



How to improve grant application success with Altmetric tools and data

Altmetric.com | @altmetric
altmetricexplorer.com
support@altmetric.com

Introductions

Josh (London, UK)
Marketing Manager



Stacy (Minneapolis, USA)
Director of Research Relations



What we'll cover

- A little housekeeping
- Tips for using Altmetric data and tools to improve grant applications
- Q&A



Housekeeping

- The webinar is being recorded.
- Registrants will receive a link to the recording tomorrow.
- All attendees are currently muted.
- Technical issues? Please send the “host” a private chat for assistance.
- Questions? Type them into the chat box for Q&A at the end.



In most grant applications...

- Talk about the importance of your work



Typically provide...

- Narratives for planned research, rooted in past experience



How can you...

- Showcase the impact of past work?
- Explain public influence of your research?
- Characterize non-traditional scholarly impact?
- Explain the impact of recently published works?



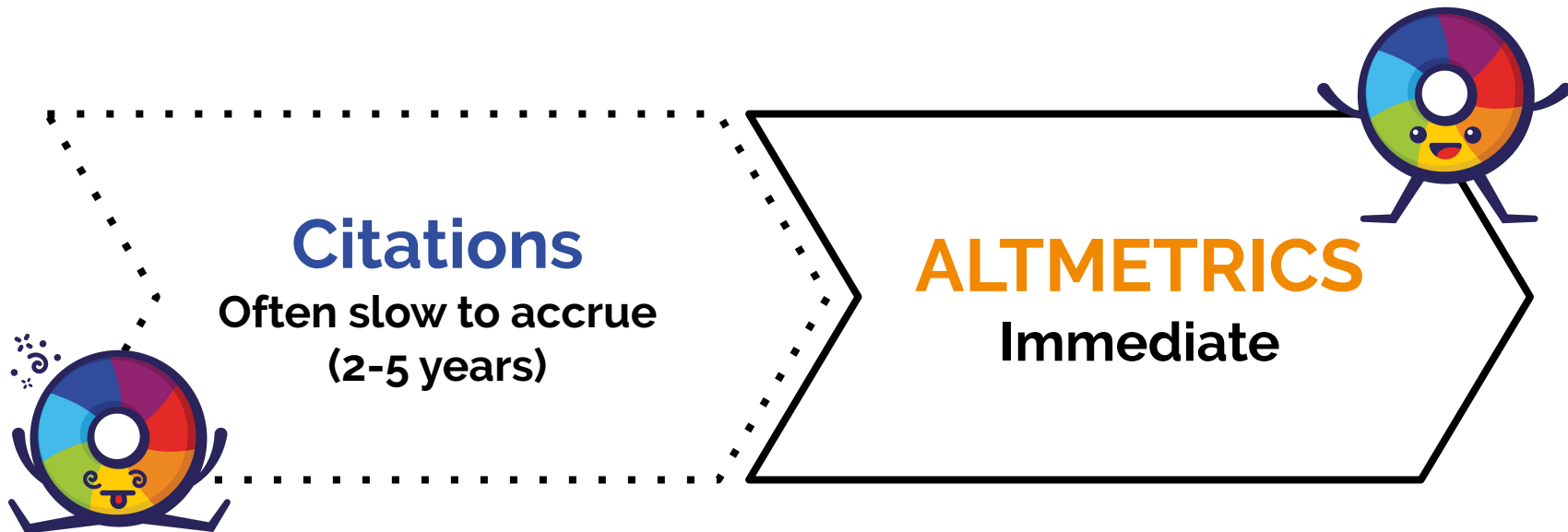
Altmetrics!





View early feedback

Use altmetrics to discover attention research is receiving online in real-time





Find broader impacts

Use altmetrics to learn where your work has made a difference in the world

Citations

Good at showing only a specific kind of scholarly interest



ALTMETRICS

Shows influence on policy, society, doctors, and more!





Forming a narrative

Use altmetrics to describe the reach and impact of your work

Use Altmetric Explorer to search your research outputs and start building context around the “real world” uses of your work.

