



# Making sense and making use of Altmetrics in research evaluation

# Citation metrics lag behind



948

Score in context

Article is amongst the highest ever scored in this journal (ranked #18 of 20,575)

show more...

Mentioned by

- 90 news outlets
- 18 blogs
- 132 tweeters
- 9 Facebook users

Readers on

- 0 Mendeley
- 0 CiteULike

Track this article

- Get email updates when this article is shared

Climate change. Projected increase in lightning strikes in the United States due to global warming.

News Blogs Twitter Facebook Score Demographics Help

So far Altmetric has seen 94 stories from 90 outlets.

Global NEWS Wetter world means more lightning strikes: Study  
Lightning strikes in the United States will likely increase by nearly 50 per cent by the end of the century as the world gets warmer. 2014-11-14

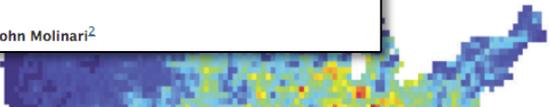
Los Angeles Times Lightning strikes in the US average ten per year, but a new study predicts that the number of strikes could increase by 50 per cent through the 21st century.

Popular Mechanics How Global Warming Affects Lightning: A study in Sweden shows that the number of lightning strikes in Celsius the next century...

ScienceNews Lightning strikes in the US average ten per year, but a new study predicts that the number of strikes could increase by 50 per cent through the 21st century.

The Carbon Brief ANALYSIS BLOG  
Blog  
US lightning strikes to increase under climate change  
13 Nov 2014, 19:25 | Robert McSweeney  
Climate change is likely to increase the number of lightning strikes, according to a study that models the effect of a warmer climate on lightning in the US.

Science AAAS.ORG | FEEDBACK | HELP | LIBRARIANS  
All Science Journals Enter Search Terms  
NEWS SCIENCE JOURNALS CAREERS MULTIMEDIA COLLECTIONS  
Science The World's Leading Journal of Original Scientific Research, Global News, and Commentary.  
Science Home Current Issue Previous Issues Science Express Science Products My Science About the Journal  
Home > Science Magazine > 14 November 2014 > Romps et al., 346 (6211): 851-854  
Article Views Science 14 November 2014: Vol. 346 no. 6211 pp. 851-854 DOI: 10.1126/science.1259100  
Abstract  
Full Text  
Full Text (PDF)  
Figures Only  
Supplementary Materials  
REPORT  
Projected increase in lightning strikes in the United States due to global warming  
David M. Romps<sup>1,2</sup>, Jacob T. Seeley<sup>1</sup>, David Vollaro<sup>2</sup>, John Molinari<sup>2</sup>



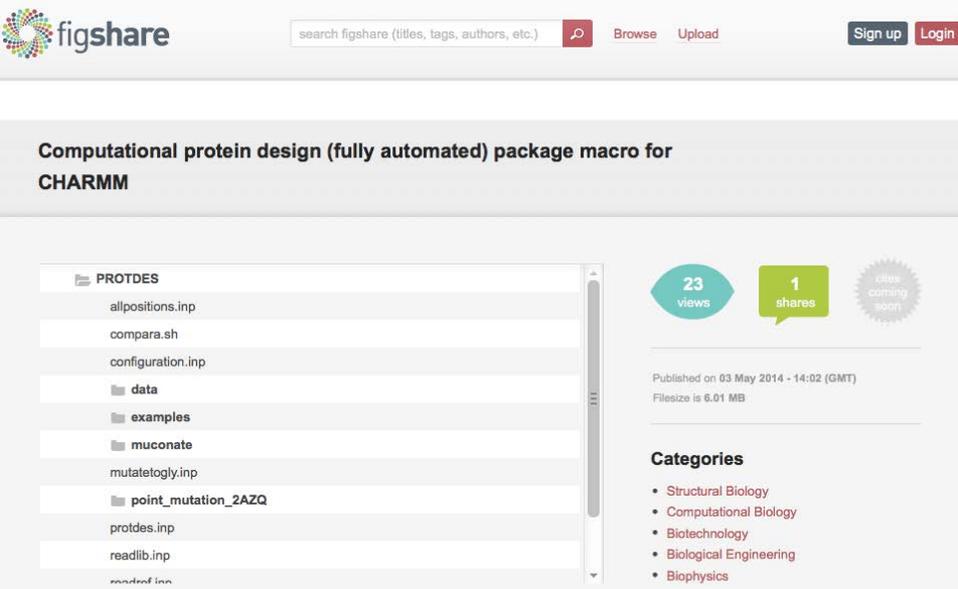
Volodia Opritchnik  
@Opritchnik  
966 followers

