



Produce, publish, promote, track and analyze

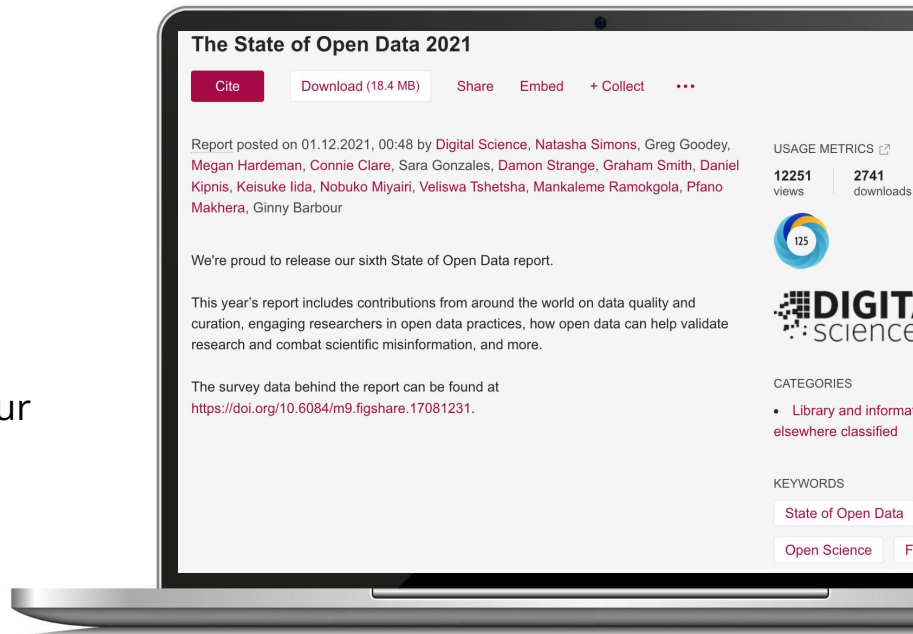
Altmetric & Figshare **for NTROs**

Stephanie Guichard - Regional Sales Manager, Asia Pacific

June 15, 2022

Today we'll cover...

- **Some NTROs in action**
- **Quick overview of Figshare and Altmetric**
- **What's the big deal?**
- **P3TA (produce, publish, promote, track and analyze): for NTROs / all types of research outputs**
 - Store and publish works and mint a DOI for your outputs (using Figshare)
 - How to use DOIs/URLs effectively when promoting your research online (using Altmetric)
- **Further tips and info**



Showcase research and monitor reach

Manage *all* your research in a **citable** and **discoverable** manner and help your institution and researchers gain the **credit** they deserve.





But first...what exactly are

NTROs?

What are considered as NTROs?



Non-Traditional Research Outputs (NTROs)

In ERA some research outputs do not take the form of published books, book chapters, journal articles or conference publications. These are referred to as non-traditional research outputs (NTROs). Examples of NTROs include:

- original creative works
- live performance of creative works
- recorded/rendered creative works
- curated or produced substantial public exhibitions and events
- research reports for an external body
- portfolio

<https://dataportal.arc.gov.au/era/nationalreport/2018/pages/section1/non-traditional-research-outputs-ntros/>

Defining NTROs

What makes research outputs “non-traditional”?

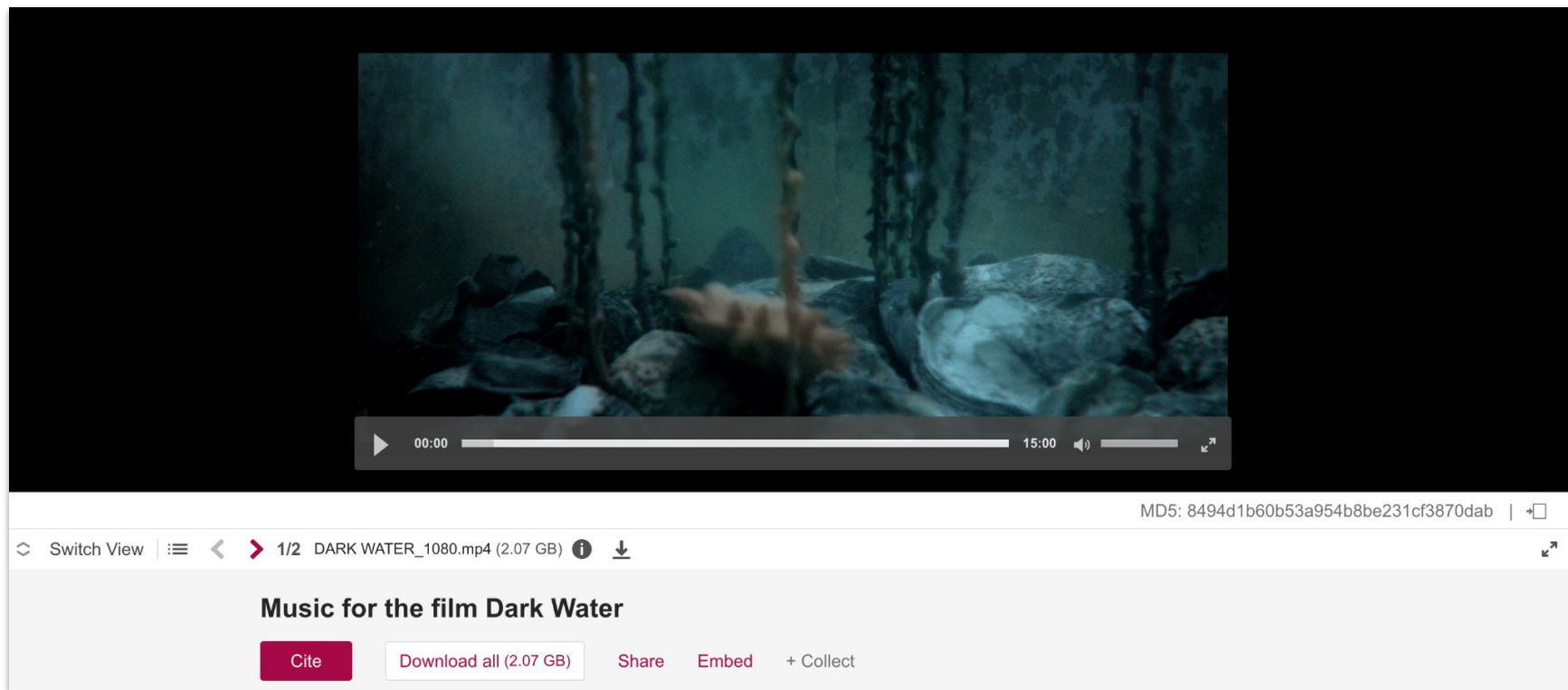
- Usually non-textual based (steering away from the realm of “traditional outputs” like articles or books).
- Creative in nature.
- Leaning in the direction of the humanities and arts disciplines.
- What about “data” and supplementary materials that form a “traditional output”?




Some NTROs in action








Video: <https://doi.org/10.26180/5f850f0458132>


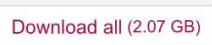





The video player displays a scene from the film 'Dark Water', showing a dark, underwater environment with a large, rusted metal structure and a small, orange, tentacle-like object. The video player interface includes a progress bar from 00:00 to 15:00, a volume icon, and a full-screen icon. Below the video player, the file name 'DARK WATER_1080.mp4 (2.07 GB)' is shown, along with a download icon. The MD5 hash 'MD5: 8494d1b60b53a954b8be231cf3870dab' is also displayed. The title 'Music for the film Dark Water' is shown, followed by buttons for 'Cite', 'Download all (2.07 GB)', 'Share', 'Embed', and '+ Collect'.

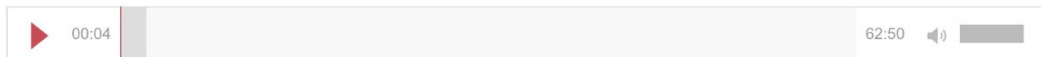
MD5: 8494d1b60b53a954b8be231cf3870dab | 

Switch View    1/2 DARK WATER_1080.mp4 (2.07 GB)  

Music for the film Dark Water

Audio: <https://doi.org/10.25375/uct.14140724.v1>



MD5: c62eb03b729e393b27fb622a277ed612 | 

Full performance audio - Tia maji.wav (1.01 GB)  



Tia Maji – Full Performance Audio

Cite

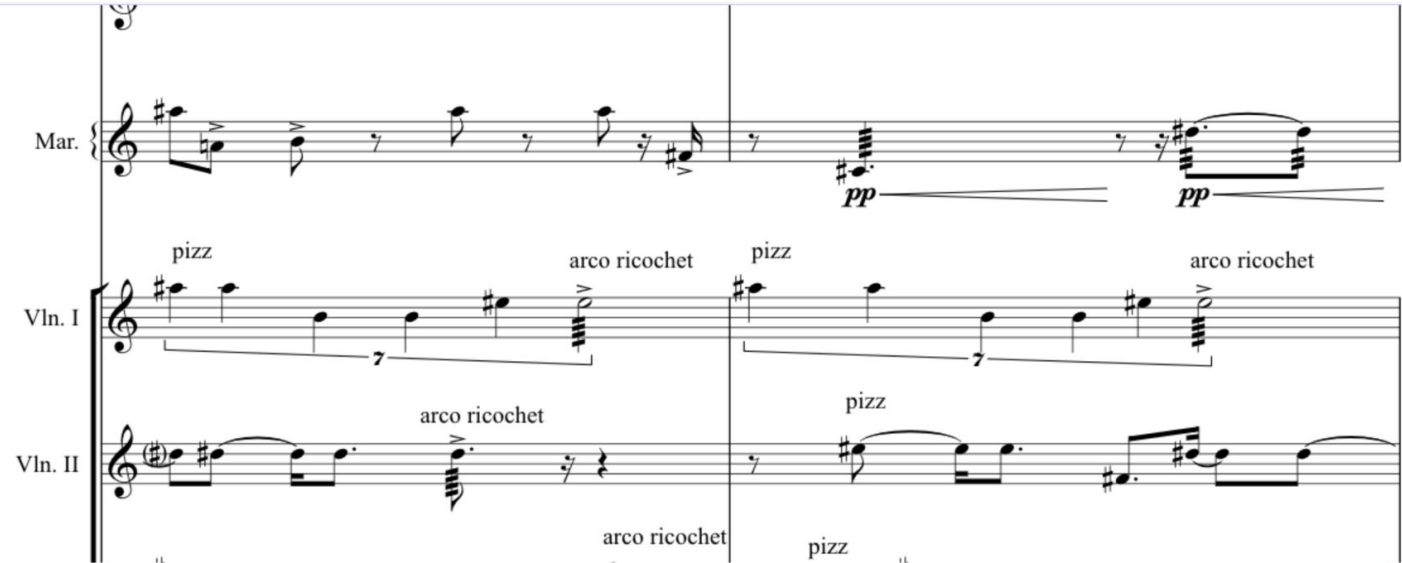
Download (1.01 GB)

Share

Embed

+ Collect

Composition: <https://doi.org/10.17866/rd.salford.10304951.v1>



The image displays a musical score for a piece titled "The Rivet's Tale". The score is presented in a digital viewer interface. It features three staves: Maracas (Mar.), Violin I (Vln. I), and Violin II (Vln. II). The Maracas part is in treble clef with a key signature of one sharp (F#). The Violin parts are also in treble clef. The score is divided into two measures. The first measure shows the Maracas playing a rhythmic pattern, while the Violins play a melodic line. The second measure shows the Maracas playing a sustained chord marked *pp* (pianissimo), and the Violins playing a melodic line. The Violin I part includes annotations for "pizz" (pizzicato) and "arco ricochet". The Violin II part includes annotations for "arco ricochet" and "pizz". The digital viewer interface includes a download button for the PDF file, a page indicator showing 9/60, and a toolbar with various icons for navigation and viewing. Below the score, the title "The Rivet's Tale (score)" is displayed, followed by buttons for "Cite", "Download (870.29 kB)", "Share", "Embed", and "+ Collect".

