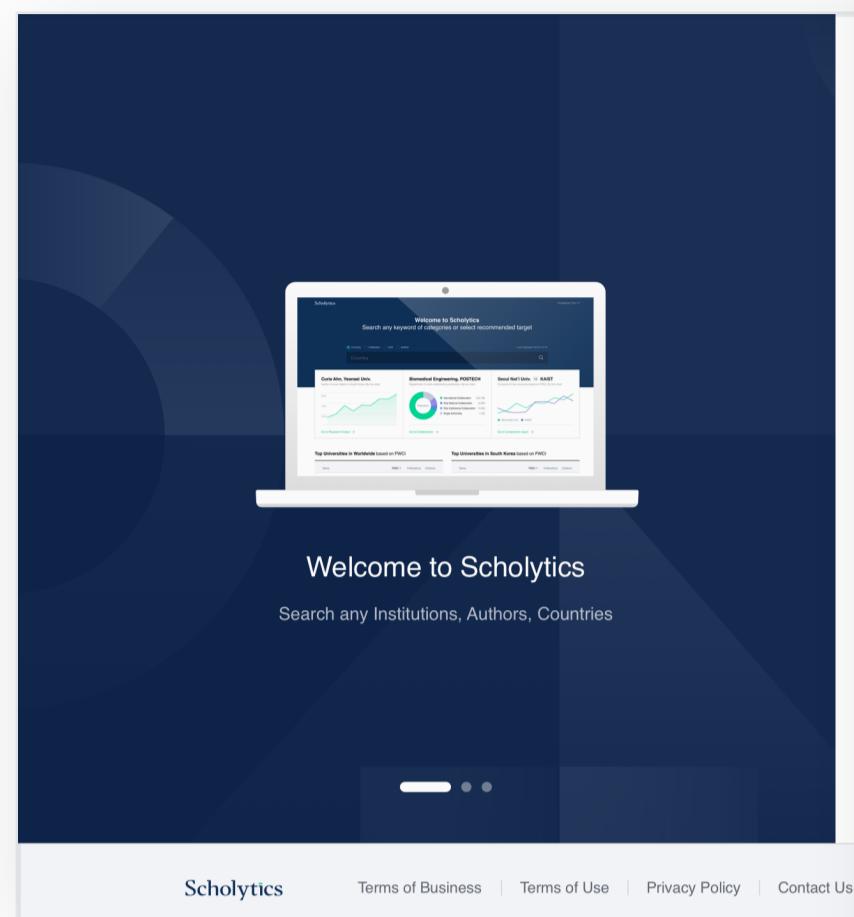
Scholytics is a B2B service, and research institutions or universities can use this service by subscribing for a period. Therefore, users first need to check if their institution is subscribing Scholytics. The easiest way to check if your institution is subscribing Scholytics is to click 'Check Access' button in the homepage of Scholytics.



Home Page

If your institution is subscribing to Scholytics, and you accessed it from the official location of your institution, you will be able to access the sign-up page.

Conditions to Sign-in



Sign-up Page

Scholyltics

Sign Up

If you want to finish to sign up, please input empty below.

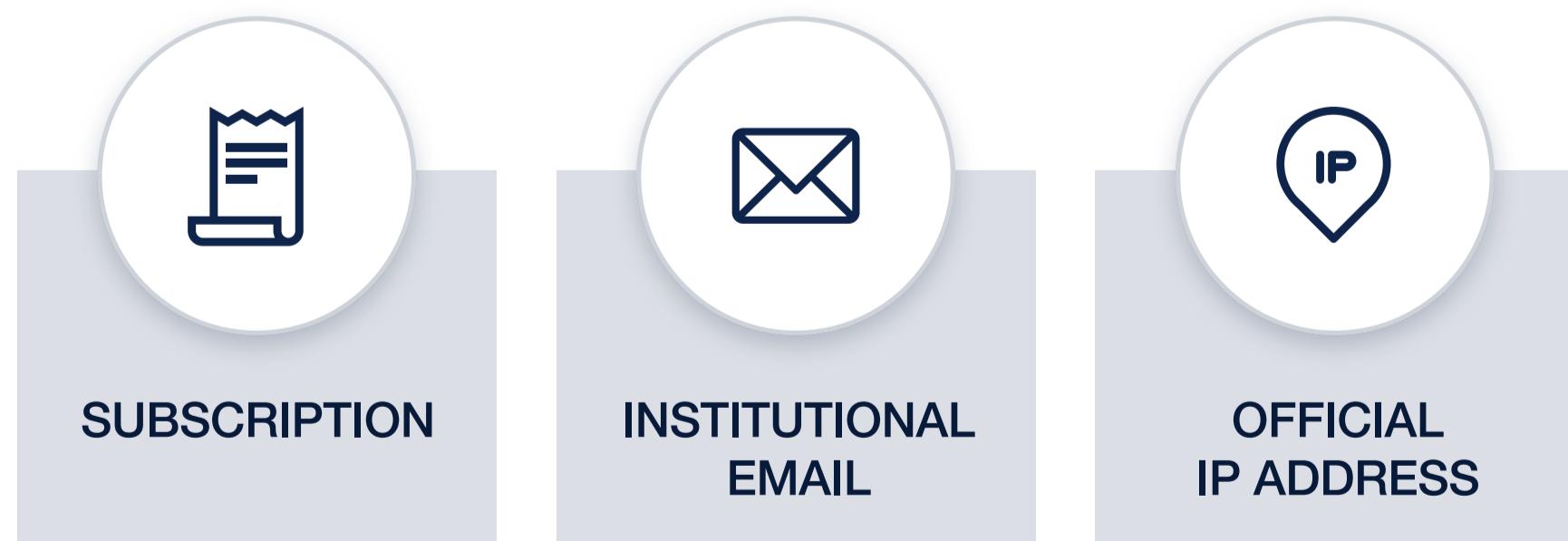
(8-16 letters)

I accept the [Personal information collection and usage](#)

Already have an account? [Sign In](#)

Please be advised that if your institution is not subscribing to Scholyltics, you would not able to see the sign-up page. In that case, you can ask the research affair office or library of your organization. When you register a new account, you must be in an official location of your organization, since Scholyltics checks validity of your IP address. Once registered, you can sign in anywhere at any time.

In addition, you need to use your official institutional email, not personal emails such as Gmail and Hotmail when you register for a new account. In summary, the subscription of your institution, institutional email, and official IP address are the three requisite conditions with respect to registering a new account.

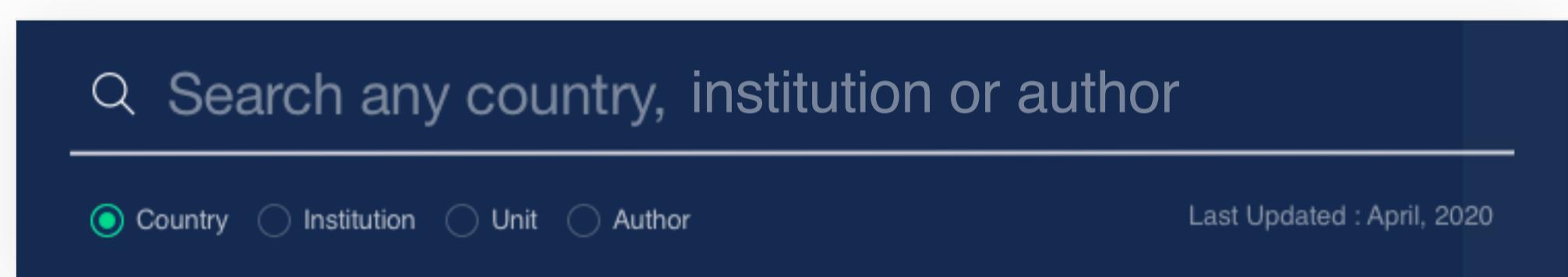


03

Search

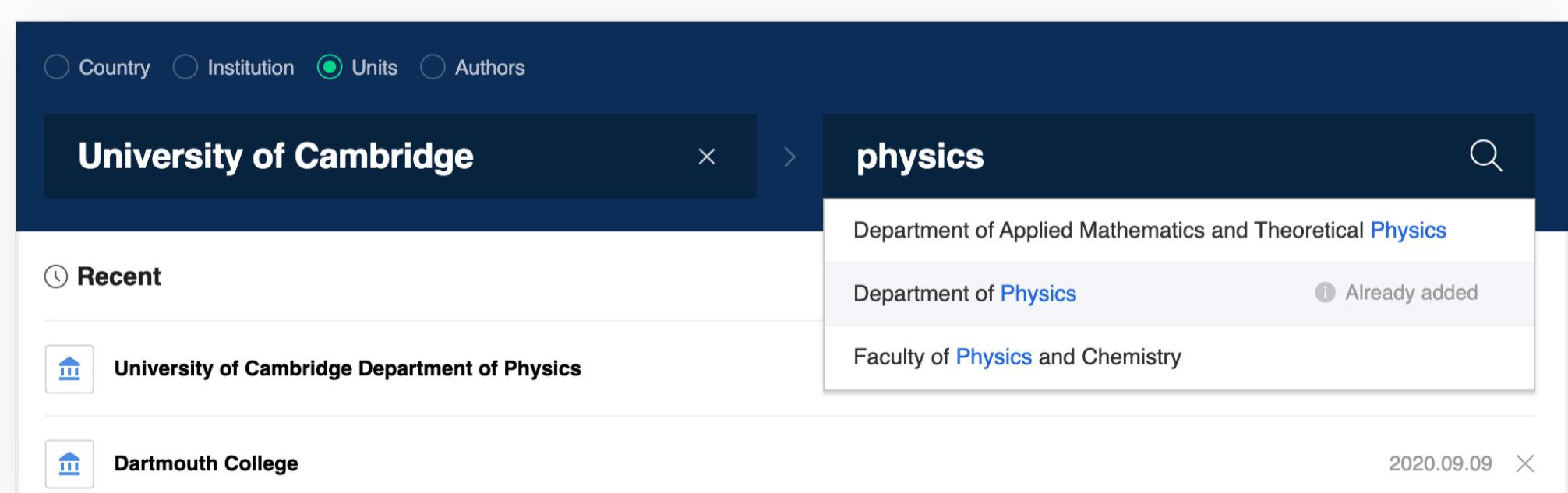
Various Entities to Search

For most registered users, the first step in using Scholytics is search. Search in Scholytics can be divided based on each type of entity: country, institution, and author.



