



Altmetrics for UK institutions: Uncover open access trends and prepare for REF 2021

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Agenda

- How Altmetric works
- Evaluating Prior REF Submissions (continuing case studies)
- Evaluating REF 2021 publications
- Case Study: Sustainable Development Goal Evaluations at VU Amsterdam
- Q&A



Housekeeping

- Please reach out via Chat or Q&A box if you have audio/video issues
- The Webinar is being recorded
- Recording will be sent out after the webinar is over.



Altmetric Explorer

How it works

For research to be tracked, we need...



A research output
with a...



Persistent identifier
that is...



Mentioned in a
source we track



Research outputs



Articles & preprints

Books

Book chapters

Datasets

Clinical trial records

News stories

*...and countless other research formats
if a persistent identifier has been assigned!*



Video data on figshare: 10.6084/m9.figshare.5721088.v1



Identifiers






- DOIs
- PubMed IDs
- ISBNs
- Handles
- arXiv IDs
- ADS IDs
- SSRN IDs
- RePEC IDs
- ClinicalTrials.gov records
- URNs
- URIs
- Filter by ORCID



Data sources



17 types of platforms, thousands of sites indexed

- | | |
|---|--|
|  Policy documents |  Google+ |
|  News |  LinkedIn |
|  Blogs |  Reddit |
|  Twitter |  Faculty1000 |
|  Post-publication peer-reviews |  Q&A (Stack Overflow) |
|  Facebook |  Youtube |
|  Sina Weibo |  Pinterest |
|  Syllabi |  Patents |
|  Wikipedia | |

Mendeley, Connotea, CiteULike are also tracked but do not contribute towards the research's Altmetric Attention Score



Data sources continued



Explore, sort and export citations data gathered from Dimensions and Web of Science provided within the Altmetric Explorer and details page.



Dimensions

WEB OF SCIENCE™



Altmetric 'donut' & attention score



Colors = data source

Score based on:

- Volume
- Sources
- Authors



Follow a list of domains representing thousands of websites

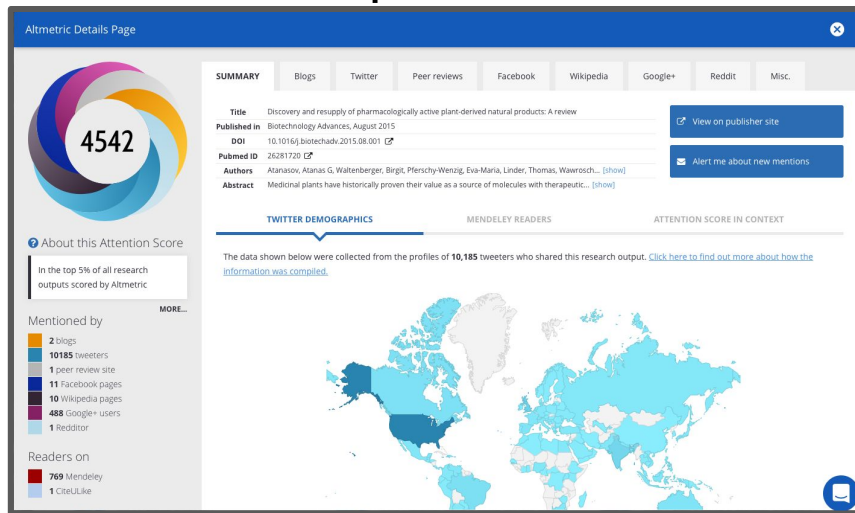
How data capture works

Search for links to those domains in attention sources.

Collate attention.

EXCEPT news, policy docs, and syllabi

Display data in Altmetric Details Pages.



Getting data into Explorer for Institutions

Explorer integrates seamlessly with:



Pure



Symplectic
Elements



OAI-PMH



Integration process

Explorer can...