Mar.

Vln. I

Vln. II

pizz

arco ricochet

arco ricochet

arco ricochet

pizz

pizz

pp

pp

The Rivet's Tale .pdf (870.29 kB)

9/60

The Rivet's Tale (score)

Cite

Download (870.29 kB)

Share

Embed

+ Collect

Exhibition: <https://hdl.handle.net/2134/12249701.v1>



*Advice Bar (Expanded
for the Times)*, 2017
Steel, concrete, newspapers;

*Part Edit, Track A (Repurposed
for Waverley)*; 1994
Speaker, soundtrack of spoken

VO2 Max, 2011
Pen, spray paint on paper;
45 x 65.5 x 3.5cm

JD_INSERT_FTP.pdf (2.33 MB) ⓘ ⬇

4/4 ⬆ ⬇ 🔍 🔍 ⬆ ⬇

Right here among them [Exhibition leaflet]

Cite

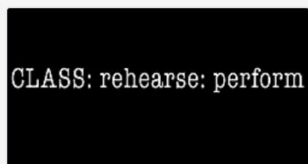
Download (2.33 MB)

Share

Embed

+ Collect

Images: <https://doi.org/10.25416/edgehill.11902632.v3>



1 0 12 CLASS.jpg (258.01 kB)

[view](#) [download](#)



1 12-D-N-2.jpg (808.25 kB)



1 12-D-N-4.jpg (688.62 kB)



1 12-D-N-5.jpg (691.26 kB)



1 12-D-N-6.jpg (637.62 kB)



1 12-D-N-8.jpg (603.45 kB)



1 12-D-N-9.jpg (422.75 kB)



1 12-D-N-11.jpg (481.18 kB)



1 12-D-N-13.jpg (656.79 kB)



1 12-D-N-16.jpg (491.82 kB)

1/5

[Switch View](#) | 41 files

PHOTOGRAPHY 12 Degrees North: CLASS

[Cite](#)

[Download all \(54.66 MB\)](#)

[Share](#)

[Embed](#)

[+ Collect](#)

Media files: <https://doi.org/10.6084/m9.figshare.1453169.v7>



UP1.mov (10.86 MB)



TR_S.mov (13.88 MB)



UP3.mov (8.66 MB)



TL_S.mov (13.61 MB)



UP2.mov (11.27 MB)

<
1/15



PV_R_F.mov (2.22 MB)



PV_R_S.mov (3 MB)



PB_F.mov (10.45 MB)



RV_R_F.mov (2.84 MB)



RV_R_S.mov (3.54 MB)

>

Switch View | 146 files

↗

A visual dataset of dance steps for behavioral experimentation

Cite

Download all (1.04 GB)


Share


Embed


+ Collect


Special collections: <https://doi.org/10.25411/aru.9772133.v5>

Hide files

 Bishop Sans in Print.jpg
2.44 MB

 Bishop Sans Specimen.pdf
435.74 kB

 1758 Bishop Mark Letter Front.jpeg
899.1 kB



MD5: 50903961bfae640b40ceb7e9834475bb

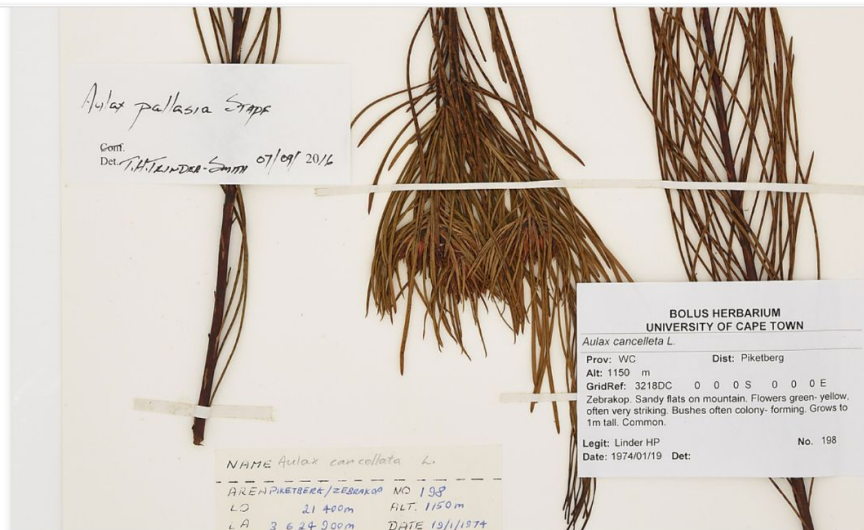
Switch View

3/3 1758 Bishop Mark Letter Front.jpeg (899.1 kB)

3a. Bishop Sans - Type Specimen

Cite Download all (3.75 MB) Share Embed + Collect

Physical objects: <https://doi.org/10.25375/uct.16537272.v1>



MD5: 290f87d64ebadd844c26ea0dead40274 |

168672.jpg (2.82 MB)

Aulax pallasia (168672)


Cite

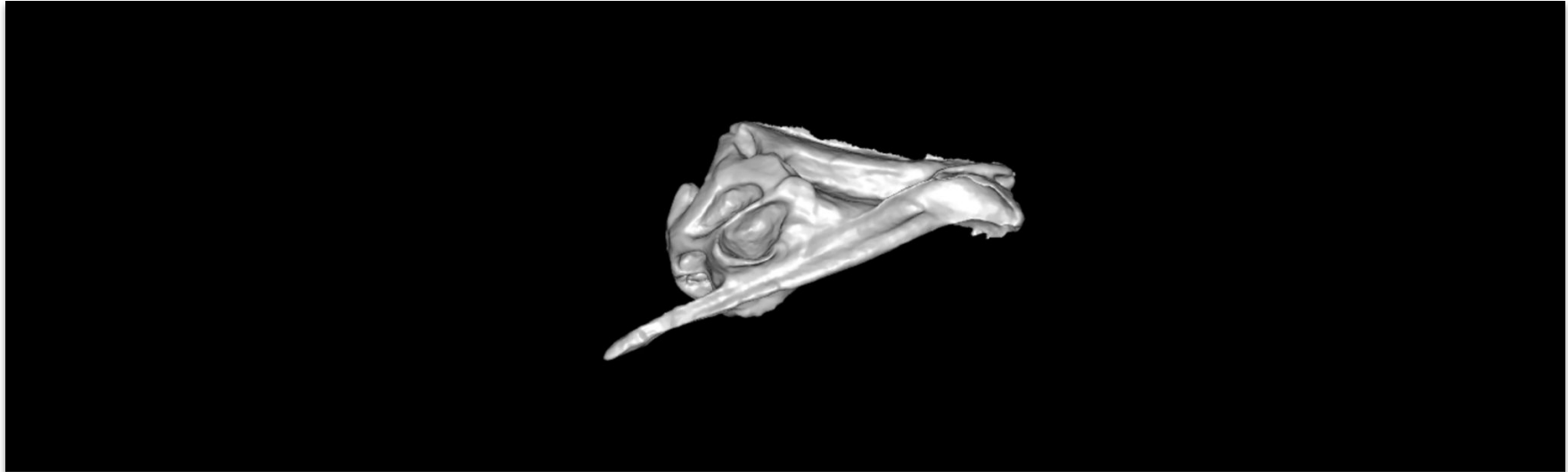
Download (2.82 MB)

Share



Embed

+ Collect

Interactive 3D media: <https://doi.org/10.6084/m9.figshare.697549.v1>  **DIGITAL**
science



MD5: 72b0885940489d529332224acc82d212 | 

Saurolophus test.obj (8.81 MB)  



Saurolophus Dinosaur, Color Surface Mesh of Skull

Cite

Download (0 kB)

Share

Embed

+ Collect

Software: <https://doi.org/10.25405/data.ncl.17071913.v1>

app-files

css

img

js

themes

.DS_Store

README.md

categories_array.json

index.html

local_put_handler.php

poets_array.json

server-files

tinymce

.DS_Store


README.md




categories_array.json

categories_handler.php

edit-category.php

edit-post.php

MD5: dcb681e7d5afe73a32a2d66cbb8134da | 

bloodaxe-poetry-app.zip (2.72 MB)   

Bloodaxe Poetry mobile app (source code)