Consider investigating:

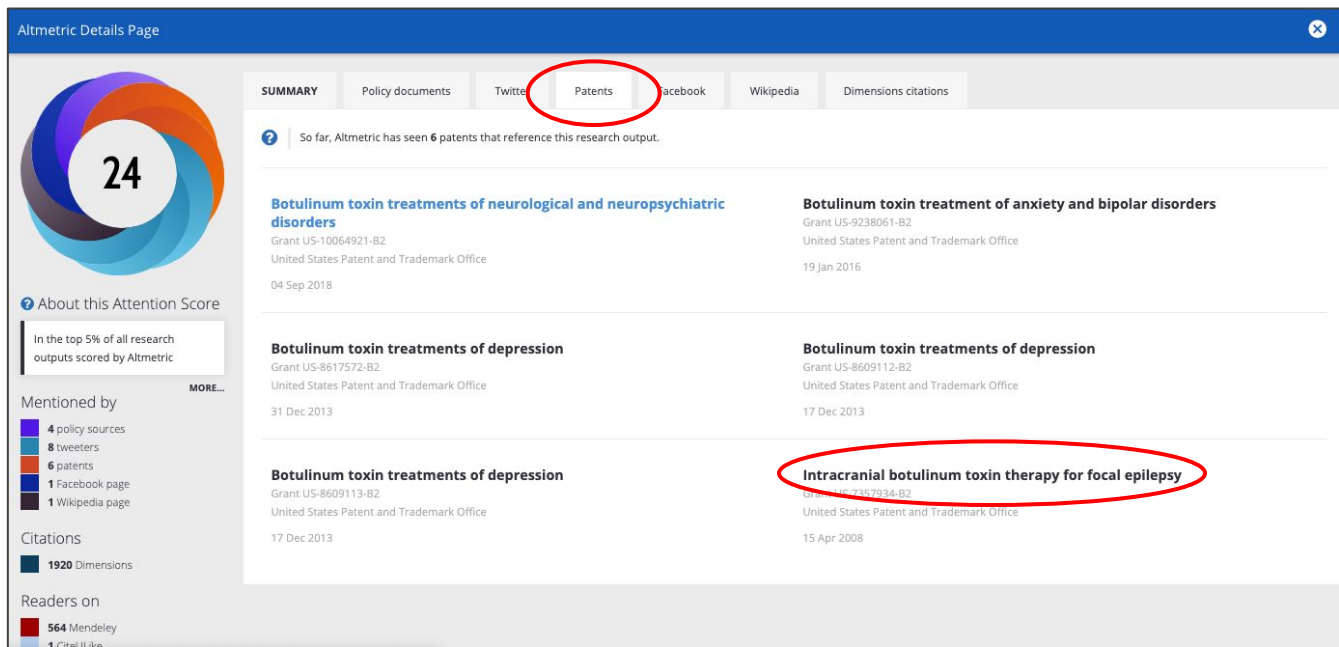
- Policy mentions
- Mass media mentions
- Patent mentions
- Social media mentions





Patent citations


A Randomized, Controlled Trial of Surgery for Temporal-Lobe Epilepsy






Patent citations

A Randomized, Controlled Trial of Surgery for Temporal-Lobe Epilepsy

 Dimensions

[Workflow](#) [Support](#)  [Patty Smi...](#)

Patent

Intracranial botulinum toxin therapy for focal epilepsy

Grant US-7357934-B2


Abstract

Methods for treating and/or curing epilepsy by intracranial administration of a botulinum toxin.

Patent references - 11

[Neurotoxin implant](#)
Allergan Inc - Stephen Donovan, Daniel G. Brady
Grant US - Granted year: 2001
459

[Use of neurotoxin therapy for treatment of urologic and related disorders](#)
Allergan Inc - Richard A. Schmidt
Grant US - Granted year: 2002
150

 Share

Full text

Details

Patent citations [About](#)
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Inventor
Stephen Donovan
Joseph Francis

Original Assignee
[Allergan \(United States\)](#)

Current Assignee
[Allergan \(United States\)](#)

Legal status
Expired - Fee Related

Expires
2021/07/06

Sorted by: Date





Patent citations

A Randomized, Controlled Trial of Surgery for Temporal-Lobe Epilepsy

Dimensions

[Workflow](#) [Support](#) [Patty Smi...](#)

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Grant US - Granted year: 2002
150


US 20080160121A1

(19) **United States**
(12) **Patent Application Publication**
Donovan et al.