Search Bar

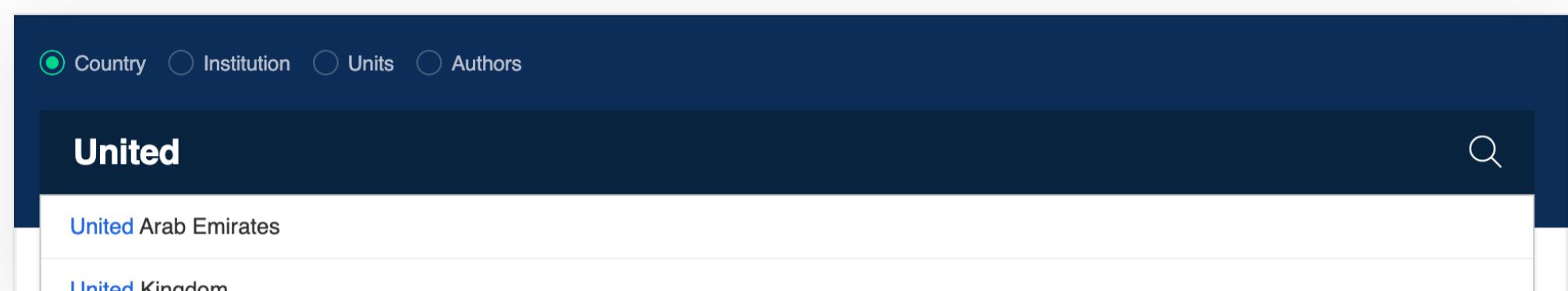
After selecting one of the radio buttons to choose an entity, users can search by typing names of entities in the search box. Units in an institution can be searched after selecting 'Unit'. First, users need to type the name of the institution and then the name of the unit. For example, if a user wants to search 'Department of Physics' in 'University of Cambridge', the user needs to select 'University of Cambridge' and then type 'physics' to find the 'Department of Physics'.



Search Bar - Units

3.1. Search Countries

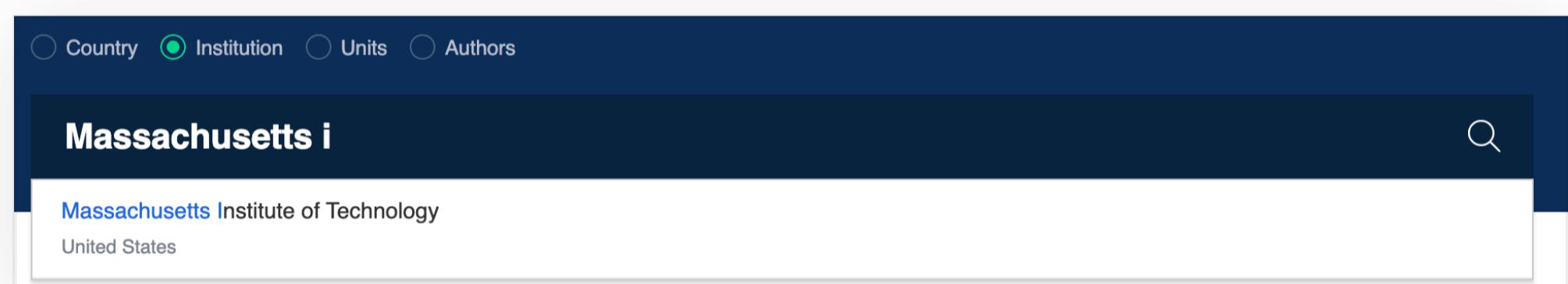
Countries can be searched with names and country codes of two or three letters in ISO 3611. For example, typing 'United' will display an auto-completed result of 4 countries. Then, the user can select 'United Kingdom' to see the intended research output. Another way is to search by country codes such as GB or GBR and then click the result.



Search Bar - Country

3.2. Search Institutions

Academic institutions and corporations can be searched with their representative names. For example, MIT can be searched with the long full name or with the short acronym, 'MIT'.



Search Bar - Institution

3.3. Search Authors

Authors can be searched by their full names or ORCID ids.



Search Bar - Institution

04

Filters

4.1. Overview

Filters are located on the left side of the page, under the deep blue colored menu bar. Users are able to analyze documents and entities by narrowing down the required scope with filters. More conveniently, these filters are consistently maintained and applied across Research Output, Collaboration, and Comparison.

Please be advised that it only applies when you click the ‘Apply’ button at the bottom, and it returns to its initial state when you click ‘Back to default’ button.

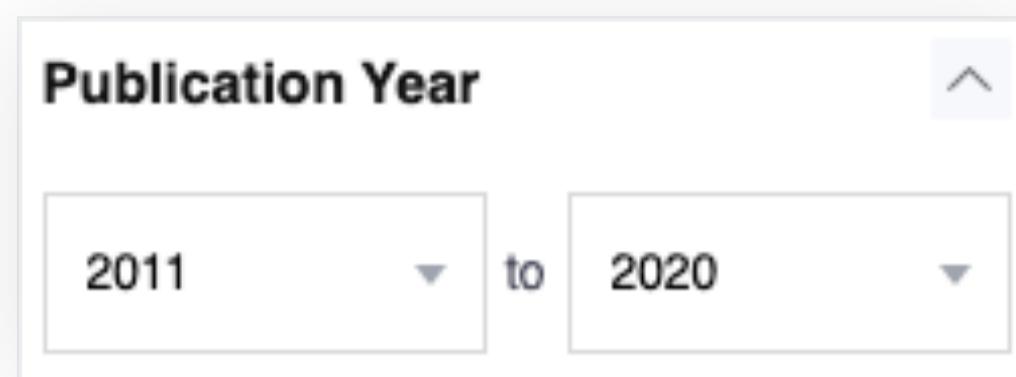
The screenshot shows the Scholyltics platform interface for Florida State University. The top navigation bar includes 'Scholyltics', 'Integrated Report', 'Comparison Report', and a user dropdown 'YG CHO'. Below the navigation is a search bar for 'Florida State University' and a 'Research Output' tab. The main content area displays an 'Institution Profile' with basic information like name, other names, URL, and ISNI. To the right are various performance metrics with line charts. On the far left, a green-bordered sidebar contains several filter sections: 'Publication Year' (set from 2011 to 2020), 'Journal Index' (checkboxes for All, SCI(E), AHCI, KCI, Not Indexed, SSCI, SCOPUS, KCI Candidate), 'Document Type' (checkboxes for Articles, Conferences, Trends/Reports, Books, Others), 'Subject Area' (checkboxes for Humanities, Arts and Sports), and a 'Back to default' / 'Apply' button at the bottom. The right side of the dashboard shows 'Top Units based on Publications' with a table:

Name	Publications	FWCI	Citations	Self-Citations	Citations/ Publications
College of Arts and Sciences	5,771	1.97	117,465	19,656	20.3
National High Magnetic Field Laboratory	1,911	1.78	35,730	6,831	18.7
College of Medicine	1,426	1.81	21,691	3,603	15.2

Florida State University - Research Output - Filters

4.2. Publication Year

The publication year filter is at the top of the filters. Scholytics uses Naver academic contents from 2010 onwards to reflect the most current trends.