Cite

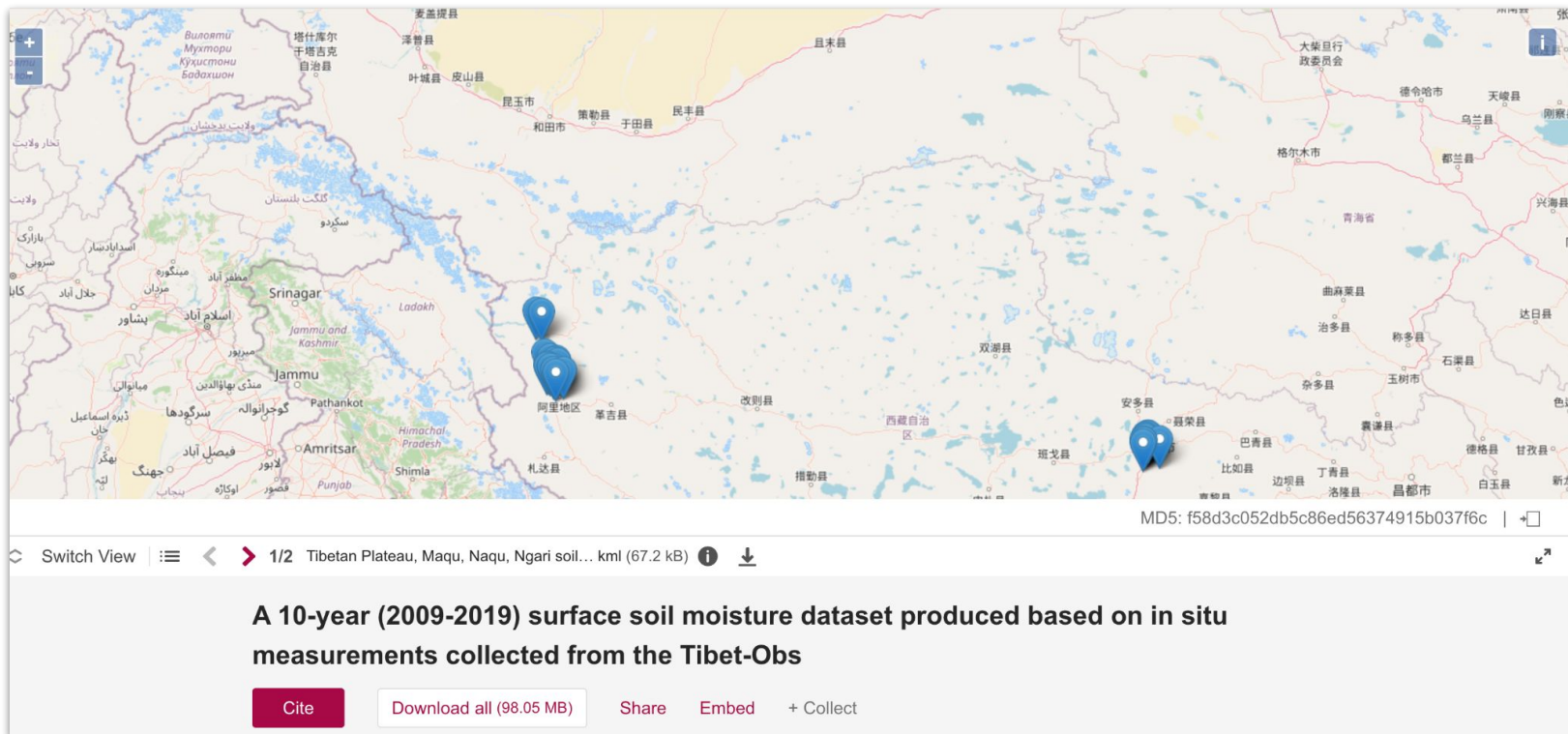
Download (2.72 MB)

Share

Embed

+ Collect

Map data: <https://doi.org/10.4121/12763700.v8>



Presentation: <https://doi.org/10.26181/5f4f4214d2e4b>

latrobe.edu.au

hash)
igshare
stgrad students in the Literary
Studies Program
twice annually
oretical humanities, literary and
dies, critical theory, continental
, film and television studies,
ation and media studies,
ce studies, translations, creative
book reviews
r: double-blind (except book

LATROBE UNIVERSITY All kinds of clever TS

latrobe.edu.au

opal.latrobe.com.au

Open publications **Open theses**

Open data **Open education res.** **Open GLAM**

Figure	Thesis
Media	Software
Dataset	Online Resource
Poster	Preprint
Journal Contribution	Book
Presentation	Conference Contribution

Slide 21 | Version 2

LATROBE UNIVERSITY All kinds of clever TS

opal

Open pl

Open data **Op**

Tel. Peta. Beddie, Melanie (2018). Performer Training in Australia: Influence
Trobie. Journal contribution. <https://doi.org/10.26181/5f4f4214d2e4b>
<https://doi.org/10.26181/5f4f4214d2e4b>

Performer Training in Australia: Influence Meldrum

Journal Contribution posted on 26/11/2018, 15:55 by: Peta Tel. Melanie Beddie

This summary is part of research on performance training in Australia
Professor Peta Tel and Dr Melanie Beddie in 2017 funded by La Trobe
researched the influences on, and the training of, prominent teach-
training institutions since 1980 to 2010. The research evolved into
undertaken from May 2017 and continues.

Slide 21 | Version 2


21 / 29

MD5: 64493be875c34f2fd0dd2010bc20e730

Open Educational Resources and Schol... ptx (9.9 MB)

Publishing Open Educational Resources and Scholarly Outputs in Creative Arts & English

Cite **Download (9.9 MB)** **Share** **Embed** + Collect



**Every item published on Figshare receives
a unique DOI that is tracked by Altmetric**

Isn't all research equal?

STEM

- Seen as “traditional” research and a “standard” in the scholarly publishing world.
- Primarily journal articles with assigned identifiers.
- Easier to promote and track.

HASS

- Seen as forming more “non-traditional” research.
- Range of formats with no universal identifier standards.
- Harder to promote or cite due to how research is showcased or accessed.

Support for everyone

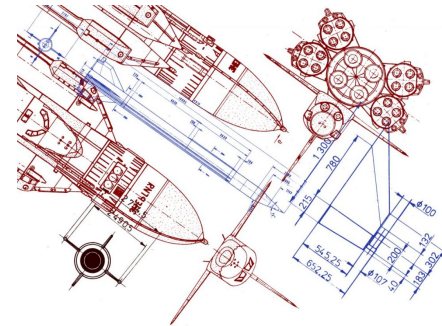
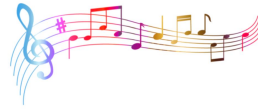
- Early-Career Researchers
- Mid-Career Researchers
- Established/Senior Researchers
- STEM academics
- HASS academics
- Industry-connected academics
- Creative works academics



Credit image: <https://ime.springerhealthcare.com/art-vs-science-in-a-global-pandemic/>

Research outputs = anything scholarly

- Articles & pre-prints
- Books, book chapters & monographs
- Datasets & figures
- Theses & dissertations
- Media files (audio & visual)
- Software & code
- Performances & events
- Compositions
- Digital collections
- Transcriptions
- Clinical trial records
- Presentations & posters
- Educational materials
- Reports & grey lit
- Online resources
- Physical objects
- Data management plans





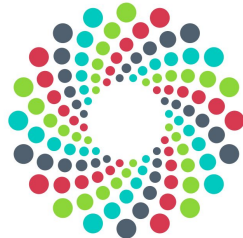
**Supporting all types of published research,
no matter the discipline or format**

—

Quick overview of Figshare & Altmetric

The background of the slide is a vibrant, futuristic cityscape at night. The city is composed of numerous tall, glowing blue and green buildings, some with unique architectural features like spires and curved facades. The streets are illuminated with bright, colorful lights, creating a sense of movement and energy. The sky is dark, filled with floating particles and a grid pattern in the top right corner, adding to the high-tech, digital feel of the image.

What is Figshare?



Figshare Overview

Figshare is a repository platform for storing, managing, and publishing all types of research outputs.

Published outputs are discoverable and citable, allowing you to:

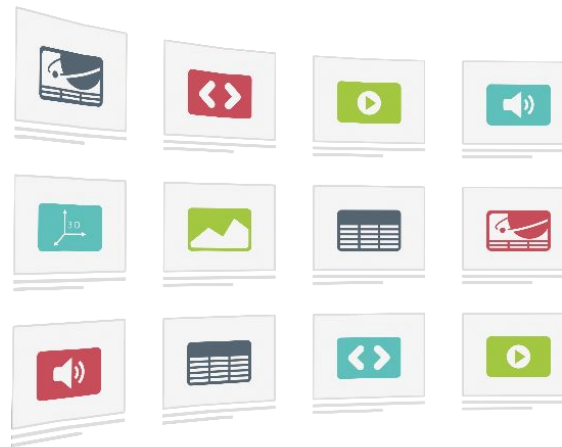
- Create a record of research with a valid and persistent identifier.
- Describe research outputs in a contextual, shareable, and citable manner.
- Ensure research outputs are FAIR and indexable by other platforms and systems.
- Visualize research outputs in-browser.
- Support Creative Commons, Open Access compliance, and adhere to policies/mandates.
- Gain metrics such as views and downloads, and any resulting Altmetric attention and citations to all types of published research outputs.

Figshare for all types of research

Create a home for research outputs across all disciplines and different formats and content types.

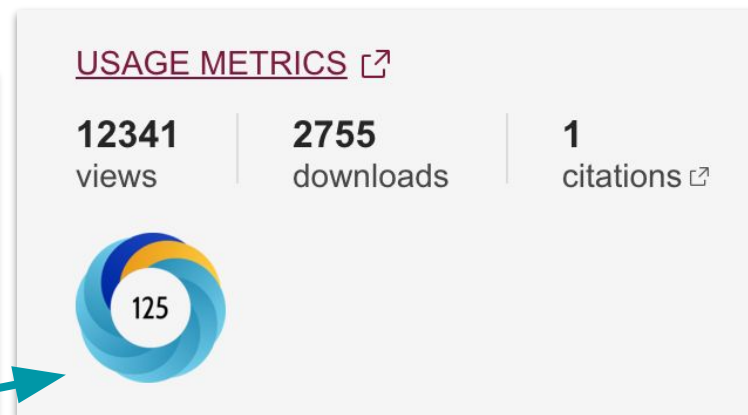
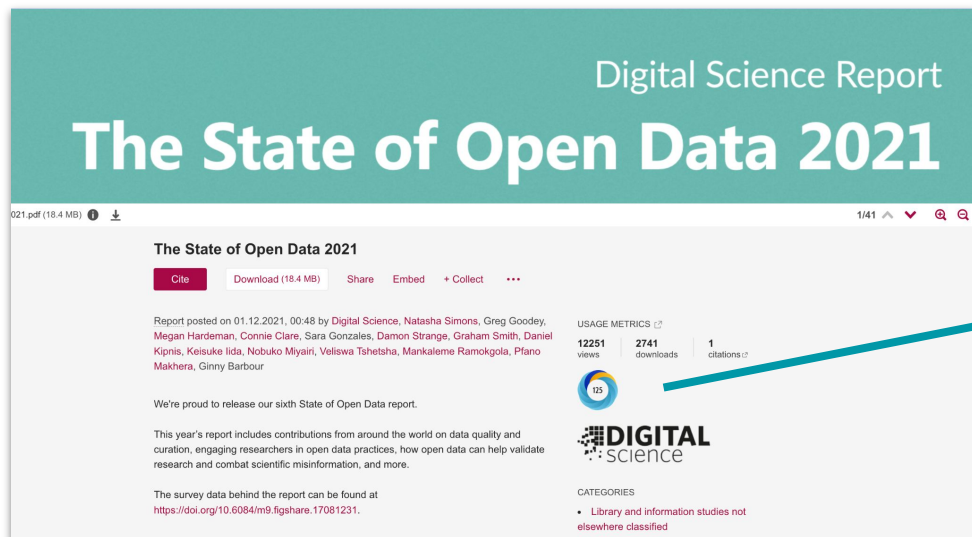
Showcase traditional and non-traditional research in one place:

- Over 1,200 file types are supported for in-browser viewing.
- Items are assigned a citable DOI at the point of publication, (or can be reserved in advance).
- Items are private by default, with access restrictions applied where needed prior to publication.
- Each public item receives marked up pages in order for Altmetric to track for mentions.