Le réchauffement climatique augmente le nombre d'éclairs durant les orages.  
<http://t.co/MPcioySlc>

# Academics aren't the only audience



# Articles aren't the only academic outputs



The screenshot shows the Figshare interface for a file named "Computational protein design (fully automated) package macro for CHARMM". The file is categorized under "PROTDES" and has 23 views and 1 share. It was published on 03 May 2014 at 14:02 GMT and has a file size of 6.01 MB. The categories listed are Structural Biology, Computational Biology, Biotechnology, Biological Engineering, and Biophysics. A list of files is visible on the left, including allpositions.inp, compara.sh, configuration.inp, data, examples, muconate, mutatetogly.inp, point\_mutation\_2AZQ, protdes.inp, readlib.inp, and readlib.inp.



<https://www.flickr.com/photos/nonorganical/8478337494>



<https://www.flickr.com/photos/seeminglee/397721189>



<https://www.flickr.com/photos/dominigs/3559233039>

# Distortion of the research landscape

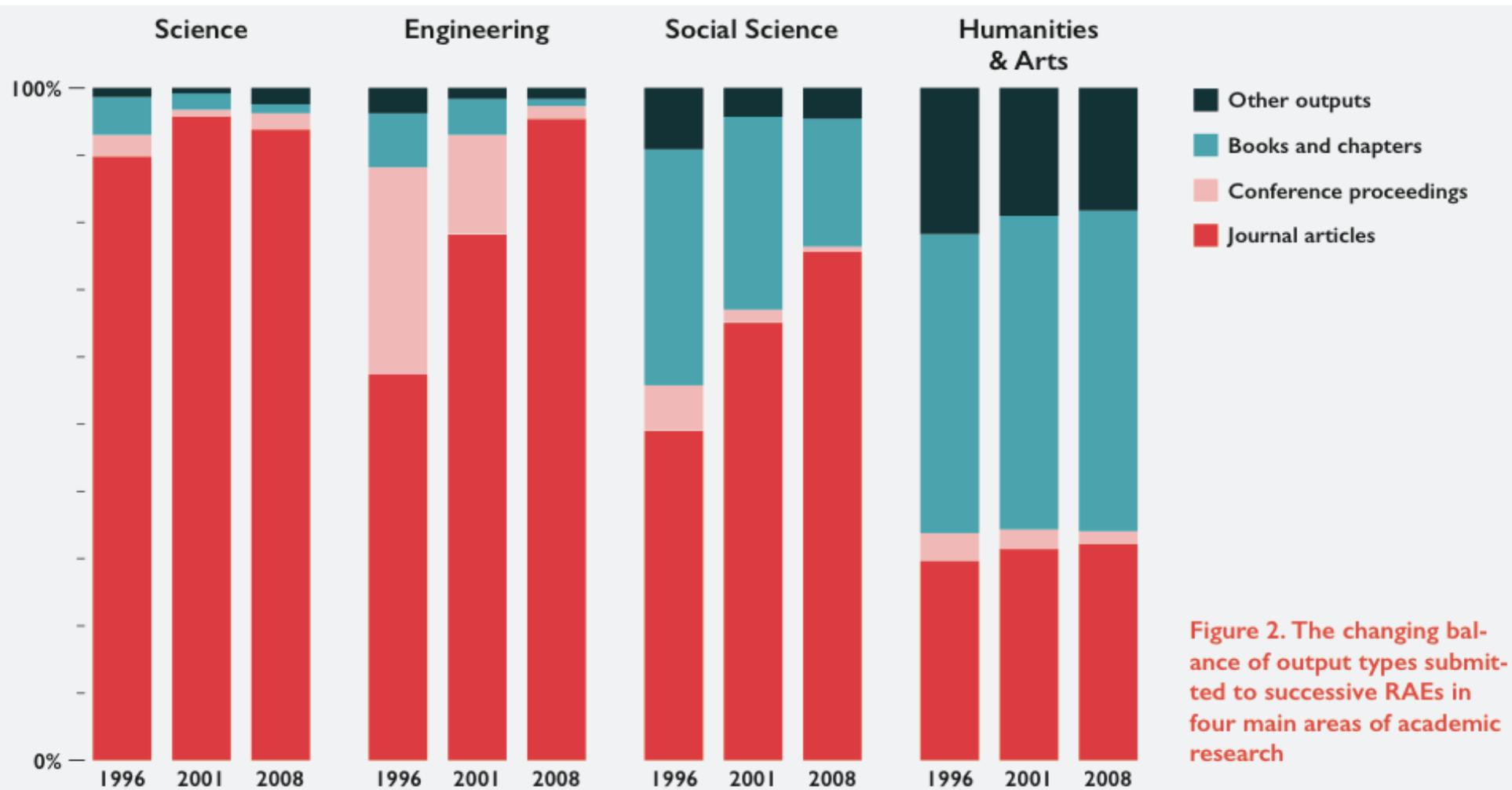