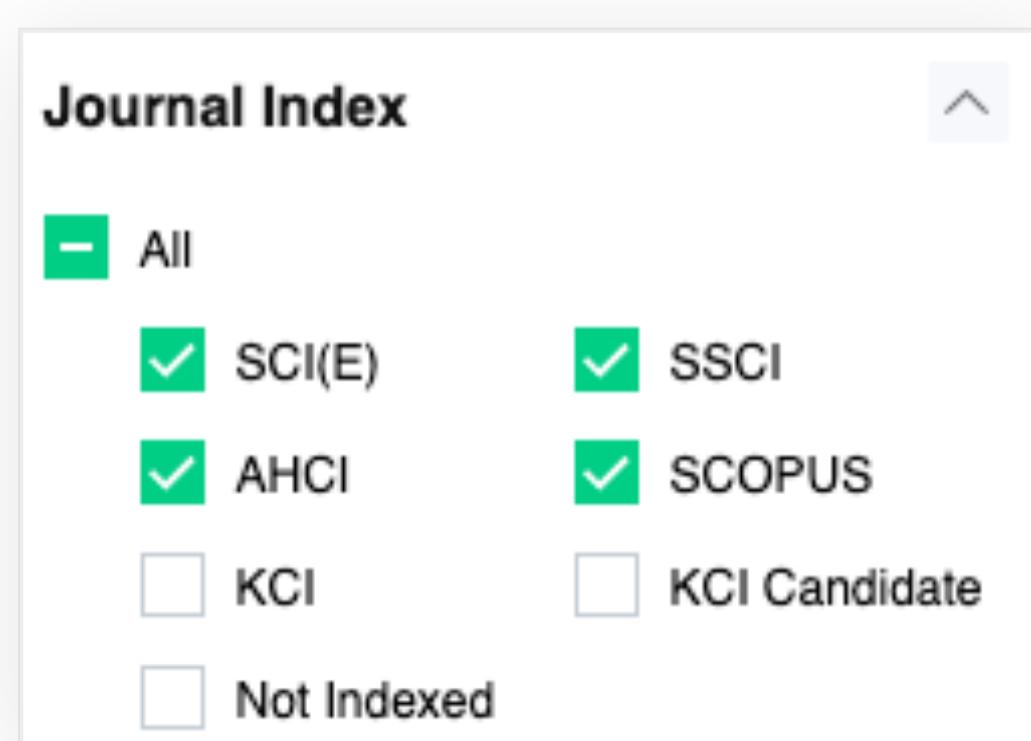
Filter- Publication Year

4.3. Journal Index

Users can limit the scope of publications which belong to each journal index. Scholytics offers a variety of journal index options to choose from to help users gain a variety of perspectives.

Since Journal index filter encompasses all types of documents such as articles, conference data, and et cetera, if you want to filter articles indexed in SSCI only, you need to check the checkboxes in front of both SSCI and Article.

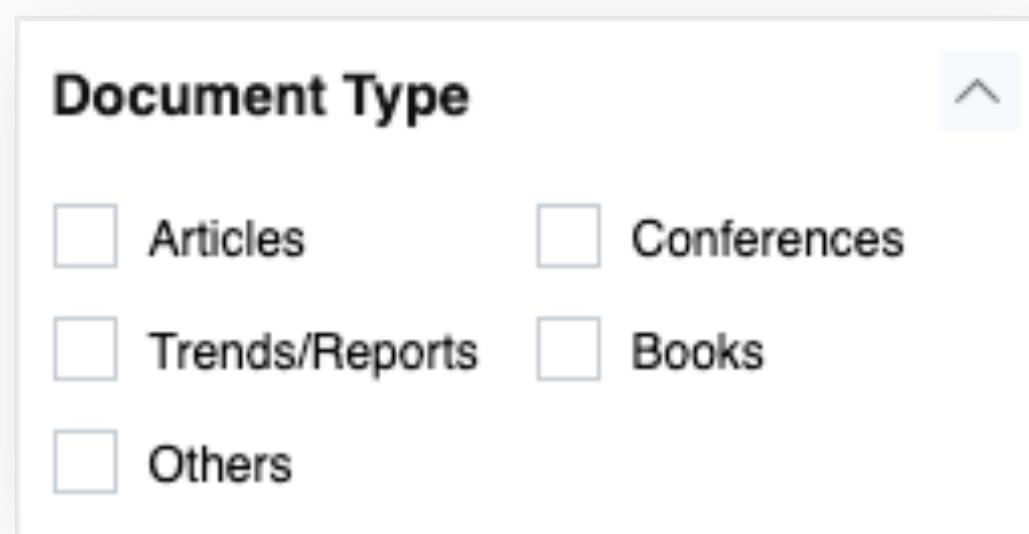
If you don't want to limit the scope of publications, you can either uncheck all the checkboxes or check 'All' checkbox. 'Not indexed' means all types of documents that do not belong to the above 6 journal indexes. Only global indexes such as SCI(E), SSCI, AHCI, and SCOPUS are chosen as the preset setting because limiting the scope of the documents to global indexes is more appropriate when comparing data globally.



Filter- Journal Index

4.4. Document Type

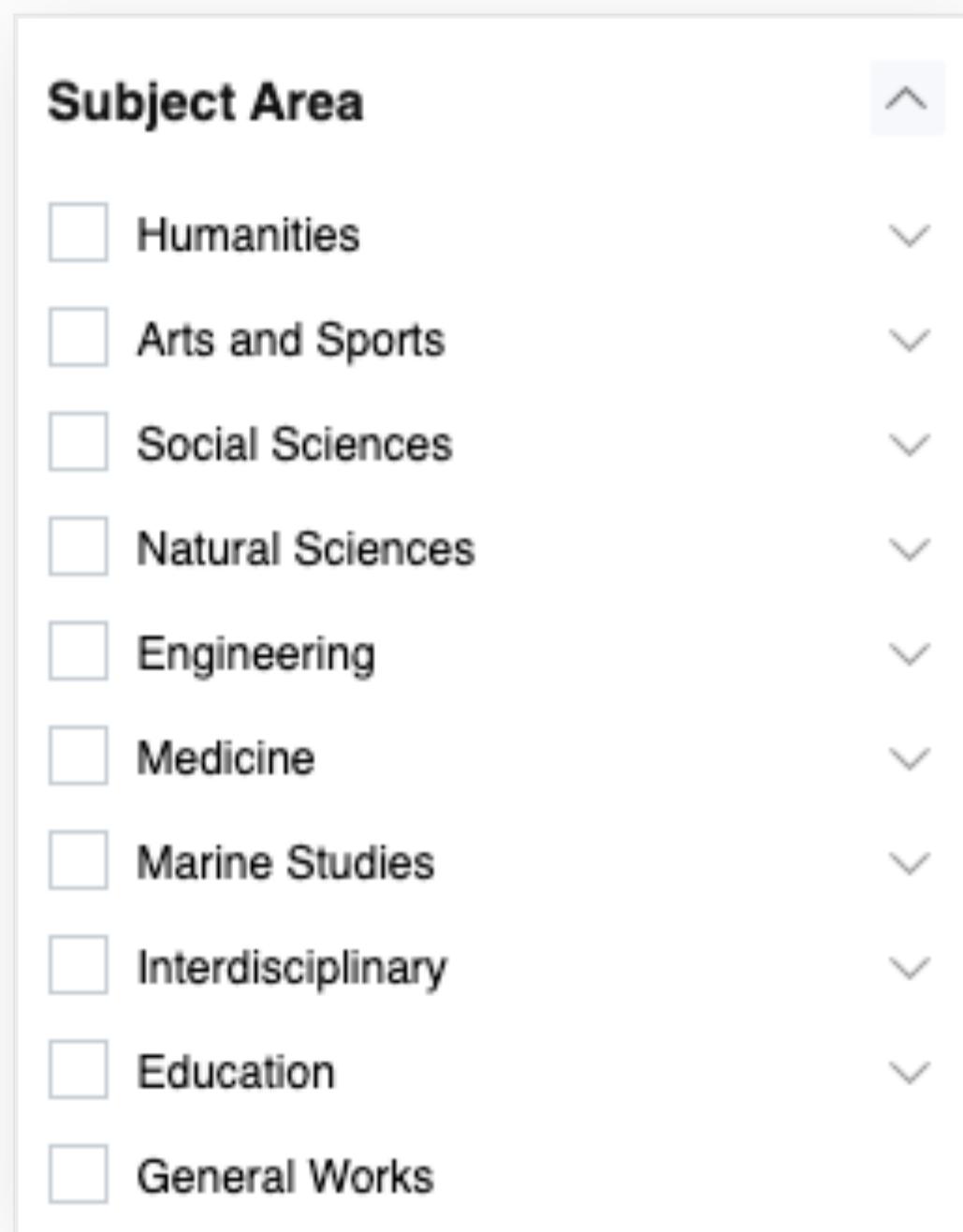
There are 5 document types that users can choose from. The document type filter limits metric calculations to articles, conferences, trends, and books. FWCi is calculated and given only for Articles, Conferences, and Books among the different document types.