Figshare items receive metrics

Figshare tracks usage metrics, Altmetric attention as well as any resulting citations.



Report:

<https://doi.org/10.6084/m9.figshare.17061347.v1>

What is Altmetric?



Altmetric tracks and collates attention to research published online.

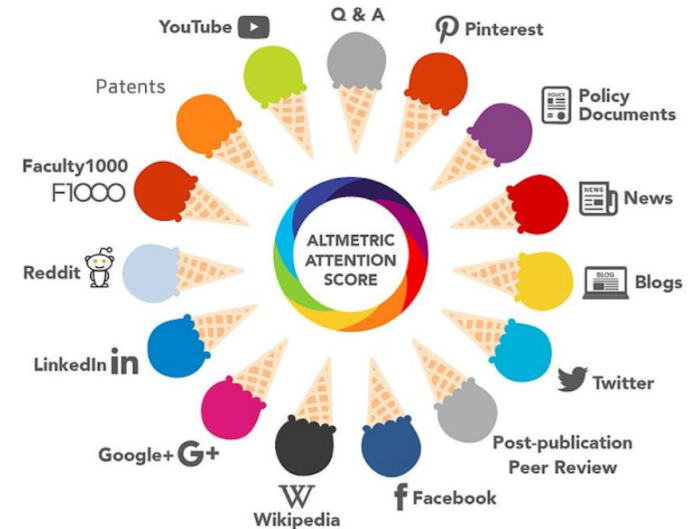
Tracking alternative metrics (altmetrics) lets you:

- Discover *who* is engaging with research, *what* is being said about the research, *where* is research being discussed, and *when* research is being discussed.
- Learn which digital platforms audiences share, comment on, and engage with research, such as: social media, news media, blogs, Wikipedia, policy documents, patents, and more on a global scale.
- Surface each tracked mention by attention source to each individual research output.
- Determine how online mentions are complementary to traditional bibliometrics (i.e. citations), which often take time to accrue.

Altmetric attention sources

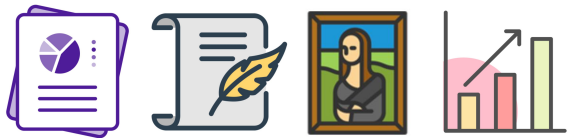
Altmetric tracks and collates attention to individual research outputs published online.

- Global reach.
- Sources in various languages.
- Complementary to usage metrics and traditional bibliometrics.
- Attention score is an indicator based on overall attention.



How to track for attention

For research outputs to be tracked by Altmetric,
we need...



A research output
with a...



persistent identifier
(e.g. DOI, Handle)...



mentioned in a source
that Altmetric tracks.

Capturing Altmetric attention

Follow a list of domains

Where research outputs live such as publisher sites and Figshare + repositories, etc.

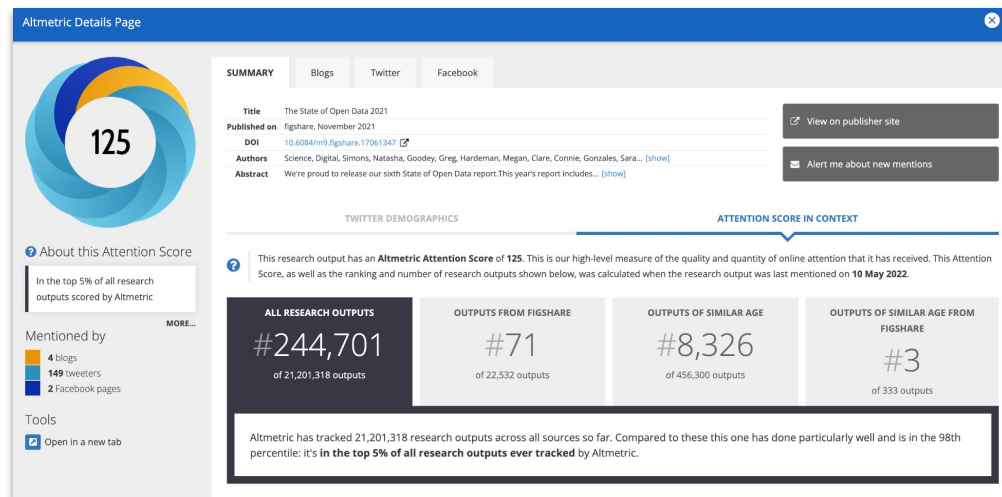
Search for links to those domains in attention sources

Identifiers mentioned in blogs, news, policy documents, social media, etc.

Collate attention

Disambiguation across different versions and IDs.

Display mentions in Altmetric Details Pages



View the full trail of all the mentions from a variety of attention sources.

Report:

<https://doi.org/10.6084/m9.figshare.17061347.v1>

Details page:

<https://www.altmetric.com/details/117861518>

Altmetric badges on Figshare pages

Altmetric tracks an output's identifier on Figshare item pages and collates mentions, which can be viewed individually.

The State of Open Data 2021

Report posted on 01.12.2021, 00:48 by Digital Science, Natasha Simons, Greg Goodey, Megan Hardeman, Connie Clare, Sara Gonzales, Damon Strange, Graham Smith, Daniel Kipnis, Keisuke Iida, Nobuko Miyairi, Veliswa Tshelsha, Mankaleme Ramokgola, Plano Makhhera, Ginny Barbour

We're proud to release our sixth State of Open Data report.

This year's report includes contributions from around the world on data quality and curation, engaging researchers in open data practices, how open data can help validate research and combat scientific misinformation, and more.

The survey data behind the report can be found at <https://doi.org/10.6084/m9.figshare.17081231>.

Altmetric badge: 125 mentions

Altmetric Explorer: The State of Open Data 2021

Overview of attention for research output published on Figshare, November 2021

SUMMARY | Blogs | Twitter | Facebook

So far, Altmetric has seen 193 tweets from 149 users, with an upper bound of 558,813 followers.

Showing items 1-100

1 2

Ana Van Gulick @anavangulick
@rebecca_saxe @JohnBorghi The state of open data survey <https://t.co/5G8bkKneE> has also been asking this question for a number of years and provides that survey data openly <https://t.co/p8EnICbwT>
10 May 2022

Dominique Roche @dom_roche
RT @figshare: The 2021 State of Open Data report is now available! This year's report includes contributions on #DataQuality and curation,...
03 May 2022

Research Data Management (#FAIR) #StandWithUkraine @fdnhdshem
Still relevant in 2022.
11 Apr 2022

Research Data Management (#FAIR) #StandWithUkraine @fdnhdshem
RT @BiliAyes_UoM: The State of Open Data 2021 <https://t.co/U24dHc7sin>
11 Apr 2022

Laboratorio de Bioinformación @infovestigacion
RT @figshare: The 2021 State of Open Data report is now available! This year's report includes contributions on #DataQuality and curation,...
31 Mar 2022

Christina Emery @ChristinaEmery
@nicci_potts Don't know if you've seen it but The State of Open Data 2021 white paper sounds like it'll be useful to you: <https://t.co/PKTNOHuFY>
18 Mar 2022

Report:

<https://doi.org/10.6084/m9.figshare.17061347.v1>

Details page:

<https://www.altmetric.com/details/117861518>

So, what's the big deal?



Benefits of showcasing your outputs

Publishing on Figshare supports

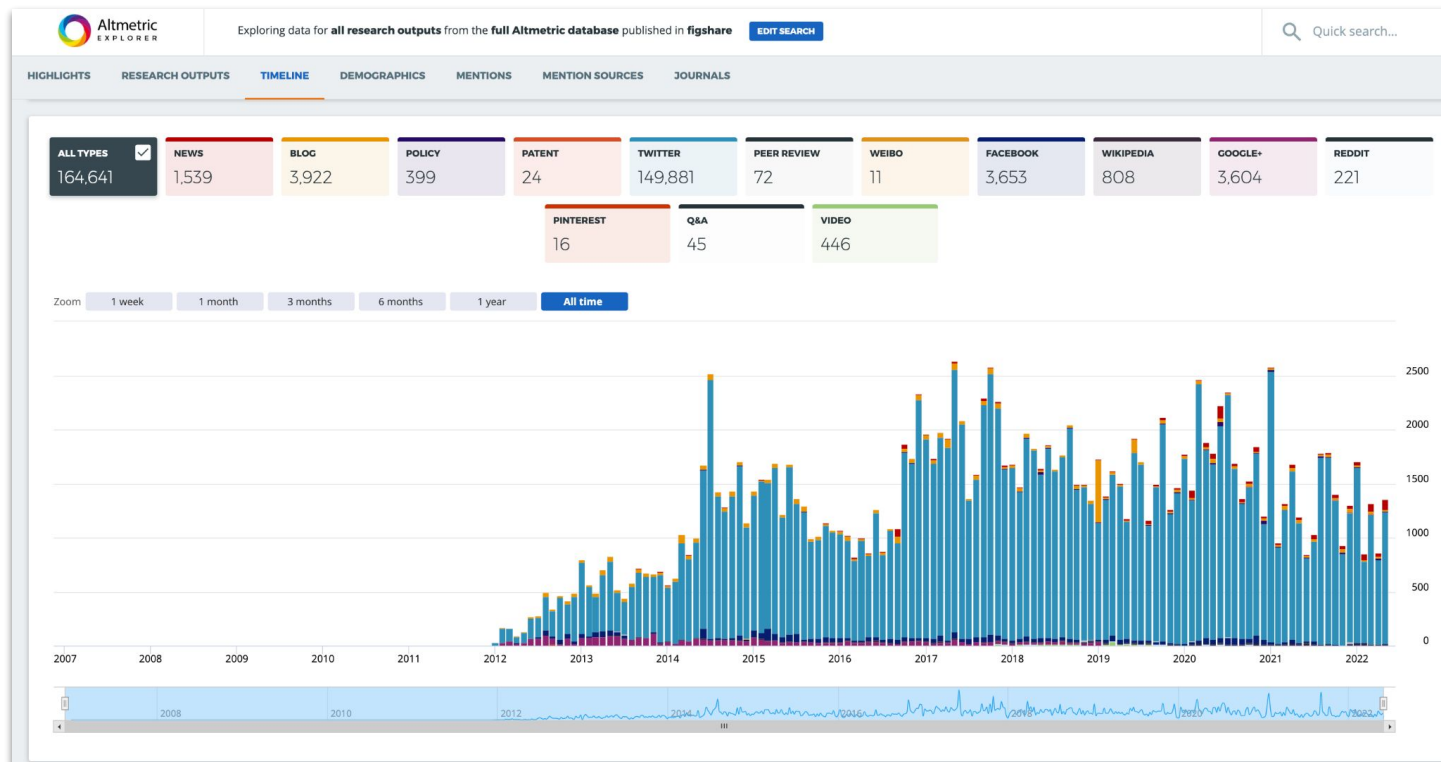
Open Access and:

- Gives your research an established home.
- Allows greater awareness, discoverability and citability, plus reuse.
- Lets you find collaborators in your research expertise.
- Links to other published works.



Figshare items gain Altmetric attention

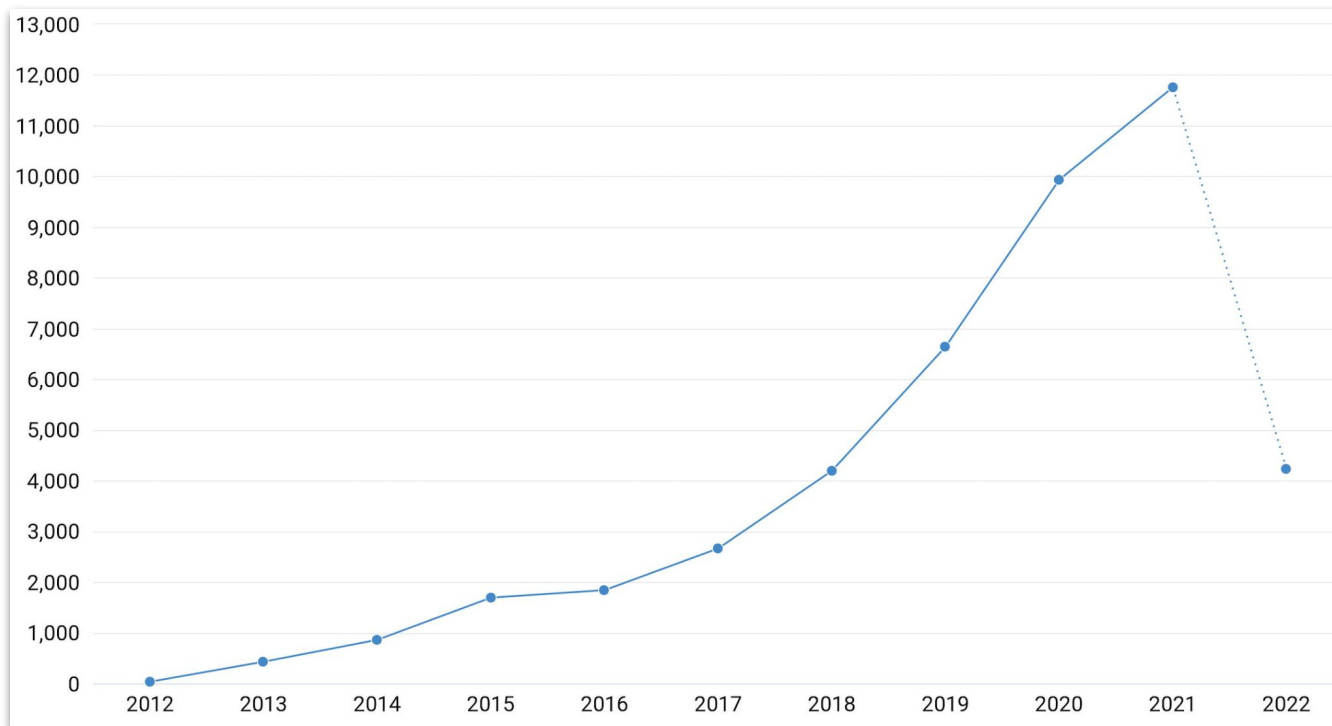
Figshare items are attracting attention across all Altmetric attention sources over time.



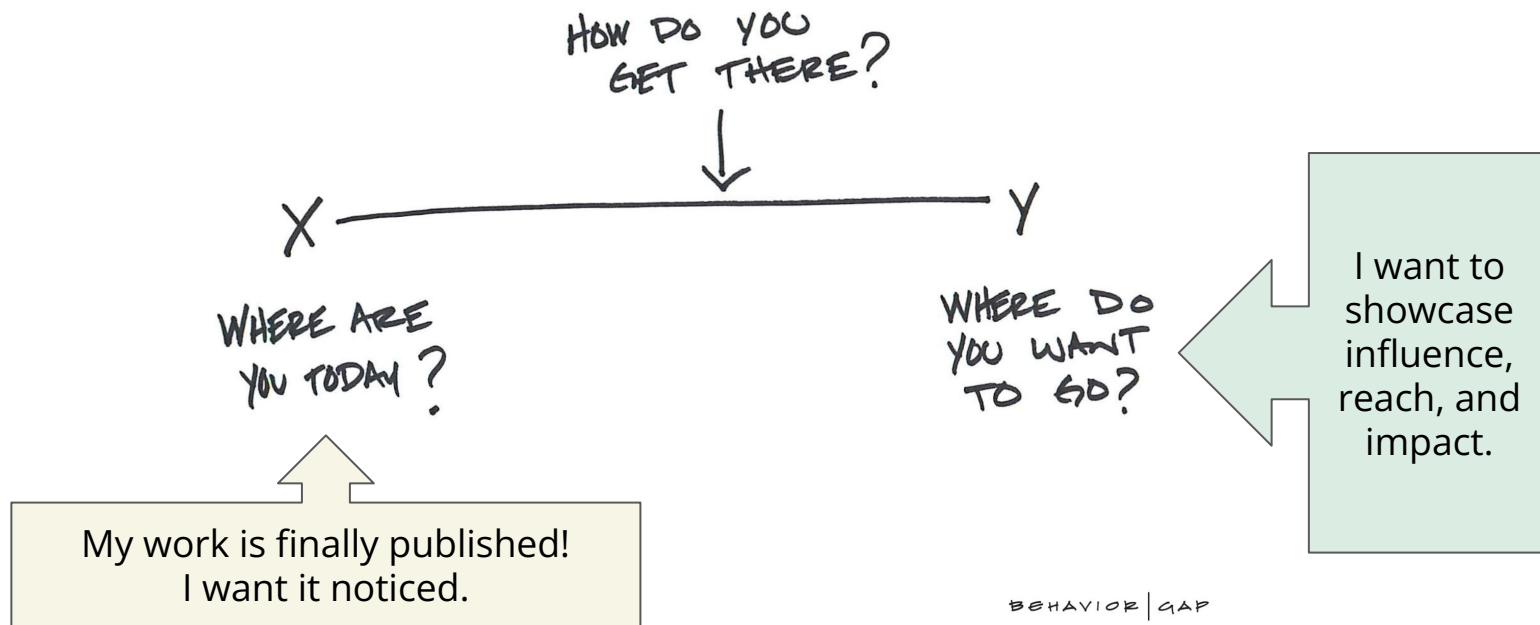
Citations of Figshare items are growing

More traditional outputs are citing and referring to published Figshare* items.

*Figshare.com items only are represented in this graph.



How do you get attention?



Start talking about your research!



10 clever tips for promoting your research online

Promoting your research online is vital if you need to provide evidence of the online engagement for your work, particularly when applying for promotion or tenure and funding. We've put some tips together as well as the tools you'll need to spread the word about your work and efficiently manage your online reputation.

Time for P3TA

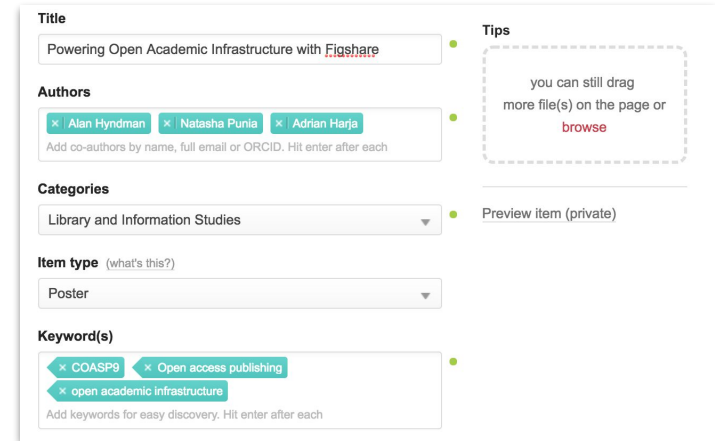
P3TA - 5 simple steps

1. **Produce:** make, create, conduct, execute the research.
2. **Publish:** make the research visible and available on a suitable platform AND get an identifier.
3. **Promote:** talk about and share the research in Altmetric attention sources as soon as it is published.
4. **Track:** sign up for alerts and capture new mentions of the research.
5. **Analyze:** look at the attention the research has received and incorporate meaningful mentions into a variety of activities.

P3TA

Publishing strategies using Figshare

- Gather and upload your content to Figshare.
- Fill in metadata about your work, and offer detailed descriptions and relevant keywords.
- When ready, publish your work with an assigned DOI.
- Start promoting your work using that DOI!



