

Finding Influential journals:

Altmetric Explorer

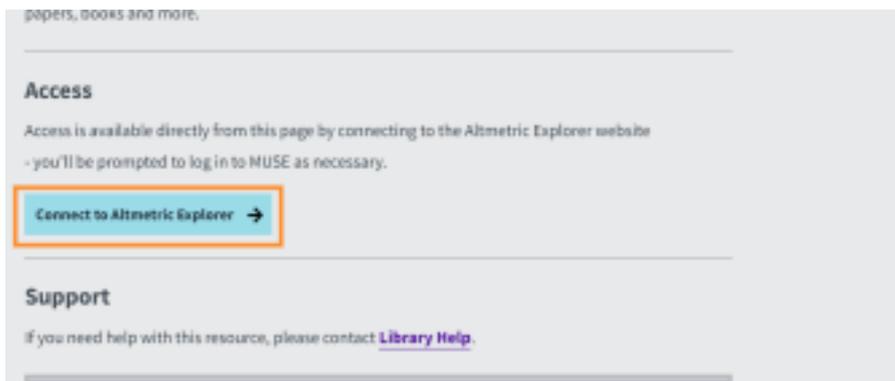
Altmetrics are designed to help track online attention surrounding published research. Altmetric Explorer monitors a variety of online sources and tracks any instances where a research output is mentioned, shared or discussed. The sources tracked include:

- news outlets
- scholarly blogs
- policy documents
- patents
- social media
- post-publication peer review services
- Mendeley
- Citations from the Dimensions database

This data can be used to complement citation metrics and can help to give a richer picture of the impact, reach or influence of research, both within the academic community and beyond.

Altmetric Explorer can be used to identify journals which publish research receiving a high number of mentions.

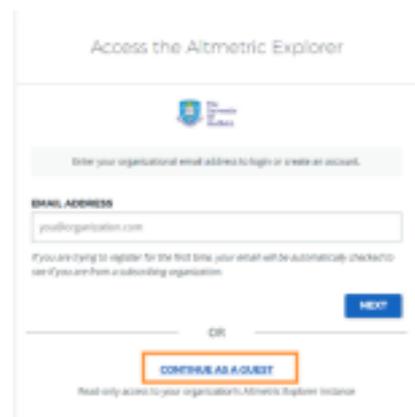
Search for Altmetric Explorer via StarPlus or go directly to <https://students.sheffield.ac.uk/library/eresources/altmetric>
From here, click **Connect to Altmetric Explorer**



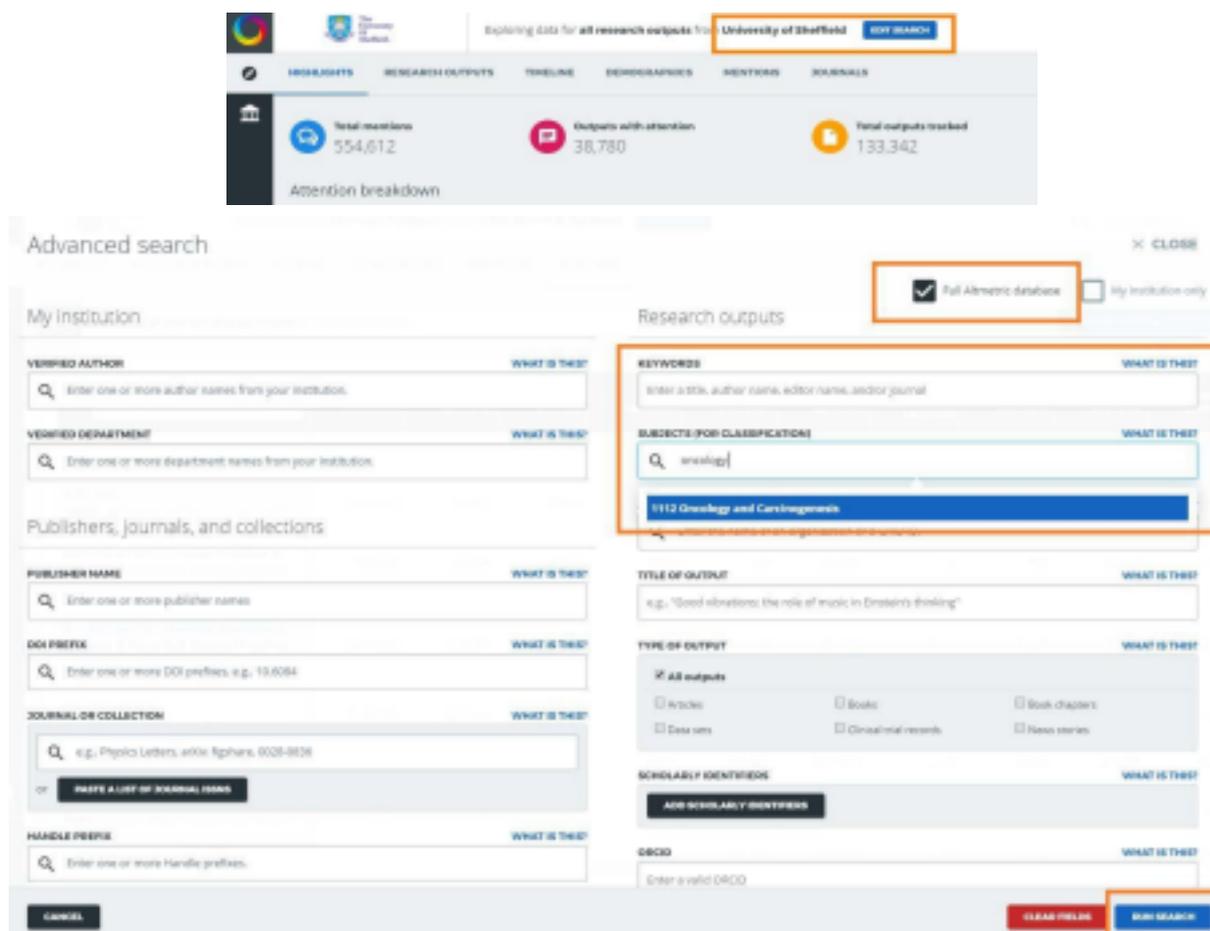
You may be asked to sign in or register – click **Continue as a Guest** for now (registering allows you to save reports but isn't necessary to use Altmetric Explorer)