(10) **Pub. No.: US 2008/0160121 A1**
(43) **Pub. Date: Jul. 3, 2008**

(54) **INTRACRANIAL BOTULINUM TOXIN THERAPY FOR FOCAL EPILEPSY**

(75) Inventors: **Stephen Donovan**, Capistrano Beach, CA (US); **Joseph Francis**, Aliso Viejo, CA (US)

Correspondence Address:
ALLERGAN, INC.
2525 DUPONT DRIVE, T2-7H
IRVINE, CA 92612-1599

(73) Assignee: **ALLERGAN, INC.**, Irvine, CA (US)

(21) Appl. No.: **12/036,760**
(22) Filed: **Feb. 25, 2008**

Related U.S. Application Data

(60) Continuation of application No. 10/421,504, filed on Apr. 22, 2003, now Pat. No. 7,357,934, which is a continuation-in-part of application No. 09/903,849, filed on Jul. 12, 2001, now abandoned, which is a division of application No. 09/596,306, filed on Jun. 14, 2000, now Pat. No. 6,306,403.

Publication Classification

(51) **Int. Cl.**
A61K 35/74 (2006.01)
A61P 25/08 (2006.01)

(52) **U.S. Cl.** **424/780**

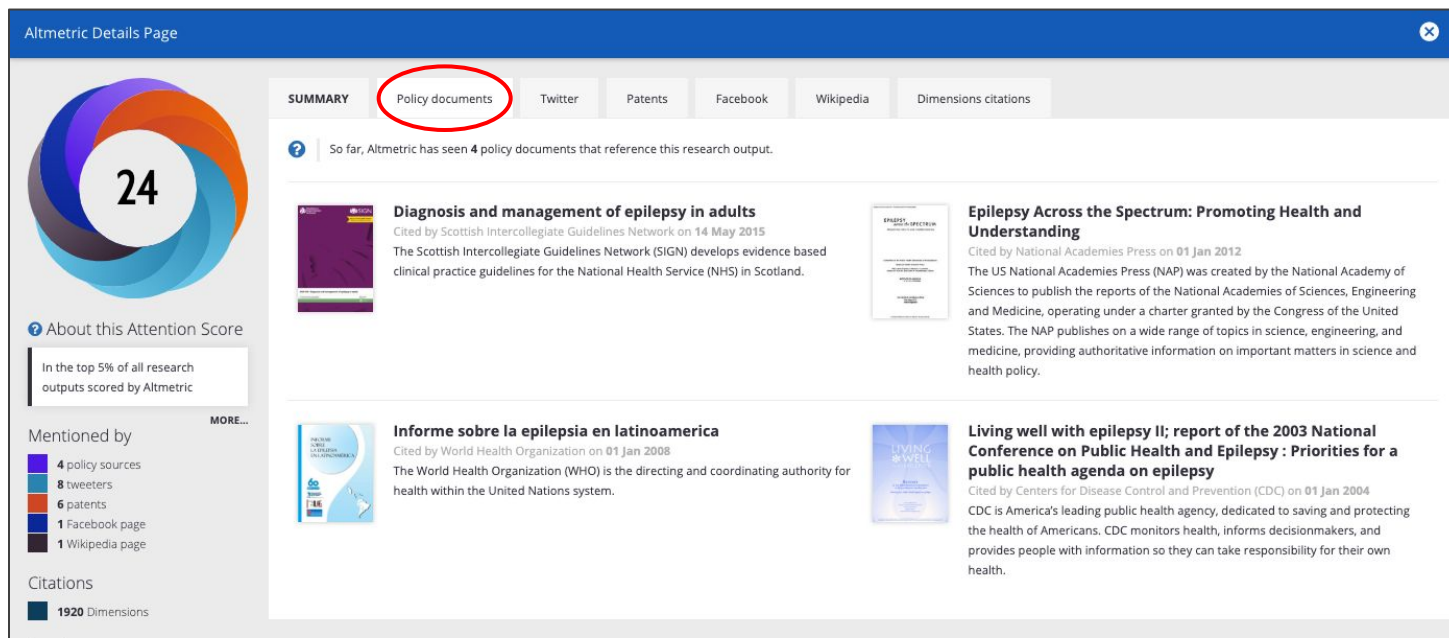
(57) **ABSTRACT**

Methods for treating and/or curing epilepsy by intracranial administration of a botulinum toxin.