Title
Powering Open Academic Infrastructure with Figshare

Authors
Alan Hyndman, Natasha Punia, Adrian Harja
Add co-authors by name, full email or ORCID. Hit enter after each

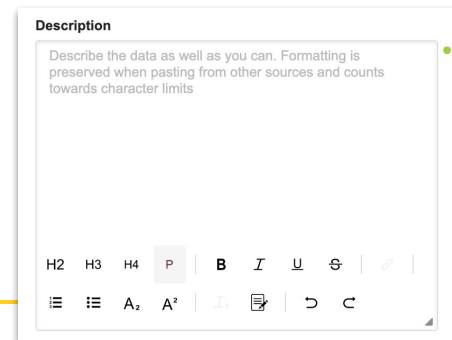
Categories
Library and Information Studies

Item type (what's this?)
Poster

Keyword(s)
COASP9, Open access publishing, open academic infrastructure
Add keywords for easy discovery. Hit enter after each

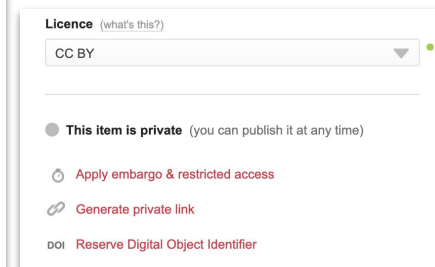
Tips
you can still drag more file(s) on the page or [browse](#)

[Preview item \(private\)](#)



Description
Describe the data as well as you can. Formatting is preserved when pasting from other sources and counts towards character limits

H2 H3 H4 P B I U S | |
| | A₂ A² | | | |



Licence (what's this?)
CC BY

☒ This item is private (you can publish it at any time)

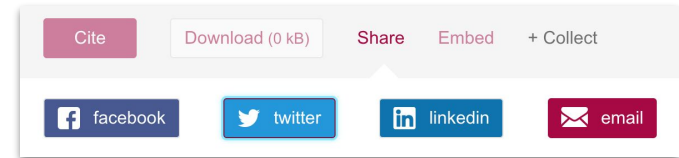
☐ Apply embargo & restricted access

[Generate private link](#)

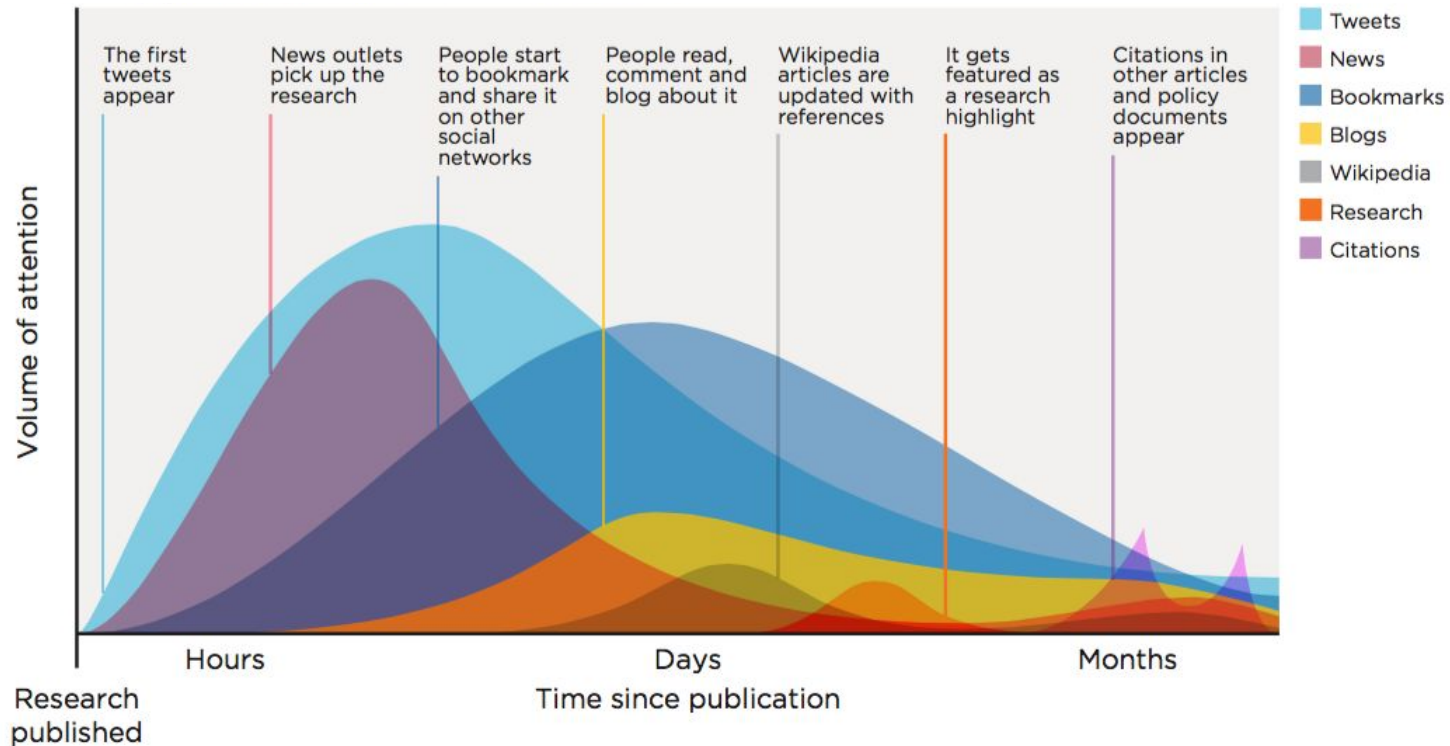
DOI [Reserve Digital Object Identifier](#)

Get your research noticed by sharing

- Write up a summary for distribution once your research is out there.
- Utilize institutional marketing and communications departments.
- Join distribution lists and communication channels where your targeted audiences will interact with your research.
- Get used to the sharing mechanisms.
- Self-promote via social media.
- Ensure motivation to share is about the output.



Typical Timeline of Attention



Focus on Step 3: Promote

Talk about and share the research, i.e. post, embed, cite the research in Altmetric attention sources.

Top tips:

- Embed or link to the DOI/URL in posts and messages so that others can refer to the research directly.
- Post links directly to the research on using Twitter and Facebook.
- Cite and link the work when describing or summarizing in blogs, newsletters, and other online forums where research is talked about.
- Conduct interviews with research communities and journalists. Ensure they also embed the research output's DOI/URL in their stories and write-ups!
- Tie the work in with relevant events and utilize hashtags to promote further.



**ALWAYS ensure the output's DOI (or URL) is
embedded in posts and mentions!**

Spreadsheet: <https://doi.org/10.6084/m9.figshare.1186832.v23>

Journal subscription costs - FOIs to UK universities

Cite

Download (0 kB)

Share

Embed

+ Collect

Version 23 Dataset posted on 29.07.2015, 23:05 by [Stuart Lawson](#), [Ben Meghreblian](#), [Michelle Brook](#)

This dataset contains the amount of money paid by UK higher education institutions to ten major publishers (Elsevier, Wiley, Springer, Taylor & Francis, Sage, Oxford University Press, Cambridge University Press, Nature Publishing Group, Royal Society of Chemistry, and Institute of Physics Publishing) for academic journals from 2010-14. The data was obtained by sending FOI requests to each institution through the website whatdotheyknow.com. It now represents over £430m of expenditure.

These are ten of the largest academic publishers but do not represent the total spend of these institutions on academic journals.

Please see the F1000 data note (<http://f1000research.com/articles/3-274/v3>) for a full description of the data collection process. For a visualisation of the data go to http://shiny.retr0.me/journal_costs/, and for updated 2015/16 figures go to https://figshare.com/articles/Journal_subscription_expenditure_in_the_UK_2015-16/4542433/3

UPDATE 08/10/2014: Added figures for 13 more institutions.

USAGE METRICS

28272

views

3245

downloads

8

citations



CATEGORIES

- Library and Information Studies

KEYWORDS

academic publishing

subscription costs

freedom of information

LICENCE



CC0

Chichester	253687.69	2450.64	9183.68	16110.93	88
by London	2527939.1	164975.54	160607.85	176402.72	192
stitute of Art	10307.269999999999	0	0	0	
niversity	1794941.5800000005	221247.98	232921.42	228359.66	230
niversity	2677876.22	323067.43	304224.71	318320.6	314
Cumbria	448401.01	46258.83	47753.23	47840.28	492
University	1760019.3100000003	144176.7	172314.54	176561.52	174
f Derby	987335.2000000001	100554.38	98566.45	106593.74	945
Dundee	4727771.5100000001	368639.46	386958.49	445551.48	445
niversity	6648315.01	460360.23	454920.26	443160.84	447
East Anglia	5242999.3	386468.94	379150.12	288618	39
East London	1577189.7900000003	157283.53	163392.75	132	

by Springer, OUP requests T&F, Sage, CUP requests Elsevier requests NPG, RSC, IOP requests

Journal_subscription_costs_UK.xlsx (133.49 kB) 1



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

Mentioned by

- 1 news outlet
- 8 blogs
- 1 policy source
- 634 tweeters
- 2 Facebook pages
- 10 Google+ users
- 1 Q&A thread

Readers on

- 1 Mendeley

So far, Altmetric has seen 2 policy documents that reference this research output.

Spreadsheet: <https://doi.org/10.6084/m9.figshare.1186832.v23>

Journal subscription costs - FOIs to UK universities

Cite

Download (0 kB)

Share

Embed

+ Collect

Version 23 ▾ Dataset posted on 29.07.2015, 23:05 by **Stuart Lawson, Ben Meghreblian, Michelle Brook**

This dataset contains the amount of money paid by UK higher education institutions to ten major publishers (Elsevier, Wiley, Springer, Taylor & Francis, Sage, Oxford University Press, Cambridge University Press, Nature Publishing Group, Royal Society of Chemistry, and Institute of Physics Publishing) for academic journals from 2010-14. The data was obtained by sending FOI requests to each institution through the website whatdotheyknow.com. It now represents over £430m of expenditure.

These are ten of the largest academic publishers but do not represent the total spend of these institutions on academic journals.

Please see the F1000 data note (<http://f1000research.com/articles/3-274/v3>) for a full description of the data collection process. For a visualisation of the data go to http://shiny.retr0.me/journal_costs/, and for updated 2015/16 figures go to https://figshare.com/articles/Journal_subscription_expenditure_in_the_UK_2015-16/4542433/3

UPDATE 08/10/2014: Added figures for 13 more institutions.

USAGE METRICS

28272

views

3245

downloads

8

citations



CATEGORIES

- Library and Information Studies

KEYWORDS

academic publishing

subscription costs

freedom of information

LICENCE



CC0

So far, Altmetric has seen **2** policy documents that reference this research output.



Open access to research: independent advice - 2018

Cited by UK Government (GOV.UK) on **16 Jan 2019**

GOV.UK is a central website that covers all UK government departments, as well as many other agencies and public bodies. All policy papers and research publications by the UK government are listed on GOV.UK.



