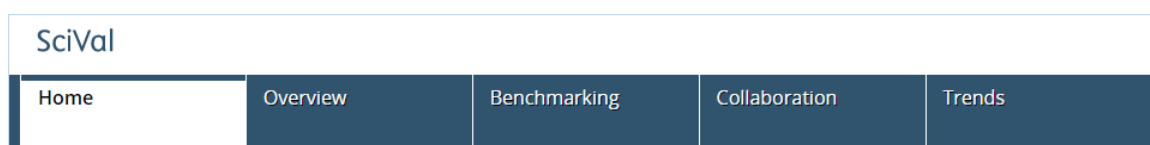


1 About SciVal

1.1 What is SciVal?

SciVal is a set of integrated modules that enables your institution to make evidence-based strategic decisions. SciVal consists of four modules:

- Overview - Get an overview of the research performance of your institution and others based on output, impact, and collaborations.
[View a short video about the Overview module](#)
- Benchmarking – Determine your strengths and weaknesses. Compare your research institution and teams to others based on performance metrics. Model different test scenarios.
[View a short video about the Benchmarking module](#)
- Collaboration – Identify and analyze existing and potential collaboration opportunities. Identify suitable collaboration partners. See who others are collaborating with.
- Trends - Analyze Research Areas to find top performing universities, authors and journals. Spot growing and declining topics in the field.



SciVal for chancellors and deans

To make the right strategic decisions, you need actionable data. SciVal gives you insights to make evidence-based decisions. Track your research performance, identify your institution's strengths and compare your institution to peers around the world.

SciVal for senior researchers and department heads

With less funding and more competition, it's not enough to do good research. SciVal gives you the tools to evaluate and clearly demonstrate the value of your research to funding agencies and others. Analyze your performance by team or department, compare to peers and identify new collaboration partners.

SciVal for research administrators, development professionals and data experts

SciVal combines the power to perform massive calculations with the flexibility to respond to user-defined queries. You can apply 15 different metrics to any grouping of people or publications. And you can filter the data by more than 330 journal categories.

1.2 What Spotlight and Strata users can expect

SciVal is the successor to SciVal Spotlight and SciVal Strata. SciVal has fully integrated the analytical capabilities of Spotlight and Strata, and made them more comprehensive and intuitive, with more metrics and more sophisticated ways to analyze performance.

- For Strata users – In SciVal, there are more refined analysis capabilities. Instead of five traditional metrics you can benchmark any institution, groups of researchers or publications using 15

different metrics.

- For Spotlight users – In addition to the innovative competencies and collaboration analysis introduced in Spotlight, SciVal offers more traditional indicators for research performance evaluation.

Benefits of the new SciVal include:

- A single integrated platform
SciVal has three modules: Overview, Benchmarking and Collaboration. They form a single integrated platform sharing the same data, entities and metrics. You can navigate from one module to the other with ease.
- Tailored to your needs
In addition to extensive predefined entities, you can also define and analyze your own entities, research teams and topics. This is helpful when tracking performance or planning strategy in a very narrow field, which is not covered by existing entity definitions.
- More metrics and improved visualizations
SciVal goes beyond the basic metrics introduced in Strata. There are more metrics and more flexible ways to analyze the metrics. In seconds, you can see an in-depth analysis.

1.3 Browser requirements

Supported browsers. We strive to fully support the latest full versions of Mozilla® Firefox® and Google Chrome™ on Microsoft Windows and Mac OS X. The following versions were tested for the current SciVal release:

- Firefox version 37.x
- Chrome version 42.x

SciVal also fully supports the following browsers running on Microsoft® Windows operating systems:

- Microsoft Internet Explorer version 9, 10 and 11

SciVal also fully supports the following browsers running on Mac OS X:

- Safari 7 and 8

Note that:

- Other operating systems and browsers may also be able to access Elsevier products; however, the [Elsevier E-Helpdesk](#) cannot provide expert advice or technical support to solve problems you may encounter when using these systems.
- Beta or test versions of browsers are not supported..
- Mobile browsers are not supported.

2 Get started

2.1 Logging in

To log in to SciVal:

1. Go to www.scival.com
2. If you already have access to other Elsevier sites (such as ScienceDirect or Scopus), you can log in with your current user name and password.

Registering as a new user. If you do not yet have an Elsevier username and password, you will need to register as a new user.