Figure 2. The changing balance of output types submitted to successive RAEs in four main areas of academic research

[“Evidence for excellence: has the signal overtaken the substance?”](#), Jonathan Adams & Karen Gurney, Digital Science, June 2014

# Research evaluation is changing

Grant funders looking for proof of “broader impacts” often defined as “an effect, change, or benefit to the economy, society, culture, public policies, health, the environment, etc.”



<http://www.ref.ac.uk/panels/assessmentcriteriaandleveldefinitions/>



Broaden dissemination to enhance scientific and technological understanding, for example, by presenting results of research and education projects in formats useful to students, scientists and engineers, members of Congress, teachers, and the general public.

<http://www.nsf.gov/pubs/2007/nsf07046/nsf07046.jsp>

The assessment committee bases its judgement on three assessment criteria: research quality, relevance to society, and “viability”.

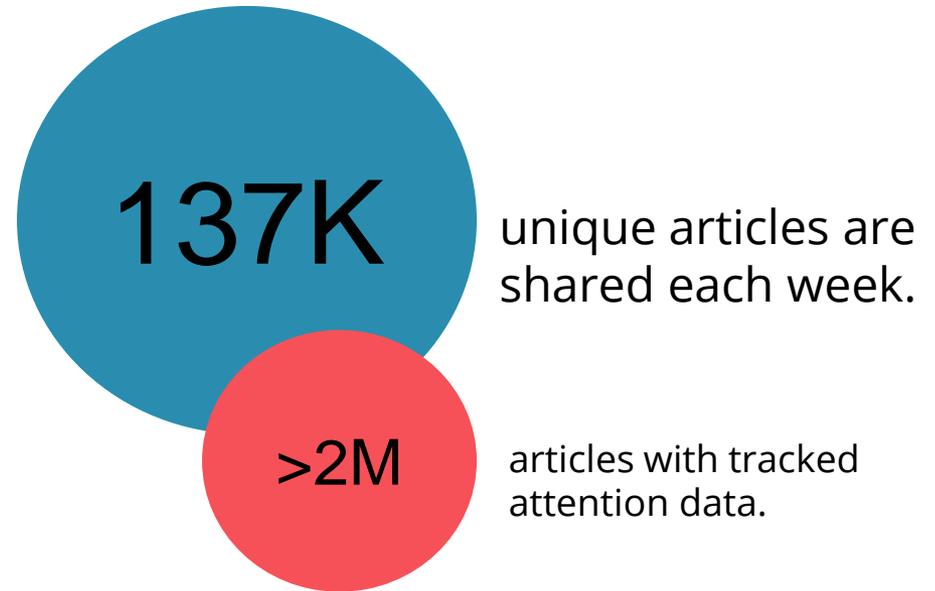
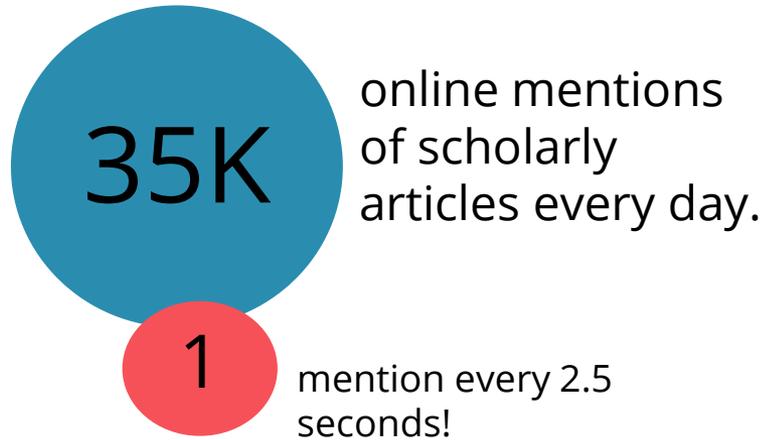