Policy citations

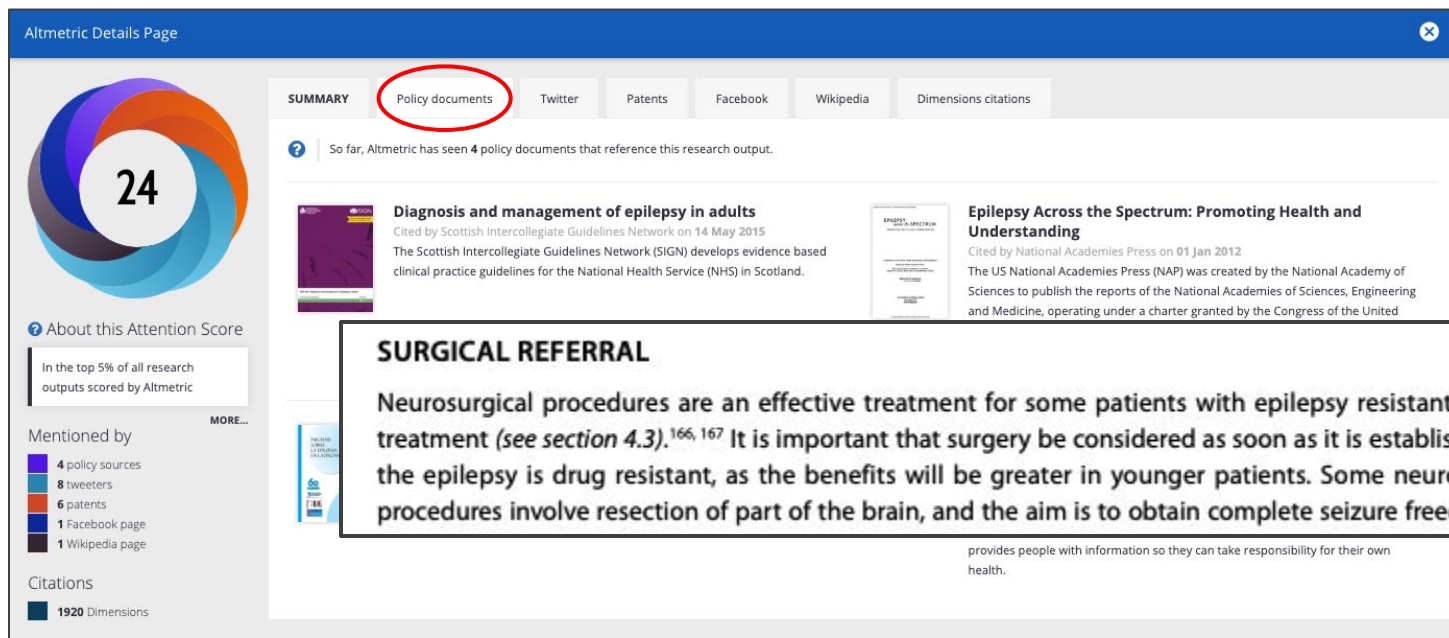
A Randomized, Controlled Trial of Surgery for Temporal-Lobe Epilepsy