1. Go to www.scival.com and click the "Register" link.
3. Your username is your email address. It is not case-sensitive.
4. Create a password. Your password must be 5-20 characters long, and it must contain at least:
 - 1 uppercase character
 - 1 lowercase character
 - 1 number or special character:
0 1 2 3 4 5 6 7 8 9 * ~ ! @ # \$ % ^ & * _ + { } | : " < > ? ` - = [] \ ; ' , . / "

Remote access. If you are a registered user, there are two ways to access SciVal remotely.

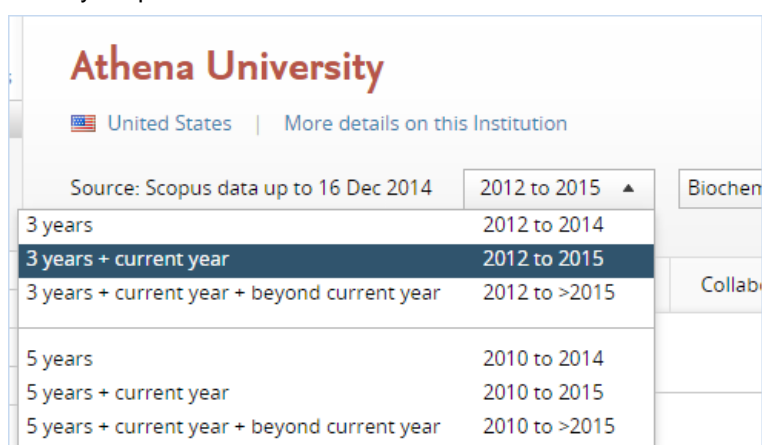
1. You can activate it yourself when you are logged in.
2. Or you can use a registration link provided by Elsevier support staff.

Contact your system administrator for details.

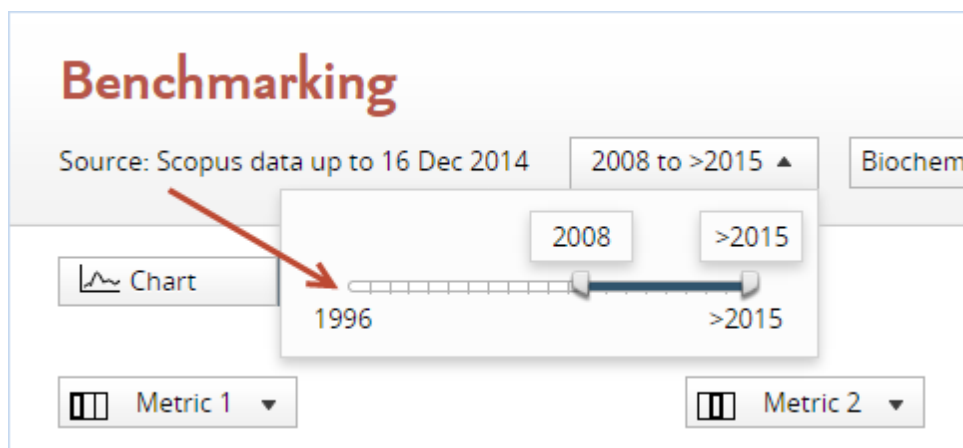
2.2 Selecting a time period

Use the year range selector at the top of the page to select the time period for your analysis. This lets you choose the range of publication years for the publications that are included in your analysis.

- In the Overview and Collaboration and Trends modules, you can analyze performance for a three- or five-year period.



- In the Benchmarking module, you can compare performance from 1996 until the present.



Optionally, you can also include the current year as well as publications in future years. However, you may want to exclude this because, by the end of the current year, Scopus has only received and indexed a certain portion of the current year's journals from other publishers.