KONINKLIJKE NEDERLANDSE  
AKADEMIE VAN WETENSCHAPPEN

[https://www.knaw.nl/nl/actueel/publicaties/standard-evaluation-protocol-2015-2021/@@download/pdf\\_file/SEP%202015-2021.pdf](https://www.knaw.nl/nl/actueel/publicaties/standard-evaluation-protocol-2015-2021/@@download/pdf_file/SEP%202015-2021.pdf)



# The conversation is moving online



Source: Altmetric internal data, June 2014



# Sources of Attention

## News outlets

- Over 1,300 sites
- Manually curated list
- Text mining
- Global coverage

## Social media and blogs

- Twitter, Facebook, Google+, Sina Weibo
- Public posts only
- Over 8,000 blogs

## Post-publication peer review

- Publons
- PubPeer

## Reference managers

- Mendeley, CiteULike
- Reader counts
- *Don't count towards the Altmetric score*

## Other sources

- YouTube
- Reddit
- F1000
- Pinterest
- Q&A

## Policy documents

- NICE Evidence
- Intergovernmental Panel on Climate Change
- 15 others and counting

# What does Altmetric do?



- We follow a *manually curated* list of sources – where academic research is regularly mentioned.
- We pick up mentions that contain *links* to papers.
- We *text mine* news sources and blogs to determine which article they refer to.
- We collate the attention paid to *different* versions of the *same* paper.
- We show you the actual *mention*, so you can assess the *context*.

# The donut visualization



- Policy documents
- News
- Blogs
- Twitter
- Post-publication peer-reviews
- Facebook
- Sina Weibo
- Google+
- LinkedIn
- Reddit
- Faculty1000
- Q&A (stack overflow)
- Youtube
- Pinterest

## Volume

The score for an article rises as more people mention it.

## Sources

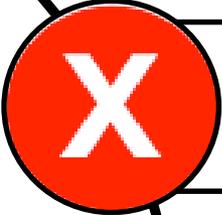
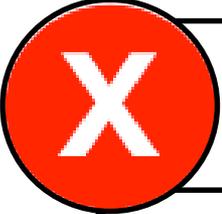
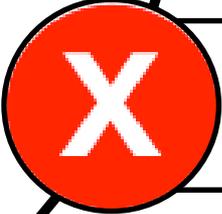
Each category of mention contributes a different base amount to the final score.

## Authors

How often the author of each mention talks about scholarly articles influences the contribution of the mention.



# The Altmetric score does *not* tell you...

-  Quality of the paper
-  Quality of the researchers
-  Whole story

# Metrics that we avoid

## We don't show...

- Facebook likes
- Twitter favourites
- Usage data



The advertisement features a dark blue background with white text. At the top, it reads 'We Let People Like Your Facebook Page' with a thumbs-up icon, followed by 'Want more exposure? We send real people to like your Page. 100% Money Back Guarantee'. Below this, three options are presented: '1000 Likes' for \$57, '5000 Likes' for \$197, and '10000 Likes' for \$297. Each option includes a 'Try it Now!' button and a delivery timeline: 'Delivered in 4 to 7 days', 'Delivered in 12 to 20 days', and 'Delivered in 20 to 30 days' respectively.

Number of Likes	Price	Delivery Time
1000	\$57	Delivered in 4 to 7 days
5000	\$197	Delivered in 12 to 20 days
10000	\$297	Delivered in 20 to 30 days

## Because...

- They can be bought or gamed
- Offering usage data from just a few sources does not allow meaningful analysis or comparisons



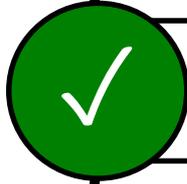
# What can the data tell you?