Policy citations

A Randomized, Controlled Trial of Surgery for Temporal-Lobe Epilepsy

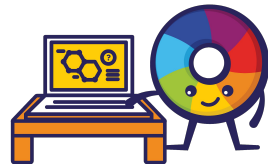


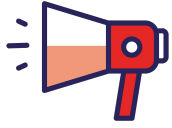


Forming a narrative

Use altmetrics to describe the reach and impact of your work

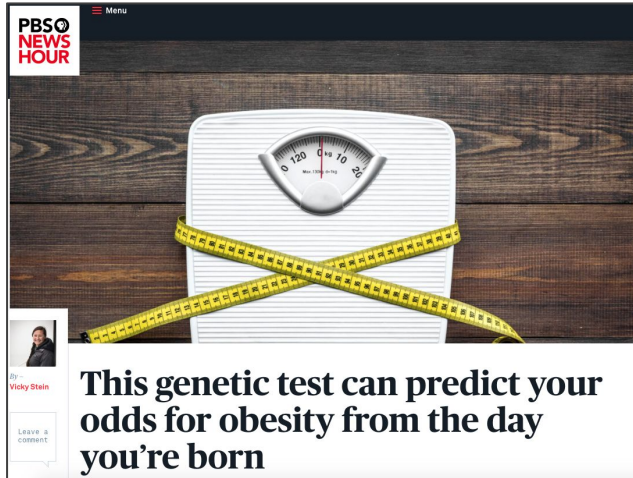
"This work has been established as foundational knowledge regarding best practices for surgical treatment of temporal lobe epilepsy, **as evidenced by citations in 4 international policy documents including the World Health Organization and citations in patent applications to expand treatment options using BOTOX treatments.**"





Mass media attention

*Obesity Discrimination in the Recruitment Process:
"You're Not Hired!"*



SCIENTIFIC
AMERICAN.



Fat Is Not the Problem—Fat Stigma Is

“Health experts” are sending incorrect and destructive messages about the relationship between weight and wellness





Forming a narrative

Use altmetrics to describe the reach and impact of your work

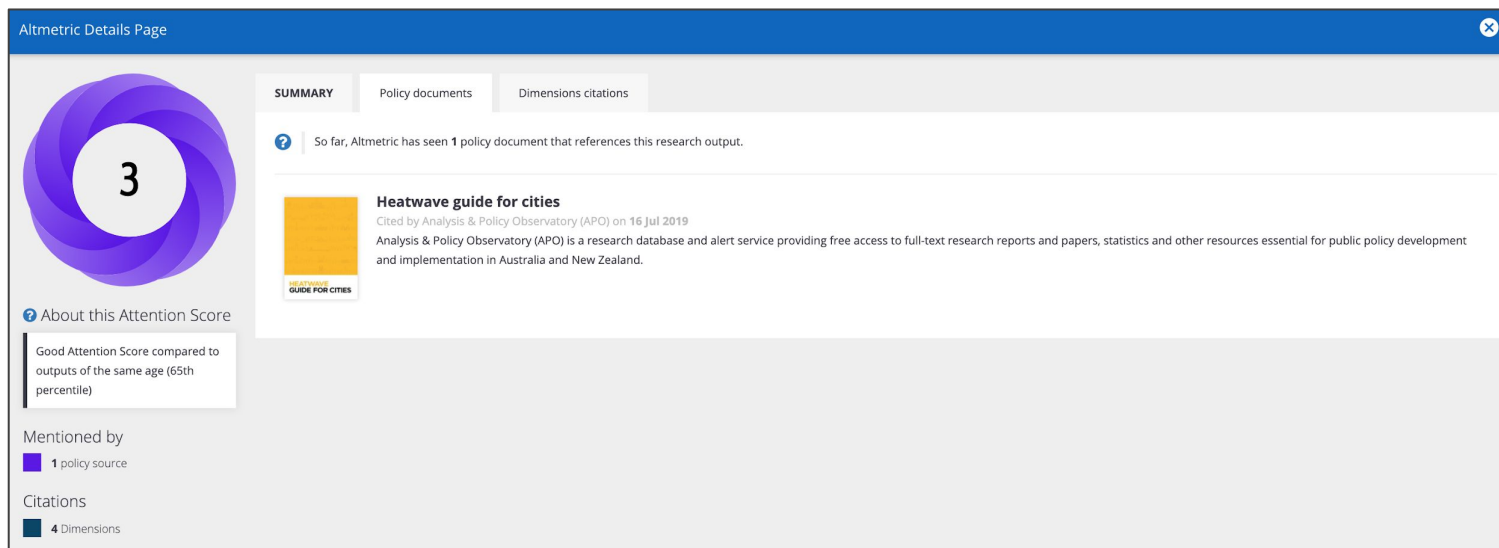
“My work on obesity discrimination during the hiring process has **garnered widespread attention in the mass media, including 3 stories on BBC News and 2 in Forbes, revealing the widespread appeal of this work from the general public to business-focused audiences.** Additionally, this attention demonstrates that the results of my work are directly reaching the people that this discrimination impacts, reinforcing the public interest in my work and the importance of continued research in this area.”