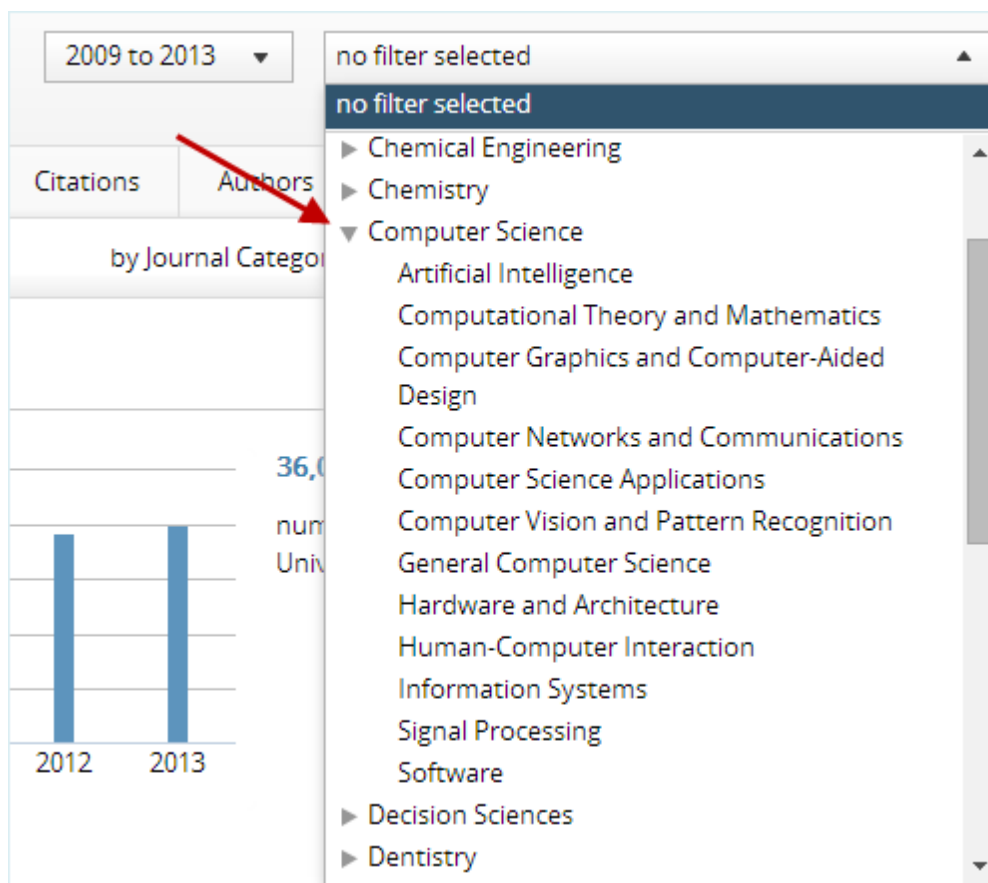
2.3 Filtering by subject area

In SciVal all data can be filtered by subject area. You can choose from 27 main categories and 334 subcategories in the Scopus journal classification. Or use a different journal classification.

[Which journal classifications are available in SciVal?](#)

You can use any of the journal categories as a filter for further analysis.

- The Scopus journal category filter is available in the modules Overview, Benchmarking and Collaboration.
- Click the arrow next to each journal category to display the subcategories.



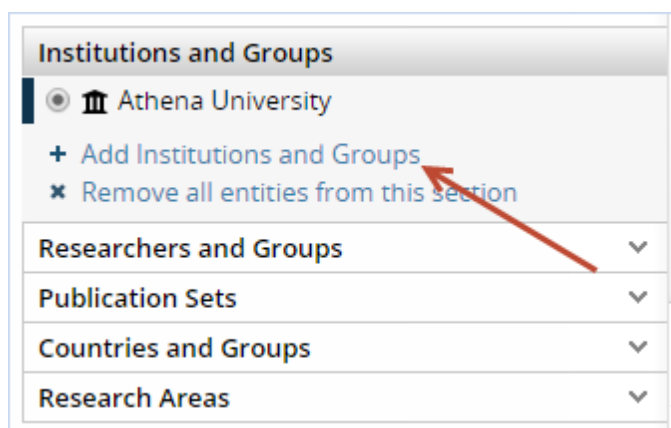
2.4 Selecting entities

An entity is anything that can be viewed in SciVal in terms of academic performance. An entity can be an institution, country, researcher, publication set, or research area. It can also be groupings of these, such as a group of researchers.

Use the entity selection panel to select the entities that you want to analyze. It is on the left side of the screen in each of the three modules. Think of the entity selection panel as a workspace. All your entities of interest are in one clear and organized place.

Choose from the thousands of predefined entities in the SciVal database: institutions or countries. Or define your own entities. Your self-defined entities can be researchers, research teams, publication sets or even research areas.

To add additional items to the entity selection panel, click the "Add" link at the bottom of the currently opened section:



Start typing the name of the entity you will like to add. Then click on the name when it appears in the search results. You can also click on the “Define” links to define an entirely new entity.

You can safely remove entities from the panel. They will not be permanently deleted. You can add them back at any time.

To learn more, see [Selecting entities](#) in the section "Working with entities in SciVal".