By default, Altmetric Explorer shows only mentions relating to University of Sheffield research outputs. However, if you want to explore research from across the world, click on **'Edit Search'** and select **'Full Altmetric database'**. You will then have access to altmetric data on millions of research papers, conference papers, books and more.

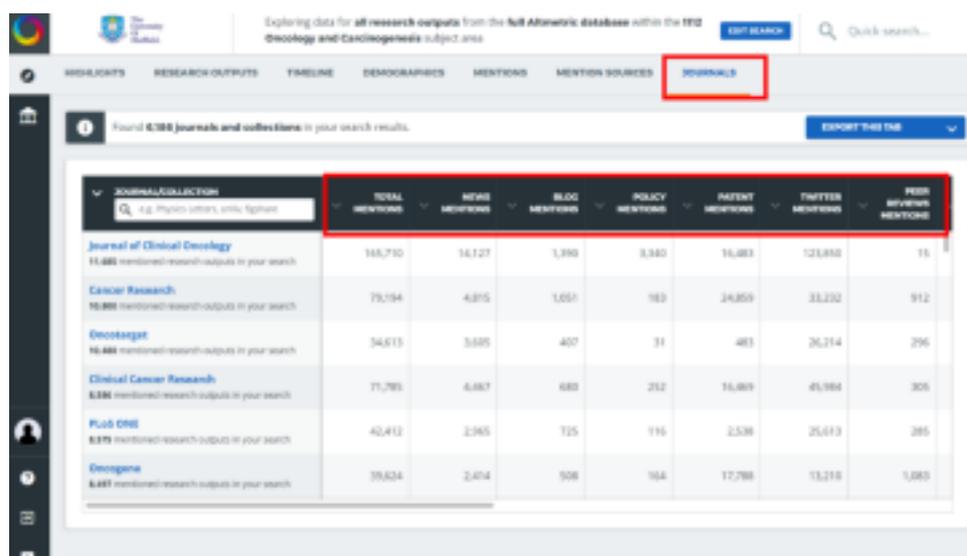
To search for research outputs relating to your subject area, you can either use the Keywords search to look for topics you're interested in,



or use the Subjects box to search using pre-defined subject categories. When you're happy with your search, click 'Run Search'



Once you've run a search Altmetric Explorer will give you an overview of the research articles that have generated the most mentions. Click on the journals tab at the top of the page to see these mentions aggregated by journal title. This will bring up a list of journals, ranked in order of the number of mentions they have received. You can re-sort this list according to the source of these mentions - for example if you wanted to see the journal which has published articles which receive a lot of mentions in policy documents, click 'Policy Mentions'.



A large amount of attention doesn't necessarily tell us anything about the quality of research. For example, some research may receive lots of (negative) attention due to controversial claims, or because they have a 'click-bait' style headline. Fortunately, Altmetric Explorer allows you to explore mentions in context so you can check for yourself. Clicking on the title of a journal will bring up a list of papers published in that journal, sorted in order of the number of mentions. Clicking on any of these articles to

explore the actual news stories, tweets and other online mentions received by a paper and read what people are saying about the research.

The image shows two screenshots from the Altmetrics website. The top-left screenshot displays search results for 'Plant Physiology' with a table of metrics. The top-right screenshot shows a list of research outputs sorted by Altmetric Attention Score. The bottom screenshot shows the 'Altmetric Details Page' for a specific article, featuring a large attention score of 210 and a list of related news stories.

Journal	TOTAL MENTIONS	NEWS MENTIONS	SCIENCE MENTIONS
Frontiers in Plant Science	26,615	276	101
Plant Physiology	22,345	381	387
Plant Cell	17,477	1,138	362

Showing 4,034 research outputs from the results of your search query. Of those, 3,581 have been mentioned.

Sort by: Altmetric Attention Score (Highest first)

- Mechanosensitivity below Ground: Touch-Sensitive Smell-Producing Roots in the...
Article in *Plant Physiology* December 2013
- Image-Based High-Throughput Field Phenotyping of Crop Roots
Article in *Plant Physiology* September 2014
- Identification of...
Article in *Plant Ph...*
- Light Modulates Carbon...
Article in *Plant Ph...*

Altmetric Details Page

210

Summary: News, Blog, Twitter, Facebook, YouTube, Citations before, Web of Science

10 for altmetric has over \$1.5k in citation (\$1.5k)

- Both That Smell: Plants Use Emissions for Self-Defense - Technology Org
Technology Org
My the poor plants often feed with larger, animal predators, how they fight or fight response for vegetation has to work...
- Plant Cells Lose Surprising And Smelly Defense Mechanism
ScienceDirect
Scientists discovered that a gene known for releasing a sulfur smell actually differentiates between a menacing human hand...
- Both That Smell: Plants Use Emissions for Self-Defense
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Remember it is important to recognise that no single metric can give the full picture when it comes to assessing research, so altmetrics should always be used in conjunction with other quantitative and qualitative measures.