⁵⁸ **UUK in house analysis based on: Lawson, Stuart; Meghreblian, Ben; Brook, Michelle (2015): Journal subscription costs - FOIs to UK universities. figshare. Available: <https://doi.org/10.6084/m9.figshare.1186832.v23> and Lawson, Stuart (2017): Journal subscription expenditure in the UK 2015-16. figshare. Available: <https://doi.org/10.6084/m9.figshare.4542433.v6>.**

This spreadsheet's DOI is mentioned in this policy document.

Report: <https://doi.org/10.6084/m9.figshare.17061347.v1>

Digital Science Report

The State of Open Data 2021

So far, Altmetric has seen **4** posts from **4** blogs.

021.pdf (18.4 MB)  

The State of Open Data 2021

Cite

Download (18.4 MB)

Share

Embed

Report posted on 01.12.2021, 00:48 by Digital Science, Natasha S Megan Hardeman, Connie Clare, Sara Gonzales, Damon Strange, Kipnis, Keisuke Iida, Nobuko Miyairi, Veliswa Tshetsha, Mankalem Makhera, Ginny Barbour

We're proud to release our sixth State of Open Data report.

This year's report includes contributions from around the world on data quality and curation, engaging researchers in open data practices, how open data can help validate research and combat scientific misinformation, and more.

The survey data behind the report can be found at <https://doi.org/10.6084/m9.figshare.17081231>.

SUMMARY

Blogs

Twitter

Facebook



So far, Altmetric has seen **4** posts from **4** blogs.

Springer Nature and Figshare Announce a Pilot Project to Improve Data Sharing

LJ INFODocket, 12 Apr 2022

From a Joint Announcement: Springer Nature and Figshare have launched a free pilot to better support authors in making their...

Guest Post: A Decade of Open Data in Research — Real Change or Slow Moving Compliance?

The Scholarly Kitchen, 30 Mar 2022

Mark Hahnel looks at the progress that's been made toward open research data -- what's been achieved, what still needs work...

CATEGORIES

- Library and information studies not elsewhere classified

Report: <https://doi.org/10.6084/m9.figshare.17061347.v1>

Digital Science Report

The State of Open Data 2021

021.pdf (18.4 MB) Download

The State of Open Data 2021

Cite Download (18.4 MB) Share Embed Collect

Report posted on 01.12.2021, 00:48 by Digital Science, Natasha Simons, Greg Goodey, Megan Hardeman, Connie Clare, Sara Gonzales, Damon Strange, Graham Smith, Daniele Kipnis, Keisuke Iida, Nobuko Miyairi, Veliswa Tshetsha, Mankaleme Ramokgola, Pflano Makhera, Ginny Barbour

We're proud to release our sixth State of Open Data report.

This year's report includes contributions from around the world on data quality and curation, engaging researchers in open data practices, how open data can help validate research and combat scientific misinformation, and more.

The survey data behind the report can be found at <https://doi.org/10.6084/m9.figshare.17081231>.

The State of Open Data 2021

Cite Download (18.4 MB) Share Embed Collect

DataCite

Science, Digital; Simons, Natasha; Goodey, Greg; Hardeman, Sara; et al. (2021): The State of Open Data 2021. <https://doi.org/10.6084/m9.figshare.17061347.v1> Copy citation

DIGITAL
science

CATEGORIES

- Library and information studies not elsewhere classified

The State of Open Data 2021

Overview of attention for research output published on figshare, November 2021

125

SUMMARY Blogs Twitter Facebook

So far, Altmetric has seen 4 posts from 4 blogs.

Springer Nature and Figshare Announce a Pilot Project to Improve Data Sharing

LJ INFOdocket, 12 Apr 2022

From a Joint Announcement: Springer Nature and Figshare have launched a free pilot to better support authors in making their research data more accessible and reusable.

Guest Post: A Decade of Open Data in Research — Real Change or Slow Moving Compliance?

The Scholarly Kitchen, 30 Mar 2022

Mark Hahnel looks at the progress that's been made toward open research data -- what's been achieved, what still needs work...


For the most part, researchers have zero incentives to publish negative results.

And while the number of researchers sharing data is growing rapidly, this does not mean that the majority are compliant. Evidence from [The State of Open Data](#), suggests that the majority are compliance reasons. 39% of researchers surveyed said they are not receiving appropriate acknowledgement. 47% of survey respondents said they would be motivated to share data if they were incentivized to do so.

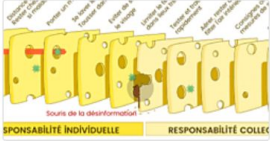
This report's DOI
is mentioned in
this blog post.

Figures: <https://doi.org/10.6084/m9.figshare.13082618.v24>

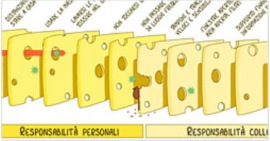
1/4



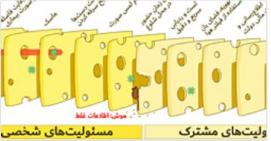
... png (205.72 kB)



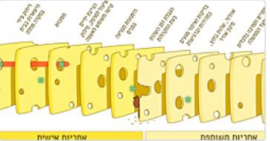
SwissCheese Respir... png (151.65 kB)



SwissCheese_ver3_It... jpg (386.03 kB)



SwissCheese_ver3_P... jpg (544.84 kB)



...

Thumbnail view

List view

File view

Switch View

40 files

The Swiss Cheese Respiratory Virus Defence

Cite

Download all (30.45 MB)

Share

Embed

+ Co

Version 24 ▾ Figure posted on 06.09.2021, 21:33 by Ian M. Mackay

An infographic I made to help clarify that in order to best limit personal risk community risk from being infected by, or passing on, SARS-CoV-2, we need to be using a range of risk reduction measures. Each have their own failings and are affected by circumstances so layering them up helps avoid any single measure problems (holes).

Mentioned by

6 news outlets

1 blog

3770 tweeters

FINANCIAL REVIEW

News story from Australian Financial Review on Tuesday 28 September 2021

Australian Financial Review, 28 Sep 2021

THE CONVERSATION

Covid-19: estas navidades, la estrategia del queso suizo

The Conversation, 14 Dec 2020

Ni el confinamiento, ni el verano, ni la obligatoriedad de las mascarillas han conseguido librarnos del SARS-CoV-2.

The New York Times

El modelo del queso suizo contra la pandemia

New York Times, 08 Dec 2020

Una sencilla metáfora ilustra cómo interactúan las distintas capas de protección frente al riesgo del coronavirus.

SCIENTIFIC AMERICAN

Coronavirus News Roundup, October 31-November 6

Scientific American, 06 Nov 2020

The items below are highlights from the free newsletter, Smart, useful, science stuff about COVID-19.



This figure's URL is mentioned in this news story.

Poster: <https://doi.org/10.6084/m9.figshare.1286826.v1>

views from evolutionary and network perspectives.

open, efficient and good science.

tools and sites in 6 research workflow phases (< 2000 - 2015)



df (1.72 MB)

101 Innovations in Scholarly Communication - the Changing Research Workflow

[Cite](#) [Download \(0 kB\)](#) [Share](#) [Embed](#) [+ Collect](#) [...](#)

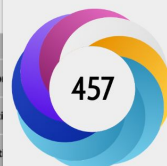
Poster posted on 09.01.2015, 22:14 by [Bianca Kramer](#), [Jeroen Bosman](#)

Poster presented at [Force 2015](#) <https://www.force11.org/meetings/force2015>

In the fast developing world of scholarly communication it is good to take a step back and look at the patterns and processes of innovation in this field. To this end, we have selected 101 innovations (in the form of tools & sites) and graphically displayed them by

Most important 101 Innovations in Scholarly Communication - the Changing Research Workflow

Overview of attention for research output published on figshare, January 2015



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

Mentioned by

- 10 blogs
- 1 policy source
- 500 tweeters
- 15 Facebook pages
- 11 Google+ users
- 1 Q&A thread

What is this page?

USAGE METRICS

58223
views



SUMMARY [Blogs](#) [Policy documents](#) [Twitter](#) [Facebook](#) [Google+](#) [Q&A](#)

Title 101 Innovations in Scholarly Communication - the Changing Research Workflow
Published on figshare, January 2015
DOI 10.6084/m9.figshare.1286826
Authors Bianca Kramer, Jeroen Bosman, Bianca Kramer, Jeroen Bosman, Bianca Kramer, Jeroen Bosman, Jeroen Bosman
Abstract Poster presented at Force 2015 <https://www.force11.org/meetings/force2015> in the fast developing... [\(show\)](#)

[Explore further](#)

[View on publisher site](#)

[Alert me about new mentions](#)

TWITTER DEMOGRAPHICS

ATTENTION SCORE IN CONTEXT

This research output has an **Altmetric Attention Score of 457**. This is our high-level measure of the quality and quantity of online attention that it has received. This Attention Score, as well as the ranking and number of research outputs shown below, was calculated when [the research output was last mentioned on 11 February 2022](#).

ALL RESEARCH OUTPUTS

#41,719

of 21,169,209 outputs

OUTPUTS FROM FIGSHARE

#4

of 22,506 outputs

OUTPUTS OF SIMILAR AGE

#486

of 342,251 outputs

OUTPUTS OF SIMILAR AGE FROM FIGSHARE

#1

of 487 outputs

Altmetric has tracked 21,169,209 research outputs across all sources so far. Compared to these this one has done particularly well and is in the 99th percentile: it's in the **top 5% of all research outputs ever tracked by Altmetric**.

So far, Altmetric has seen **667** tweets from **531** users, with an upper bound of **1,524,959** followers.

Poster: <https://doi.org/10.6084/m9.figshare.1286826.v1>

views from evolutionary and network perspectives.

tools and sites in 6 research workflow phases (< 2000 - 2015)



df (1.72 MB)

101 Innovations in Scholarly Communication - the C

[Cite](#) [Download \(0 kB\)](#) [Share](#) [Embed](#) [+ Collect](#) [...](#)

Poster posted on 09.01.2015, 22:14 by [Bianca Kramer](#), [Jeroen Bosman](#)

Poster presented So far, Altmetric has seen **667** tweets from **531** users, with an upper bound of **1,524,959** followers.