Replicate data and structure in data source

Feature campus branding

Update automatically via regular feeds



Easy to use CSV update “wizard”

*For institutions without
CRIS or repository systems*

Update anytime

Have more control

Introduction

Upload groups

Verify groups

Upload outputs

Identify columns

Check results

Publish dataset

CANCEL UPLOAD

BACK

NEXT

STEP 1: UPLOAD GROUPS

First, you need to upload a CSV spreadsheet that lists your institution's groups or departments. You can submit your groups as either a flat list, or as a hierarchy. To create a hierarchy, follow the format shown below. If you are uploading a flat list of groups, you only need to populate the first column of the spreadsheet. For more details, examples, and help creating your group spreadsheet, [click here to read our support documentation](#).

EXAMPLE GROUPS SPREADSHEET

1	Top level	Level 1	Level 2	Level 3
2	Faculty of Arts	Department of Dance	Breakdance Group	
3	Faculty of Arts	Department of Music	Obse Studies	
4	Faculty of Arts	Department of Music	Piano Group	Pedagogy

When you have formatted your groups into a CSV spreadsheet that matches this format, click the button below to upload it.

Choose a file to upload...

Continue without groups

Introduction

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Publish dataset

CANCEL UPLOAD

BACK

NEXT

STEP 3: UPLOAD RESEARCH OUTPUTS

Next, you need to upload a CSV spreadsheet that lists all of your institution's research outputs. This spreadsheet should include a list of research output identifiers (such as DOIs or PubMed DOIs), as well as the names of groups/departments, and authors at your institution that are associated with each output. You can use a single row for each output, and separate authors and groups using semicolons. Alternatively, you can list each individual author and their associated departments on separate rows with the same research output identifier, and these rows will be merged together for you. For more details, examples, and help creating your research output spreadsheet, [click here to read our support documentation](#).

EXAMPLE RESEARCH OUTPUT SPREADSHEET

1	DOI	PubMed ID	Department	Author
2	10.1038/nplants.2007.05	884472	Extraterrestrial Studies	Muller, Fox, Scully, Dana
3	10.1038/nplants.2007.05	884472	Extraterrestrial Studies	Picard, Jean-Luc, Janeway, Kathryn
4	10.1038/nplants.2007.05	884472	School of Engineering	Lovelace, Ada

When you have formatted your groups into a CSV spreadsheet that matches this format, click the button below to upload it.

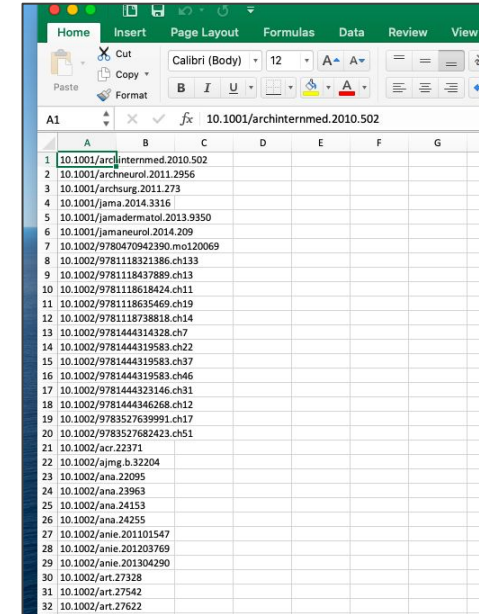
Choose a file to upload...



Evaluating Prior REF Submissions (continuing case studies)

How to gather attention to prior REF submissions

- Gather the identifiers of a past submission
- Load them into Altmetric
- Define the date range of the mentions (2014 - Present)
 - Export data
 - Export or create visualisations
 - Locate notable attention
 - Analyse the mentions for narratives/notable success