Filter - Document type

4.5. Subject Area

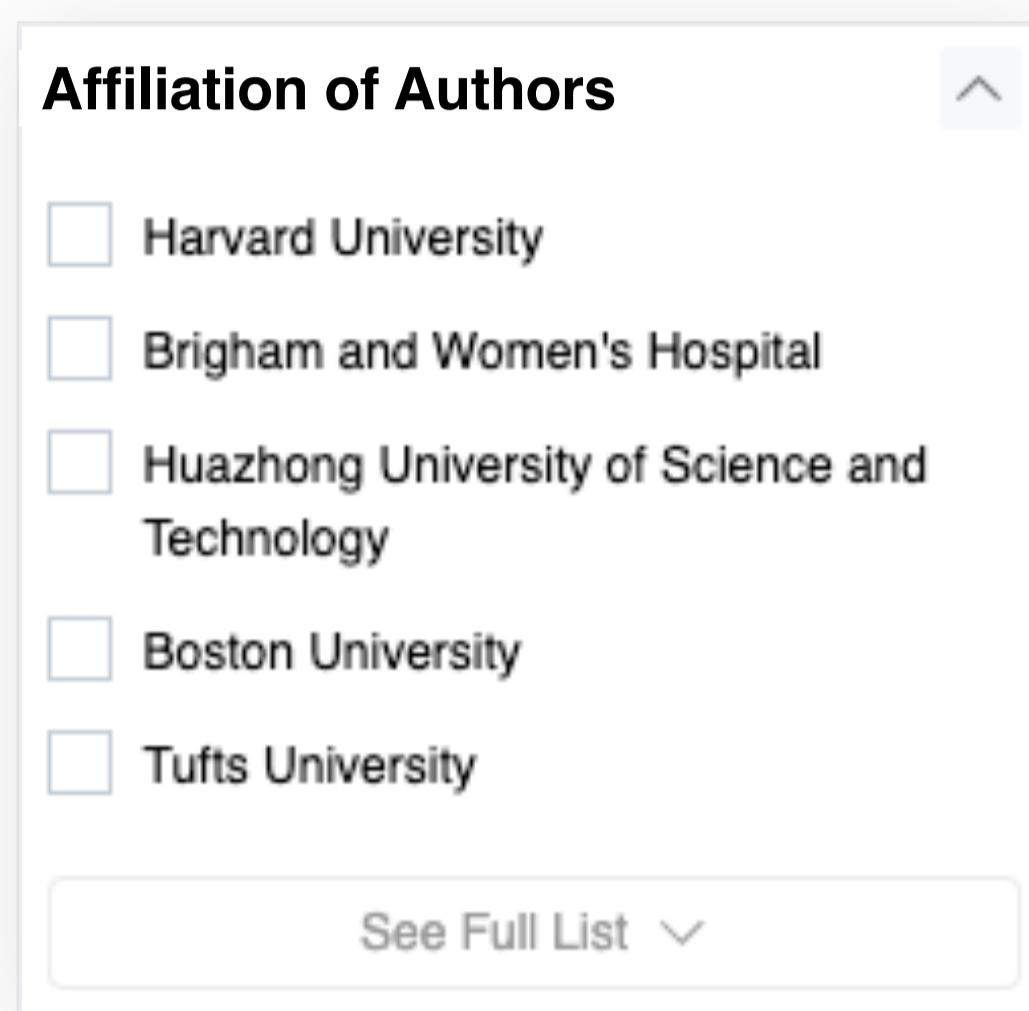
Scholytics uses Naver academic's category which has 10 main categories and 175 sub-categories.



Filter - Subject Area

4.6. Affiliation of authors

The affiliation of authors filter is available at the Research Output tab of every author. If you choose an author as an entity, the affiliation filter will appear under the ‘Subject area’ filter. Affiliations that the author currently belongs to or was once affiliated with will appear in this area. It is also showing co-author's affiliated institutions.



Filter - Affiliation of Authors

4.7. Institution Type

The institution filter is available at the Research Output tab of every country. If you choose a country as an entity, the institution type filter will appear under the ‘Subject area’ filter. Users can limit the type of the institutions that belong to the country.



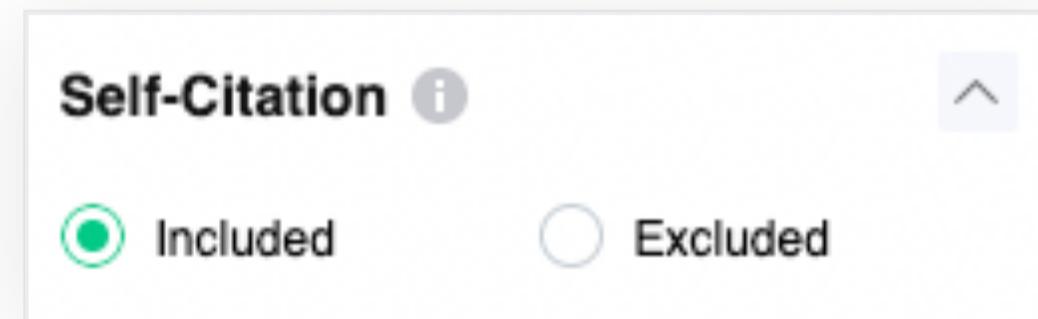
Filter - Institution Type

4.8. Collaboration Type The ‘International collaboration’ publication indicates the publication is written by authors from different countries. Users can limit the scope of publications that belong to each collaboration types. It will be deactivated when you move to the ‘Collaboration’ tab.



Filter - Collaboration Type

4.9. Self-Citation Self-citations are citations that received from publications by the same author. The number of self-citations naturally increases as the researcher's research develops, but there may be some cases of unethical self-citing practices. Thus, there is a need to exclude self-citations from the metric calculations.
Scholytics provides self-citation numbers only from the perspective of the author regardless of what entity is selected. Self-citation filter is the only filter for citations unlike the other filters working for documents. If you select ‘excluded’, you can see the citation number, excluding self-citations.



Filter - Self-Citation

05 Thresholds

5.1. Overview

There are 3 types of Thresholds in Scholytics; Publications, Citation of each document, and Number of Authors. These thresholds can be a useful tool for users in various situations.

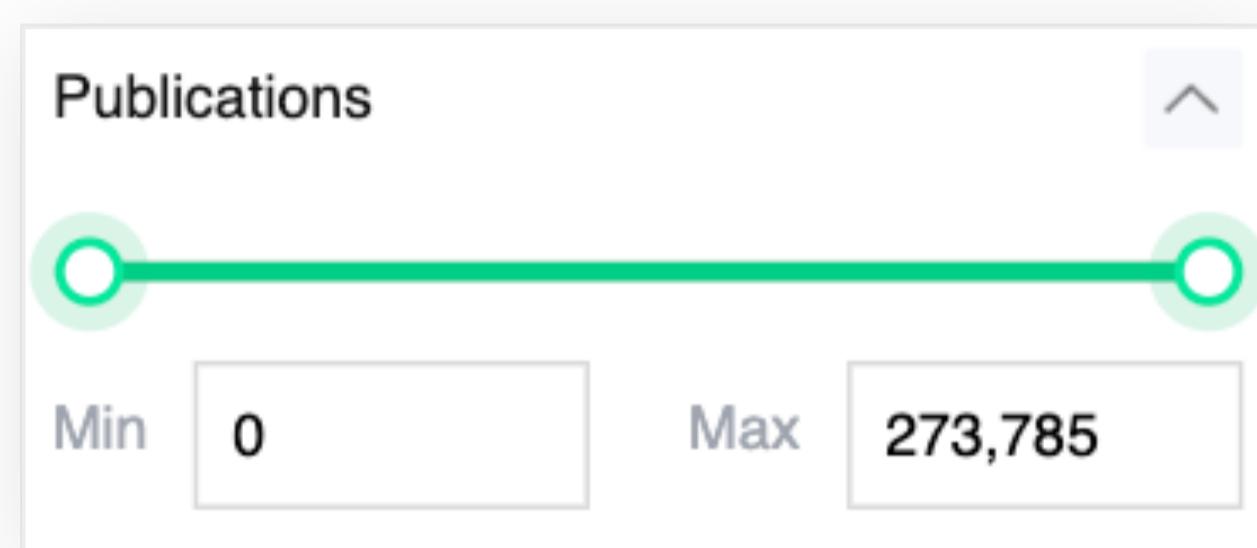
Currently, it is only applied to Research Output, but will also be applied to Collaboration and Comparison soon. Users can simply enter the numbers in the text box or move the slide to adjust numbers. ‘Min’ or ‘Max’ is also clickable.

Institution	Publications	Citation Rate	Documents	Output Score
Mayo Foundation for Medical Education and Research	84,863	2.22	1,630,256	227,219
University of California San Diego	83,024	2.60	2,012,272	289,971
The Ohio State University	81,902	2.11	1,455,126	219,158
University of Florida	81,008	1.83	1,304,078	211,220
University of Pittsburgh	77,903	2.37	1,680,443	242,932
University of Chicago	76,963	2.60	1,890,691	265,125
New York University	75,695	2.43	1,518,529	194,816
Boston Children's Hospital	72,394	1.92	1,143,437	164,251
Northwestern University	71,241	2.58	1,600,011	222,519
Emory University	67,948	2.27	1,316,159	184,841

United States - Units - Thresholds

5.2. Document Type

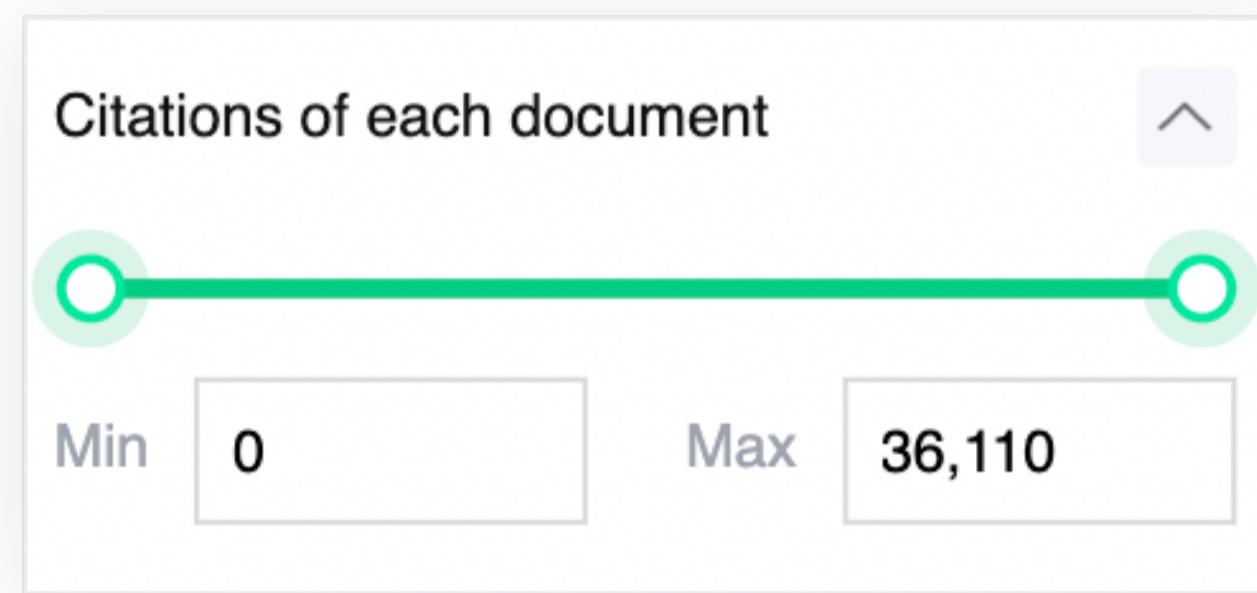
Users can limit the number of publications of each country, institution, and author by using these thresholds. If you want to find academic institutions that have more than 5,000 publications, you can either enter 5,000 in the ‘min’ or simply adjust the bar. This threshold is not available in the Document tab.