In the fast developing world of scholarly communication it is good to take a step back and look at the patterns and processes of innovation in this field. To this end, we have selected 101 innovations (in the form of tools & sites) and graphically displayed them by



open,

Most i

Trends

Expectation

Uncertainty

Opportunity

Challenge

Most important term development

[Bryan M. Roberts](#)
@RobertsAtPark

Interesting work coming from the @Cornell librarians. It almost makes me sorry for saying that all university libraries should be turned into batting cages or dance clubs.....almost.

[Kelee Pacion](#) @saguaromelee · 7 Dec 2017

101 Innovations in Scholarly Communication - the Changing Research Workflow
figshare.com/articles/101_I... via @figshare

12:48 am · 29 Dec 2017 · Twitter Web Client

[Elisa Reifschneider](#)
@e_reifschneider

This is super interesting. Utrecht researchers are mapping innovative tools and sites used by scientists in the phases of assessment, discovery, analysis, writing, publication and outreach.

figshare.com/articles/101_I... via @figshare

[figshare.com](#)
101 Innovations in Scholarly Communication - the Changing...
Poster presented at Force 2015
<https://www.force11.org/meetings/force2015> in the fast ...

1:27 am · 20 Jul 2018 · Twitter Web Client

USAGE METRICS

Associate dean in the Park School of Communications at Ithaca College. Media researcher/Mets fan/UConn alum/Michael J. Fox Foundation advocate-tweets are my own

[Ithaca, NY](#) [staff.ithaca.edu/broberts/](#) [Born 1980](#)
[Joined March 2011](#)

Stuck down South laughing @ field notes over coffee. Suicide prevention. Urban restorative environments|Cln/Envtl Psychology. PhD.

[Brasil](#) [escritoriodepsicologia.com/english/](#) [Joined July 2018](#)

[Mohammad Keyhani](#)
@Keyhanimo

Wow this compilation of digital tools for scholars by @MsPhelps & @jeroenbosman is a value bomb for any researcher or academic: figshare.com/articles/101_I...
[#Academia](#) [#research](#) [#scholar](#) [#digital](#) [#innovation](#) [#technology](#)

8:37 am · 21 Dec 2018 · Twitter Web Client

Prof in entrepreneurship & strategy @Haskayneschool #NoCode enthusiast
[#ODNC2](#) [entrepreneur-tools.zeef.com](#) Pay me to name your startup: bit.ly/3fjtbYF

[Calgary, Alberta, Canada](#) [mohammadkeyhani.com](#) [Joined May 2008](#)

Tip: use Twitter to get noticed immediately

- **Networking:** a way to find other individuals of similar interests, opinions and influence.
- Free **marketing and promotion tool** with **global reach**.
- Greater reach of **different audiences** - industry professionals, institutes and variety of organizations, even policymakers, are engaging with scholarly outputs (not just used by the general public).
- Many well known, respected users are **genuinely interacting** on social media for a reason, which can be to boost, promote and have a forum to **share thoughts and create conversations** going on an open and global scale, and could be influencers of scholarly content and context.
- Nothing beats social media for **understanding trends**, quickly dispersing information and sharing new content before other traditional sources (power of word of mouth - or your fingertips).
- Research has a **life outside of citations**.



Benefits of promoting on social media

- **Noting who the immediate audiences are, and how soon they engage with and share research.**

Discovering who is saying what, and when first mentions are recorded.

- **Tapping into the social conversation about the research.**

Investigating non-academic opinions or recommendations.

- **Mapping the global interest and reach.**

Weighing in on different (and cultural/social) opinions.

- **Tracking research via social media could lead to eventual academic citations and influence down the line.**

Immediate barometer of engagement and interest.

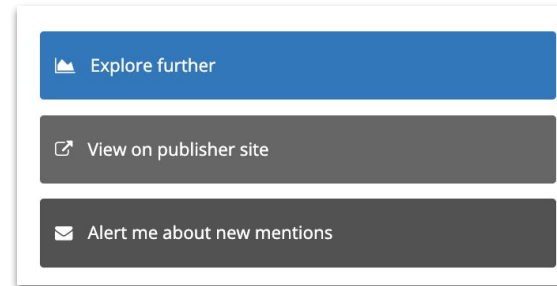
TL;DR version on Step 3: Promote

- Add promotion to your 'to do' list once the research is published.
- Ping the Twitterverse and post on FB pages where you know you will make a splash. Social media is a good first step to gain attention and where many folks are sharing and commenting on research.
- Write up summaries for distribution across comms channels.
- Use sharing mechanisms (using repository shares is like sharing traditional articles seen on publisher sites).
- **ALWAYS** include the DOI/URL into your posts so research is tracked by Altmetric!

Promotion = information

Once you start promoting you can start to track and analyze mentions and feedback to use in a variety of research activities.

- Each Altmetric details page allows you to sign up for alerts.
- Easy way to keep tabs on your individual outputs and when mentions are captured.
- Use Altmetric Explorer to make specific queries, create your own search, save searches, and more.



Get an email when this page is updated

Enter your email address below and you'll get a message from Altmetric whenever somebody mentions this research output online.

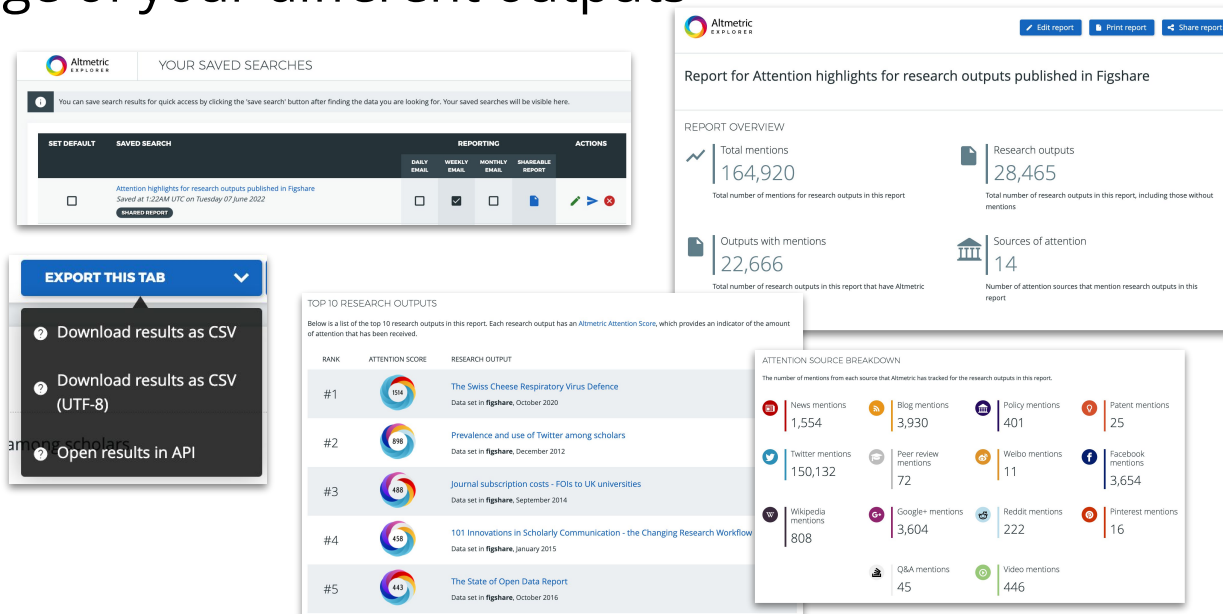
We won't send you more than one email a day, and you can cancel at any time.

What is your email address?

Altmetric Explorer can help

Create, save, and export searches, as well as receive alerts and share reports for a range of your different outputs

- Save your searches or export them from the platform.
- Create dynamic shareable reports for colleagues and supervisors, or link to other websites and use in other research activities.



Track and analyze mentions

Most stakeholders that research is meant to reach do not publish or do research. They do *talk* about research.



General Public



Government &
Policy Makers



Investigators



Research
communicators/
watchdogs



Practitioners



Advocacy/
Non-profits



Tech Transfer



Interested parties

Consider if mentions about
your research contribute to:

- Economy
- Society
- Environment
- Culture
- Beyond academia

How can you use Altmetric data?

From academics to library and research staff, Altmetric data can be used to gather interesting insights for a range of research produced by you and your organization. Altmetric data and mentions can be weaved into different activities:

- **Proposals and grant applications** to showcase achievements
- **Engagement and Impact narratives** to highlight reach
- **National assessment exercises** to display specific influence
- **Resumes and CVs** to gain more recognition
- **Professional profile sites and bios** to attract new collaborators
- **Staff and faculty sites** to promote and celebrate talent
- **Repositories/research sites and discovery platforms** to feature interesting metrics
- **Business intelligence systems** to analyze trends
- **Visualizations and internal reporting** to track and record

Final thoughts and info

Further tips and final thoughts

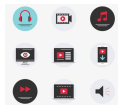
- Digitize physical objects and publish them online in a coherent, curated manner.
- Metadata, metadata, metadata! Describe processes and methodologies, and give context.
- When promoting your research, ALWAYS link directly to the research output. Use that identifier! The same applies when conducting interviews. Ensure interviewers/journalists ALWAYS link to the work directly.
- There is nothing wrong with self-promotion, but make your mentions and posts about the research and NOT just about YOU.
- Reflect where you want to promote and who you are trying to reach.
- Think of other audiences when cross-promoting on different platforms, and consider layman's terms, succinct summaries, and press releases for distribution.
- Become friendly with anyone savvy using social media, and marketing / communications!

Further info - check these out

- Tips and tricks for promoting your research online:
<https://doi.org/10.6084/m9.figshare.5271979.v1>
- Ensure your mentions are being captured: <https://doi.org/10.6084/m9.figshare.8242805.v1>
- Making (medieval) research more visible using open scholarship methods and tools:
<https://doi.org/10.6084/m9.figshare.7011701.v1>
- How to use social media to get a career boost:
<https://doi.org/10.6084/m9.figshare.6605084.v1>
- How to social media like a pro: <https://doi.org/10.6084/m9.figshare.9933497.v1>
- Getting started with Figshare for your outputs:
<https://help.figshare.com/article/how-to-upload-and-publish-your-data>

Remember P3TA!

1. **Produce**



gather the outputs

2. **Publish**



publish on Figshare

3. **Promote**



from Figshare, promote in Altmetric sources

4. **Track**



sign up for alerts

5. **Analyze**



use mentions in activities

Altmetric + Figshare

=

**Get your work noticed and
get the credit**

Get in touch



Altmetric



figshare

Part of **DIGITAL**science



Stephanie Guichard

Regional Sales Manager, Asia Pacific
Digital Science



s.guichard@digital-science.com



@digitalsci | @altmetric | @figshare