What type of attention is this research receiving?



Where has this article received the most traction?



Which countries are engaging most with the content?



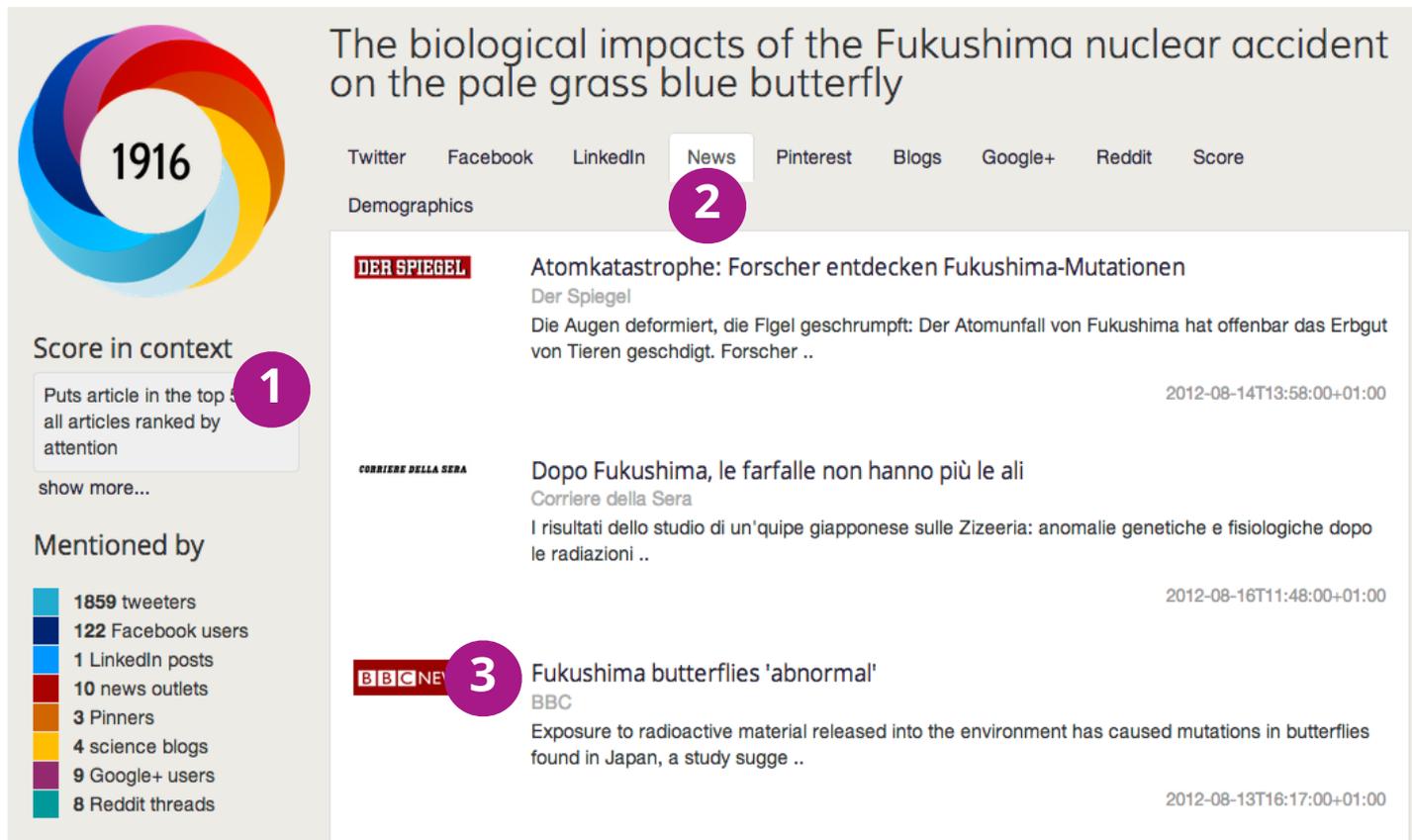
Has this article influenced policy, spurred new research, or engaged a new audience?



Are reactions to this article positive or negative?