	A	B	C	D	E	F	G
1	10.1001/archintermed.2010.502						
2	10.1001/archneuro.2011.2956						
3	10.1001/archsurg.2011.273						
4	10.1001/jama.2014.3316						
5	10.1001/jamadermatol.2013.9350						
6	10.1001/jamaneuro.2014.209						
7	10.1002/9780470942390.mo120069						
8	10.1002/9781118321386.ch133						
9	10.1002/9781118437889.ch13						
10	10.1002/9781118618424.ch11						
11	10.1002/9781118635469.ch19						
12	10.1002/9781118738818.ch14						
13	10.1002/9781444314328.ch7						
14	10.1002/9781444319583.ch22						
15	10.1002/9781444319583.ch37						
16	10.1002/9781444319583.ch46						
17	10.1002/9781444323146.ch31						
18	10.1002/9781444346268.ch12						
19	10.1002/9783527639991.ch17						
20	10.1002/9783527682423.ch51						
21	10.1002/acr.22371						
22	10.1002/ajmg.b.32204						
23	10.1002/ana.22095						
24	10.1002/ana.23963						
25	10.1002/ana.24153						
26	10.1002/ana.24255						
27	10.1002/anie.201101547						
28	10.1002/anie.201203769						
29	10.1002/anie.201304290						
30	10.1002/art.27328						
31	10.1002/art.27542						
32	10.1002/art.27622						



Example - Continuing Case Studies

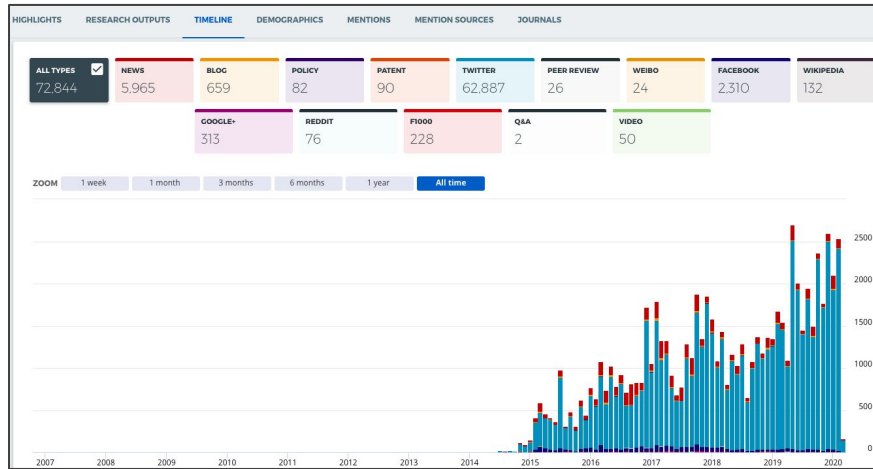
- UoA: Clinical Medicine
- Institution: Ludwig-Maximilian University Munich
- Publications between 2010-2014
- Optional: Toggle Open Access Filter to compare distribution of AO/Closed

[Altmetric Explorer](#)



Evaluating REF 2021 publications

- Exactly the same process
- Additional visualizations and demographics



Case Study: Sustainable Development Goal Evaluations at VU Amsterdam

What are the UN Sustainable Development Goals?

17 Specific areas of required development to improve human and environmental well-being

Goals must be achieved by 2030. So less than a decade.

Funders are increasingly asking for info about how a project will contribute to one or more of the goals





SUSTAINABLE DEVELOPMENT GOALS



How VU Amsterdam is approaching early detection of SDG Research Impact

SUSTAINABLE DEVELOPMENT GOALS

VU Vrije Universiteit Amsterdam Research Intelligence

A Bibliometric Proof of Principle

An interactive data visualisation dashboard,
demonstrating how Societal Relevance and Impact of Research can be visualised

AURORA
UNIVERSITIES NETWORK

"Aurora institutions are committed to
working together to find solutions to
globally relevant problems"

IN PARTNERSHIP WITH:

VU Vrije Universiteit Amsterdam
UNIVERSITÄT DUISBURG ESSEN
UNIVERSITÉ Grenoble Alpes
universität innsbruck
UNIVERSITÄT WÜRZBURG
UNIVERSITY OF ANTWERP
UNIVERSITY OF GOTHENBURG
UNIVERSITY OF ABERDEEN
UNIVERSITY OF EAST ANGLIA
UNIVERSITY OF ICELAND
Palacky University Olomouc

FOR FULL SCREEN

Use the tabs/arrows below to navigate through the interactive diagrams.

Microsoft Power BI

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LinkedIn Twitter Facebook Share Print





Thanks for listening!

Q&A

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@altmetric