Thresholds - Publications

5.3. Citations of each document

There are many documents which have a zero citation number. This threshold can be useful when you want to find documents cited more than once. You can also limit the maximum number of citations by entering a number in the ‘max’ text box.



Thresholds - Citations of each document

5.4. Number of Authors

Users can find institutions that have more than 1,000 authors, and also can find documents that have less than 100 co-authors by using this threshold.



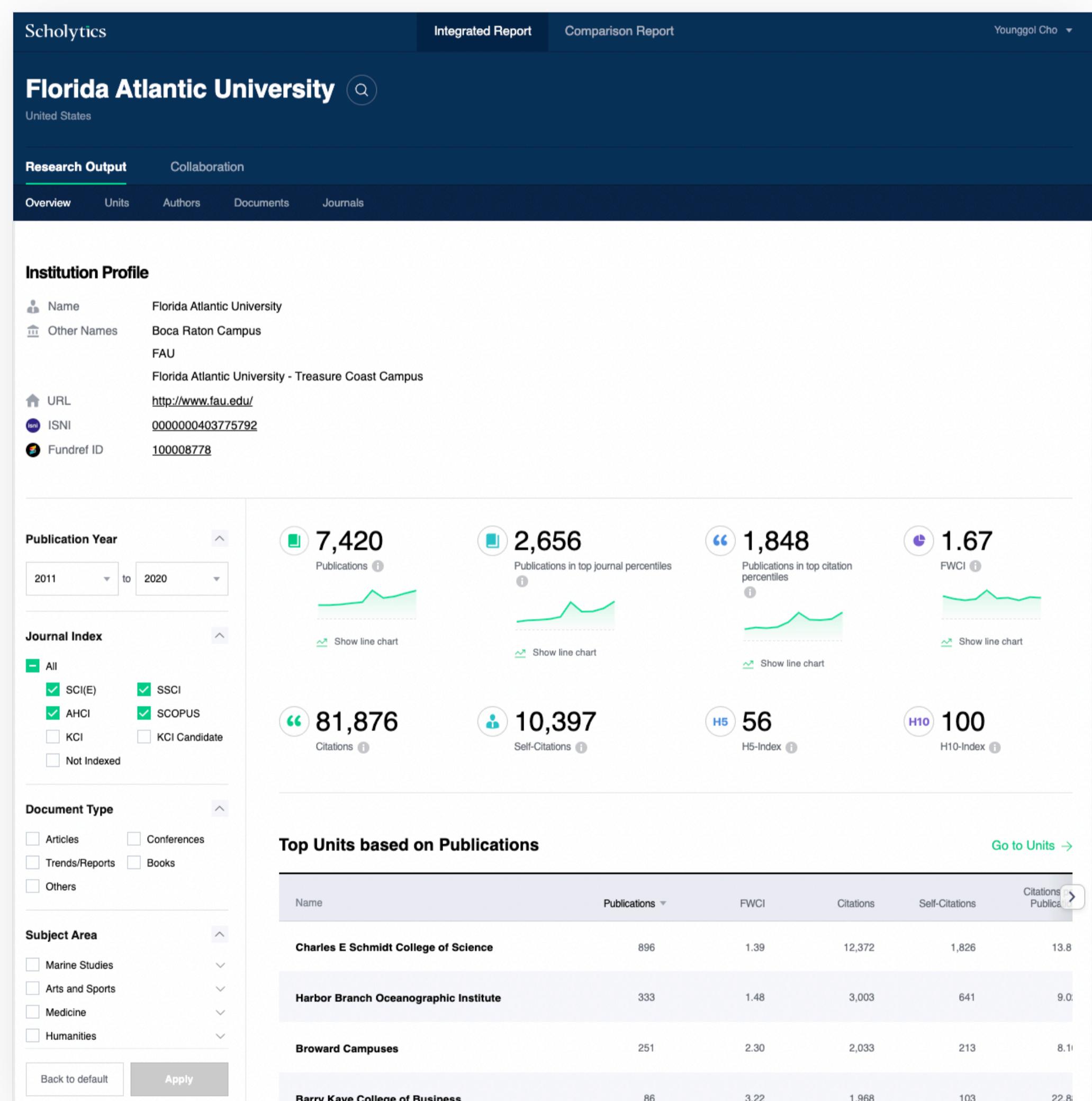
Thresholds - Publications

06

Research Output

6.1. Overview

When a user searches an entity and clicks its name, the user will first meet the overview page in ‘Research Output.’ Performance for the recent ten years are summarized in the page. Major metrics of the entity will be presented in the upper side of the overview pages, and summarized units, authors and documents will follow in the lower side.



Florida Atlantic University - Research Output - Overview

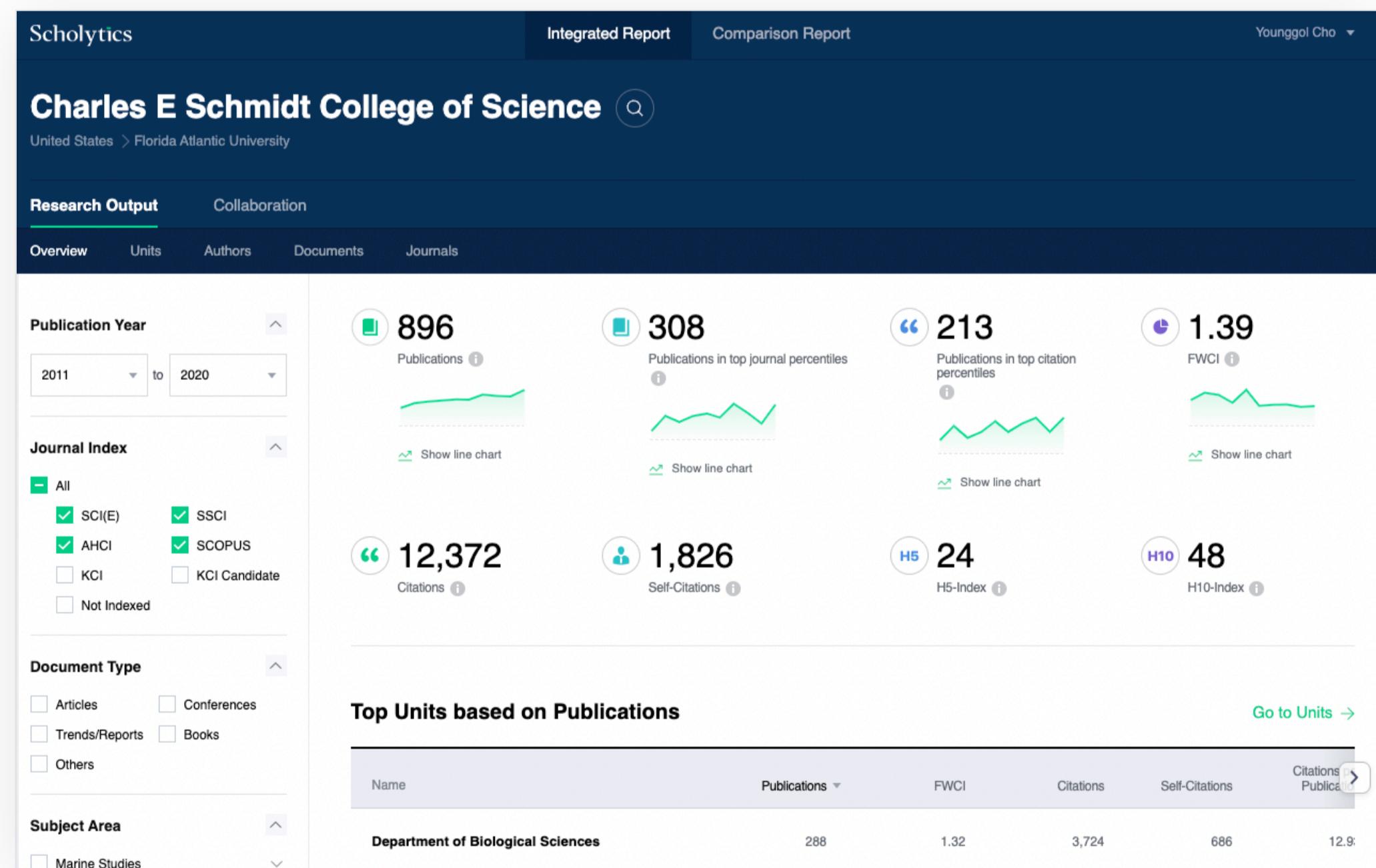
6.2. Units

'Units' page is one of the easiest ways to start your unit level analysis. Of course, it is possible to search units from the top search box any time. However, it is much easier to find units in this page because all you have to do is just drilling down by clicking the name of units.