# Navigating the Details Pages

- 1 Estimate the amount of attention from the score
- 2 Browse each type of source, or interpret the significance of the score, or see the demographics of mentions
- 3 Click through to the actual mention for context



The screenshot displays a social media analysis tool interface. At the top left, a circular graphic shows the year '1916'. Below it, a 'Score in context' box contains the text 'Puts article in the top 5 of all articles ranked by attention' and a 'show more...' link. To the right, a navigation bar includes links for Twitter, Facebook, LinkedIn, News (highlighted with a purple circle '2'), Pinterest, Blogs, Google+, Reddit, and Score. Below the navigation bar, a 'Demographics' section is visible. The main content area lists three article mentions:

- DER SPIEGEL**: Atomkatastrophe: Forscher entdecken Fukushima-Mutationen. Der Spiegel. Die Augen deformiert, die Flügel geschrumpft: Der Atomunfall von Fukushima hat offenbar das Erbgut von Tieren geschädigt. Forscher .. 2012-08-14T13:58:00+01:00
- CORRIERE DELLA SERA**: Dopo Fukushima, le farfalle non hanno più le ali. Corriere della Sera. I risultati dello studio di un'equipe giapponese sulle Zizeeria: anomalie genetiche e fisiologiche dopo le radiazioni .. 2012-08-16T11:48:00+01:00
- BBC NEWS**: Fukushima butterflies 'abnormal'. BBC. Exposure to radioactive material released into the environment has caused mutations in butterflies found in Japan, a study suggests .. 2012-08-13T16:17:00+01:00

On the left side, a 'Mentioned by' section lists the following data:

- 1859 tweeters
- 122 Facebook users
- 1 LinkedIn posts
- 10 news outlets
- 3 Pinners
- 4 science blogs
- 9 Google+ users
- 8 Reddit threads

# The score in context



## Score in context

Puts article in the top 5% of all articles ranked by attention

show more...

## Mentioned by



## Readers on



## Track this article

- Get email updates when this article is shared

## Fast food hamburgers: what are we really eating?

Twitter Facebook Video Blogs Reddit **Score** Demographics

The Altmetric score is one measure of the quality and quantity of online attention that this article has received. You can read about [how Altmetric scores are calculated](#) here.

This article scored **127.40**

The context below was calculated when this article was last mentioned on **5th July 2013**

### Compared to all articles in Annals of Diagnostic Pathology

In the  
**99%**ile

Ranks  
**1st**

So far Altmetric has tracked 54 articles from this journal. They typically receive a little less attention than average, with a mean score of 2.0 vs the global average of 3.8. This article **has done particularly well**, scoring higher than 99% of its peers. It's actually **the highest scoring article** in this journal that we've seen so far.

### All articles of a similar age

In the  
**99%**ile

Older articles will score higher simply because they've had more time to accumulate mentions. To account for age we can compare this score to the 19,608 tracked articles that were published within six weeks on either side of this one in any journal. This article has done particularly well, scoring **higher than 99% of its contemporaries**.

### Other articles of a similar age in Annals of Diagnostic Pathology

In the  
**99%**ile

Ranks  
**1st**

We're also able to compare this article to 2 articles from the same journal and published within six weeks on either side of this one. This article **has scored higher than all of them**.

### All articles

In the  
**99%**ile

More generally, Altmetric has tracked 1,349,492 articles across all journals so far. Compared to these this article has done particularly well and is in the 99th percentile: it's **in the top 5% of all articles ever tracked** by Altmetric.

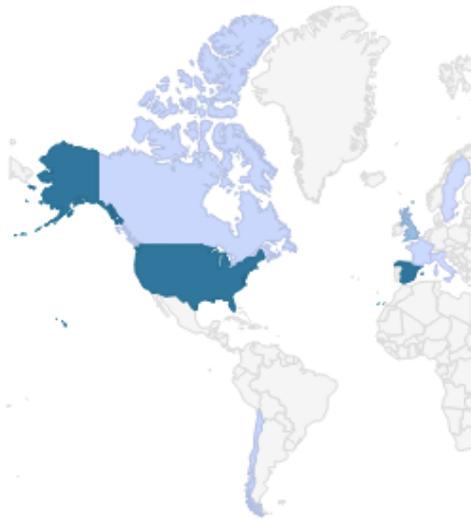
# A mitochondrial genome sequence of a hominin from Sima de los Huesos.

News Blogs Twitter Facebook Google+ Reddit Video Score **Demographics** Help

## Twitter attention

The data shown below were collected from the profiles of tweeters who shared this article. Click [here](#) to find out more about how the information was compiled.