Policy citations

The influence of hospital ward design on resilience to heat waves: An exploration using distributed lag models





Forming a narrative

Use altmetrics to describe the reach and impact of your work

“This research informed the ‘Hospitals’ section of the Red Cross Red Crescent Climate Center *Heatwave Guidelines for Cities*. Per our research, this guidelines recommends reviewing building orientation, materials, exterior shading, and structural density in order to increase resilience during heatwaves and decrease the internal temperature of the buildings during periods of extreme heat. ”





Policy citations

Rapid Declines in Age Group-Specific Rotavirus Infection and Acute Gastroenteritis Among Vaccinated and Unvaccinated Individuals Within 1 Year of Rotavirus Vaccine Introduction in England and Wales

Altmetric Details Page

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Rotavirus Laboratory Reporting (SGSS) - England and Wales

[\[Back to top\]](#)

The number of laboratory reports of rotavirus in England and Wales as reported to Public Health England, in this season (week 27, 2017 to week 03, 2018) is 693. This is 45 per cent lower than the four season average (post-vaccine) for the same period in the seasons 2013/14 to 2016/17 (1249).

Rotavirus particularly contributes to reported diarrhoea and vomiting illness in children aged under five however in the first season following the introduction of the rotavirus vaccine in July 2013, a 77 per cent decline in laboratory-confirmed rotavirus infections in infants was observed (Atchison et al, 2016). The total number of laboratory-confirmed rotavirus infections each season has since remained low compared to the pre-vaccine period.

Citations

46 Dimensions





Using altmetrics in references

Use altmetrics to describe the reach and impact of your work

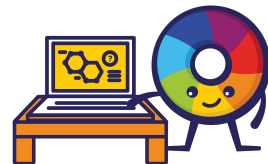
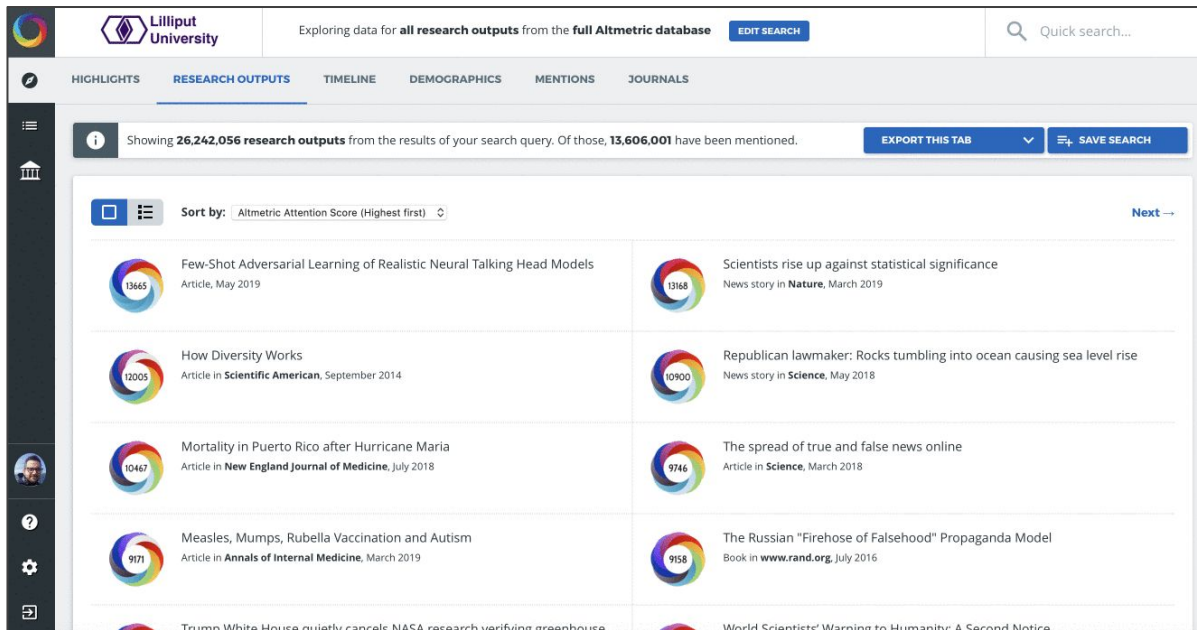
Grant Application Supporting References