13 Units						
Name	Publications	FWCI	Citations	Self-Citations	Citations per Publication	
Charles E Schmidt College of Science	245	1.78	3,815	190	15.57	Download
Max Planck Florida Institute	160	2.75	3,129	201	19.56	
Harbor Branch Oceanographic Institute	130	1.26	907	60	6.98	
Broward Campuses	40	3.05	905	17	22.63	

Florida Atlantic University - Research Output - Units

If you click the name of an unit, you will find the overview page of the unit. It is similar to the overview page of an institution, however all the metrics in the page are only from the unit.



Florida Atlantic University - College of Science - Research Output

Under the name of unit, you can find the hierarchy of the unit. You can easily move back to a higher level unit or institution by clicking the name of the unit or institution.

The screenshot shows the Scholylitics interface with a navigation bar at the top. The main content area displays a breadcrumb navigation path: United States > Florida Atlantic University > Charles E Schmidt College of Science. This path is highlighted with a green border. Below the path, the text "Institution Unit Search Hierarchy" is displayed.

6.3. Authors

Authors in an entity are listed in the ‘Authors tab’ in ‘Research Output.’ The default sorting order is based on the number of publications. However, you can change the sorting order by clicking the names of metrics.

The screenshot shows the 'Authors' tab in the 'Research Output' section for Florida Atlantic University. The title '4,245 Authors' is at the top left. A green circle highlights the 'Publications' dropdown menu, which is currently set to 'Publications'. The table below lists four authors: Taghi M. Khoshgoftaar, Mirjana Pavlovic, Charles H. Hennekens, and Amri Napolitano. Each author's name, affiliation, and publication count (181) are shown. The table includes columns for Name, Publications, CI, Citations, Self-Citations, and Citations per Publication.

Name	Publications	CI	Citations	Self-Citations	Citations per Publication
Taghi M. Khoshgoftaar Florida Atlantic University	181	1.95	957	70	5.29
Mirjana Pavlovic Florida Atlantic University	85	0	0	0	0
Charles H. Hennekens Florida Atlantic University	66	0.83	486	73	7.36
Amri Napolitano Florida Atlantic University	64	1.18	440	30	6.88

Florida Atlantic University - Research Output - Authors

6.4. Documents

Documents in an entity are listed in the ‘Documents tab’ in ‘Research Output.’ The default sorting order is based on the number of citations. However, you can also change the sorting order by clicking names of metrics.

The screenshot shows a list of 5,547 documents. The first two entries are:

- Bullying, cyberbullying, and suicide.** Sameer Hinduja et al. (Citations: 735, Self-Citations: 0, FWCI: 39.66, Co-Authors: 2). Categories: Mental Health and Medicine, Psychology.
- Data mining with big data** Xindong Wu et al. (Citations: 733, Self-Citations: 0, FWCI: 66.71, Co-Authors: 4). Categories: Physics, Electrical and Electronic Engineering.

Florida Atlantic University - Research Output - Documents

If you click the title of each document, you will be directed to the document page in Naver Academic.

The screenshot shows the Naver Academic document page for the paper 'Bullying, Cyberbullying, and Suicide' by Sameer Hinduja, Justin W. Patchin. The page includes details such as author, journal, publisher, cited count, partners, DOI, and library links. It also features a sidebar with related articles.

Document Details:

- Author:** Sameer Hinduja, Justin W. Patchin
- Journal:** Archives of Suicide Research (SCOPUS, SSCI)
- Publisher:** Elsevier (in 2010)
- Cited Count:** 1,158
- Partners:** Taylor & Francis, MEDLINE®, PubMed®, British Library, Crossref
- DOI:** 10.1080/13811118.2010.494133

Related Articles:

- Perfectionism, Stress, Daily Hassles, Hopelessness, and Suicide Potential in Depressed Psychiatric Adolescents (2014) Paul L. Hewitt et al.
- The Buffering Effect of Family Cohesion in the Relationship between Depression and Suicidal Risk (2014) Yun-Jeong Kim et al.

Naver Academic, Korea's largest scholarly search site

6.5. Journals

'Journals' page in 'Research Output' lists all journals related to an entity. All statistics under 'entity' may be controlled using filters on the left portion of the screen. However, all numbers under 'worldwide' are only affected by changes in publication years. Other filter options do not affect the 'worldwide' statistics.

1,839 Journals										Download	
		Citations		FWCI		Publicat					
Journal Name		Entity	Worldwide	Entity	Worldwide	Entity	Worldwide	Entity	Worldwide	Entity	
Archives of Suicide Research SSCI SCOPUS ISSN : 1381-1118 eISSN : 1543-6136		735	4,219	39.66	1.09	1					
Mental Health and Medicine	Psychology		view more ↗								
IEEE Communications Surveys & Tutorials SCOPUS SCI(E) ISSN : 1553-877X		11	806	21.49	1.96	4					

Florida Atlantic University - Research Output - Journals

Publication Year

2011 ▾ to 2020 ▾

Journal Index

- All

SCI(E) SSCI

AHCI SCOPUS

KCI KCI Candidate

Not Indexed

Document Type

Articles Conferences

Trends/Reports Books

Others

Subject Area

Marine Studies

Arts and Sports

Medicine

Humanities

Interdisciplinary

General Works

Natural Sciences

Engineering

Social Sciences

Education

Collaboration Type

International Collaboration

Only National Collaboration

Only Institutional Collaboration

Single Authorship

Self-Citation ⓘ

Included Excluded

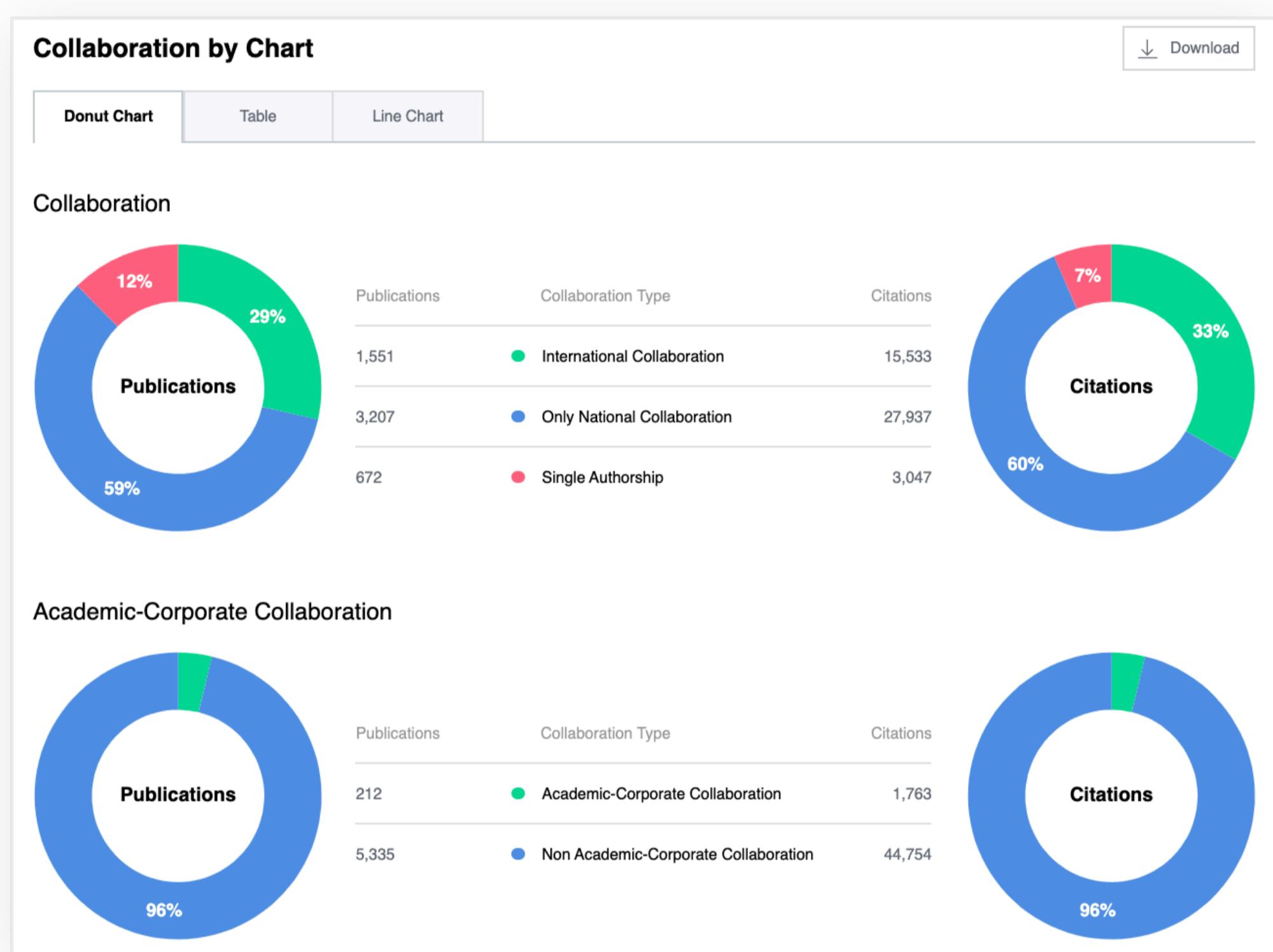
[Back to default](#) [Apply](#)

Journals - Filter Options

07 Collaboration

7.1. Status by Collaboration Type

Users can find the ratio of each collaboration type based on the number of publications or citations. Scholytics identifies four authorship types: international, national, institutional, and single authorship. All publications in Scholytics can be classified into one of these four types.



Florida Atlantic University - Collaboration – Status by Collaboration Type

Academic-Corporate Collaboration measures the amount of collaboration between academic and corporate sectors. Affiliations in Scholytics are classified as follows: academic, corporate, government, hospital, public, and more. If a publication has authors from both academic and corporate sectors, we identify it as an academic-corporate collaboration.

7.2. Top Collaboration

Users can also find top collaborating partners in the ‘Top Collaboration tab’. By selecting entity level in the inner tab, users can find collaborating institutions, countries, and authors.

Top Collaboration ⓘ						
Countries	Institutions	Authors				
1,383 Institutions						 Download
Name	Publications ▾	FWCI ▾	Citations ▾	Self-Citations ▾	Citations per Publication ▾	
University of Miami	134	1.47	1,125	94	8.40	
Florida International University	82	1.14	571	28	6.96	
University of South Florida	80	3.40	514	40	6.42	
University of Florida	75	0.95	739	29	9.85	
Nova Southeastern University	57	0.86	592	29	10.39	
University of Michigan	51	1.69	428	36	8.39	
University of Minnesota	44	2.11	545	47	12.39	
Columbia University	43	1.35	322	24	7.49	
University of Central Florida	42	3.13	741	21	17.64	
Florida State University	42	2.59	632	46	15.05	
1 of 139	First	1	2	3	4	5
		...	Last	Show	10	▼

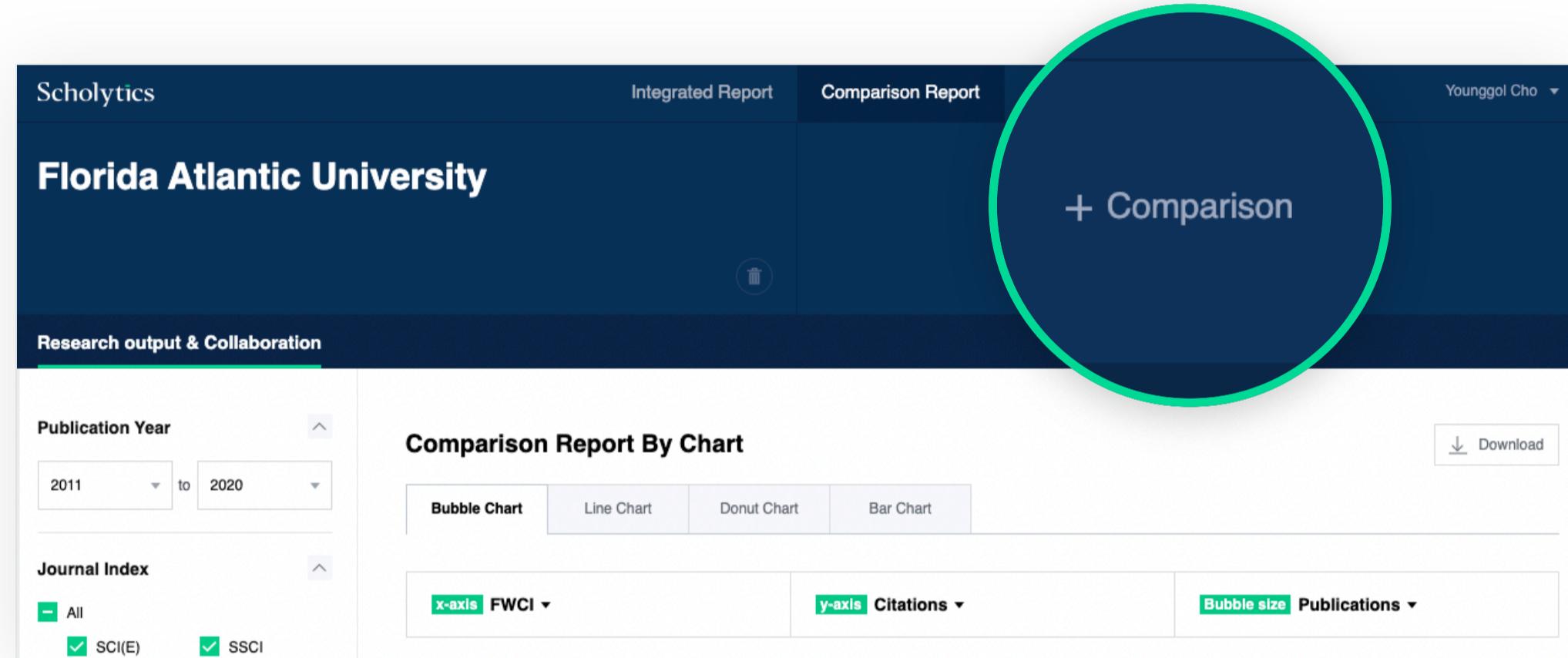
Florida Atlantic University - Collaboration - Top Collaboration

08

Comparison

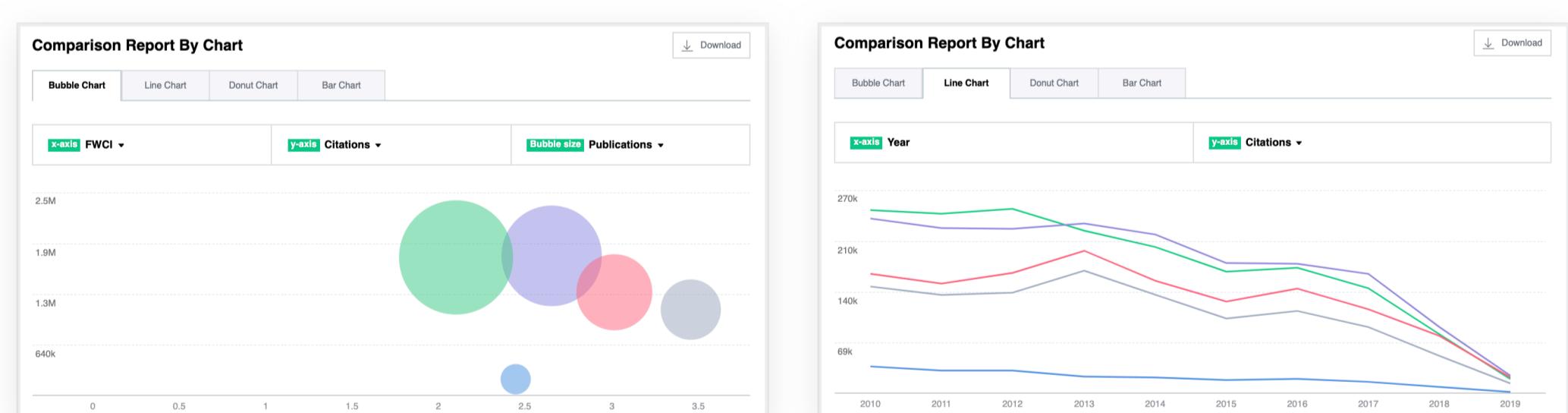
Comparison Report

In Scholytics, users can compare up to fifty entities in ‘Comparison Report’. By clicking ‘+ Comparison’, users can easily add an entity to create their own comparison combinations. Entities can be countries, institutions, specific units and authors.



Johns Hopkins University - Comparison Report

Users can also see the result in various charts and tables.