1. Rapid Declines in Age Group-Specific Rotavirus Infection and Acute Gastroenteritis Among Vaccinated and Unvaccinated Individuals Within 1 Year of Rotavirus Vaccine Introduction in England and Wales. The Journal of Infectious Diseases, 213(2), 243-249, January 2016. **RCR: 5.62; Cited in 23 weekly Public Health England norovirus reports (Dimensions; Altmetric)**
2. Effectiveness of oral rotavirus vaccination in England against rotavirus-confirmed and all-cause acute gastroenteritis Vaccine X, March 2019. **Cited in Pediatric News (Altmetric)**
3. Replication of human noroviruses in stem cell-derived human enteroids Science, 353(6306), 1387-1393, September 2016. **RCR: 112; Top 4% of papers published in Science (Dimensions; Altmetric)**



How Altmetric tools can help

The Altmetric Explorer for Institutions



The Altmetric Explorer for Institutions

- Search by funder - Explore and report on the attention for yours and other institutions funded work
- Explore the entire Altmetric database - Uncover publications to include in your grant application
- Uncover attention highlights and trends - Perform batch searches within the Explorer and click through to see attention highlights

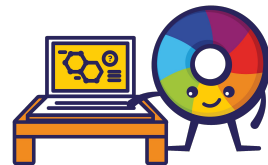
The screenshot displays the Altmetric Explorer interface, divided into two main sections: 'Latest news highlights' and 'Latest mentions'.

Latest news highlights:

- Forbes:** 'Why Some Shapes Make You Feel Calm And Other Shapes Seem Angry' (Published by Forbes, 16 Jul 2019). It cites research outputs on 'Cross-cultural recognition of basic emotions through nonverbal...'. The Altmetric attention score is 16.
- Harvard Business Review:** 'Companies Don't Always Need a Purpose Beyond Profit' (Published by Harvard Business Review, 8 May 2019). It cites research outputs on 'Poverty and mental disorders: breaking the cycle in low-income and...'. The Altmetric attention score is 16.
- Newsweek:** '16p11.2: Autism-linked Genetic Changes Now Appear to be Connected...' (Published by Newsweek, 28 Feb 2019). It cites research outputs on 'Analysis of copy number variations at 15 schizophrenia-associated loci'. The Altmetric attention score is 16.

Latest mentions:

- Mentioned 3 days ago in a Wikipedia page:** A quote about BioNTech SE ('BioNTech') is shown. It cites a research output on 'The cancer genome'. The Altmetric attention score is 16.
- Mentioned 4 days ago in a Wikipedia page:** A quote about 3q29 microdeletion syndrome is shown. It cites a research output on 'Analysis of copy number variations at 15 schizophrenia-associated loci'. The Altmetric attention score is 16.
- Mentioned 4 days ago in a tweet by @bot_obio:** A tweet about SCN9A channelopathy is shown. It cites a research output on 'An SCN9A channelopathy causes congenital inability to experience pain'. The Altmetric attention score is 16.





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Questions?

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The Altmetric Donut and Attention Score in context

What does the donut represent?



Mention type	Weight Points
News	8
Blogs	5
Twitter	1
Facebook	0.25
Sina Weibo	1
Wikipedia	3
Policy Documents (per source)	3
Patents	3
Q&A	0.25
F1000/ Publons/ Pubpeer	1
YouTube	0.25
Reddit/Pinterest	0.25
LinkedIn	0.5





Altmetric Attention Score

Putting the score in context

But how do I
use the
score?





Altmetric Attention Score

Putting the score in context

Avoid listing standalone Altmetric Attention Scores in grant applications and on CVs.

Consider adding additional context about what the scores indicate.