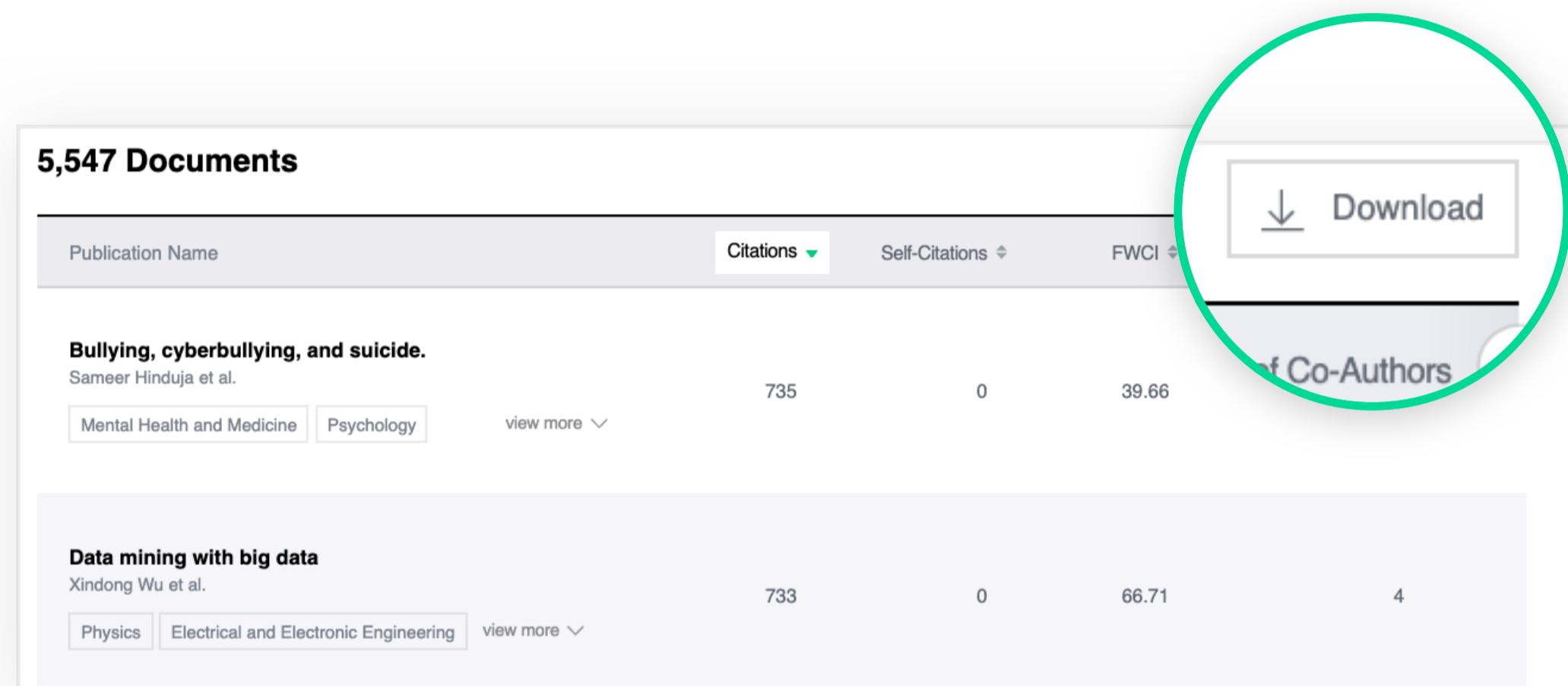


Johns Hopkins University - Comparison Report - Bubble Chart, Line Chart

09 Download

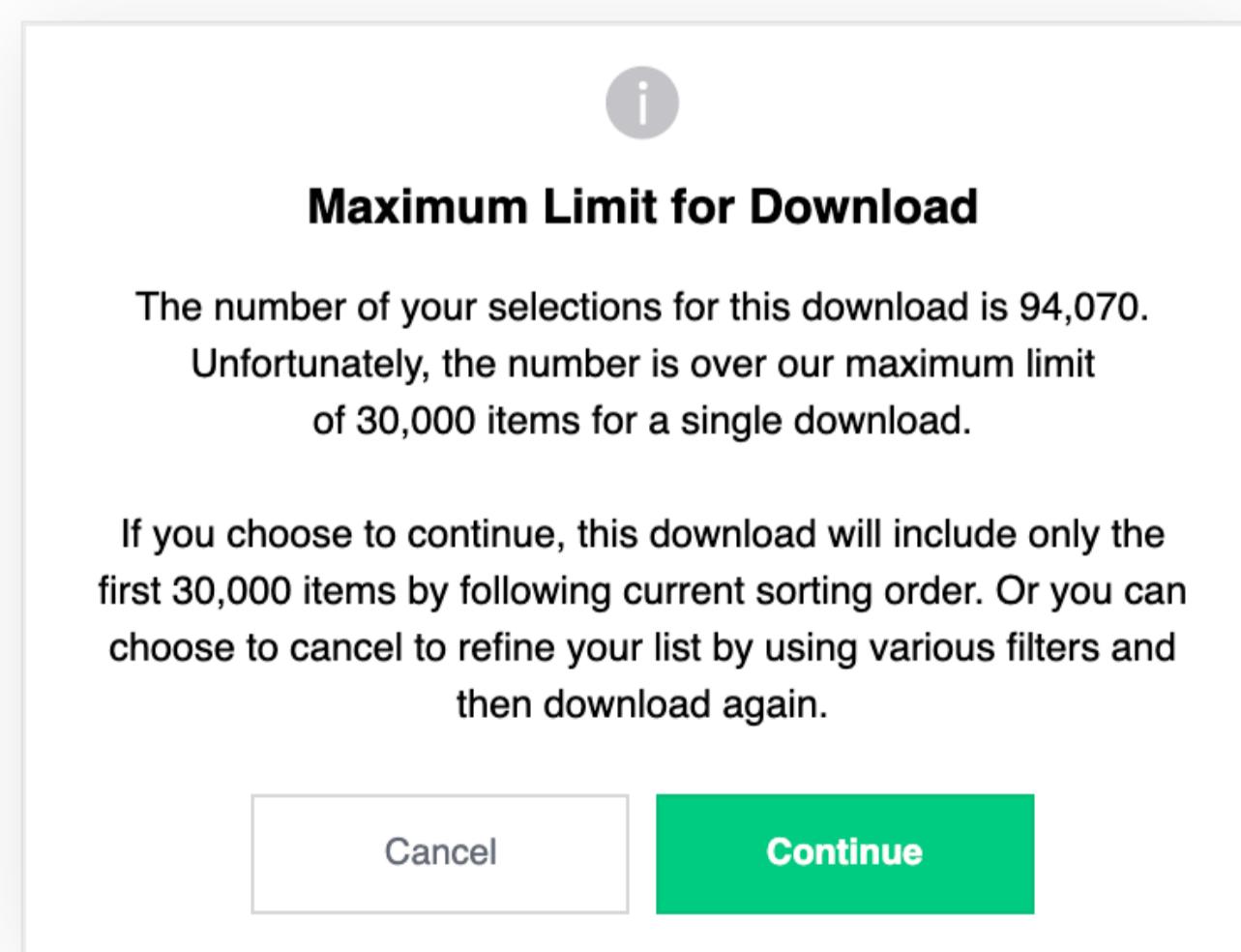
Downloading Scholytics Data

In Scholytics, users can download the listed items by clicking the download button in each page.



Downloading Data

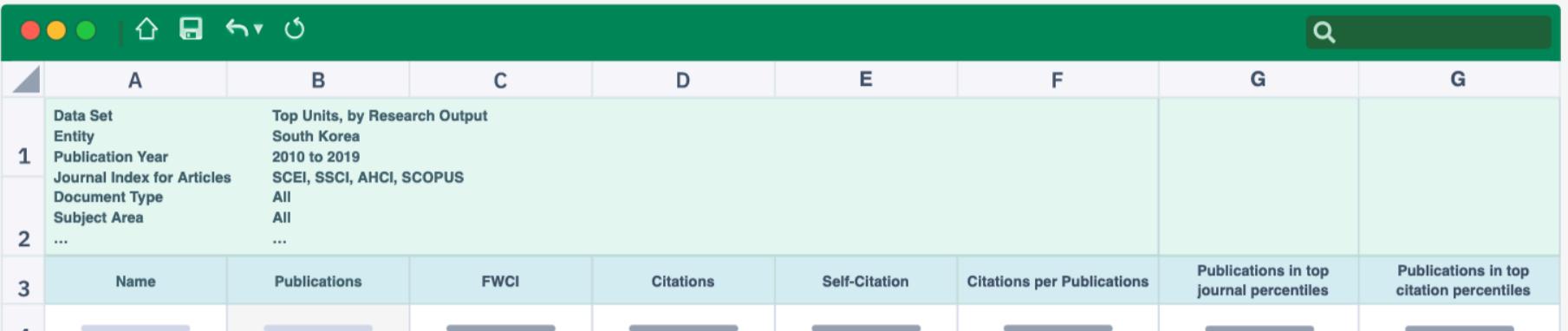
The maximum number of items for download is 30,000 in Scholytics. If the total number of items to download is over 30,000, only the first 30,000 items will be downloaded.



Users will have the option to add or delete specific fields for their download.

Select the fields to include in your download

* Excel Download Example



The screenshot shows a Microsoft Excel interface with a green header bar containing a search icon. Below the header are tabs labeled A through G. The first row (A) contains the title "Data Set". Subsequent rows provide specific details: Row 1 includes "Entity" (South Korea), "Publication Year" (2010 to 2019), and "Journal Index for Articles" (SCEI, SSCI, AHCI, SCOPUS); Row 2 includes "Document Type" (All) and "Subject Area" (All); Row 3 lists columns for "Name", "Publications", "FWCI", "Citations", "Self-Citation", and "Citations per Publications", along with two additional columns for "Publications in top journal percentiles" and "Publications in top citation percentiles". The right side of the interface features vertical labels "Filter" and "Fields" next to the column headers.

	A	B	C	D	E	F	G	G
1	Data Set Entity Publication Year Journal Index for Articles	Top Units, by Research Output South Korea 2010 to 2019 SCEI, SSCI, AHCI, SCOPUS						
2	Document Type Subject Area ...	All All ...						
3	Name	Publications	FWCI	Citations	Self-Citation	Citations per Publications	Publications in top journal percentiles	Publications in top citation percentiles
4								

Meta Data

- Journal Name
- eISSN
- Vol
- Index
- Number of Co-Authors

Metrics for publications

- Publications in top journal percentiles
- Publications in top citation percentiles

Metrics for citations

- Citations
- Self-Citations
- FWCI

 Reset to Default

Cancel

Continue

Selecting Fields for Download

The downloaded result will be sent to the user's email. It may take more than 10 minutes if the total number of items is close to the maximum limit, 30,000. By clicking the download button in the email, users can download the excel file.