## Geographical breakdown



## Tweeter demographics

### Type

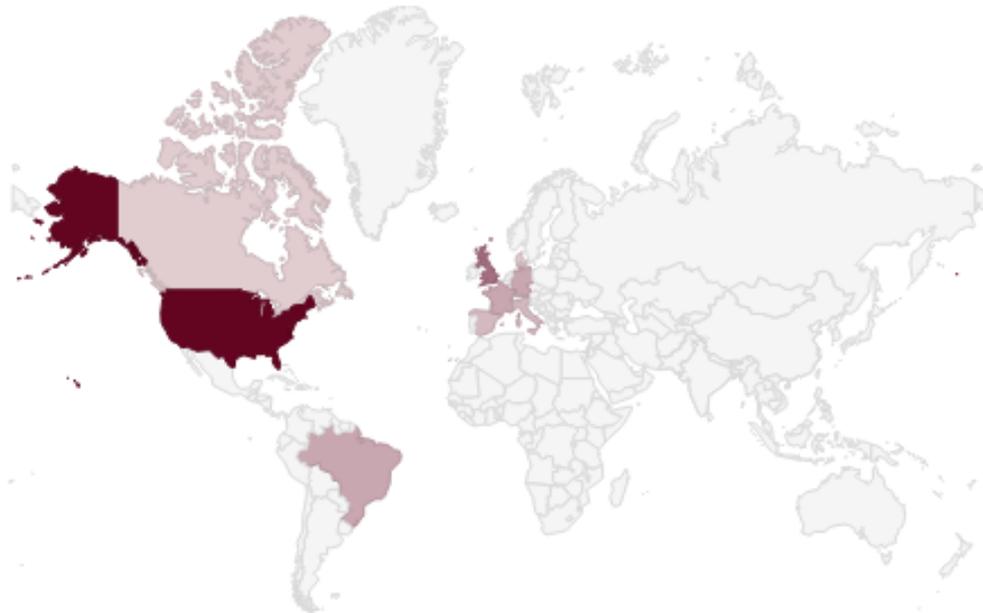
Members of the public

Scientists

## Mendeley readership

The data shown below were compiled from readership statistics for **221** Mendeley readers of this article. the article's page on the Mendeley website.

## Geographical breakdown



#	Country
1	US
2	GB
3	DE
3	BR
3	FR
3	ES
3	IT
8	DK
8	CA
-	Other

# Not just journal articles

We track all CrossRef and DataCite DOIs, PubMed IDs, arXiv IDs, RePEc IDs, and we can track handles too.

- e.g. article details page for figshare DOI 10.6084/m9.figshare.1130885  
<http://www.altmetric.com/details.php?doi=10.6084/m9.figshare.1130885>



157

Dreadnoughtus schrani 3D PDF images - Lacovara et al., 2014, A Gigantic, Exceptionally Complete Titanosaurian Sauropod Dinosaur from Southern Patagonia, Argentina, Scientific Reports,

News Blogs Twitter Facebook Google+ Video Demographics Help

So far Altmetric has seen 5 stories from 4 outlets.

**Score in context**  
Is one of the highest ever scores in this journal (ranked #5 of 4,491)  
show more...

**Mentioned by**

- 4 news outlets
- 2 blogs
- 153 tweeters
- 2 Facebook users
- 2 Google+ users
- 1 video uploader

**Readers on**

- 0 Mendeley
- 0 CiteULike

**Track this article**

- Get email updates when this article is shared

**YAHOO! NEWS**  
**Gigantic Dreadnoughtus Dinosaur Weighed Whopping 65 Tons, Feared Nothing**  
Yahoo! News  
A gargantuan, long-necked dinosaur as big as a two-story house and weighing as much as 12 elephants once stalked a flower-dotted ..  
2014-09-04T14:59:34+01:00

**YAHOO! NEWS**  
**Dreadnoughtus Dinosaur Weighed Whopping 65 Tons, Feared Nothing**  
Yahoo! News  
A gargantuan, long-necked dinosaur as big as a two-story house and weighing as much as 12 elephants once stalked a flower-dotted ..  
2014-09-04T14:59:34+01:00

**The Register**  
**Dino-hunters discover Dreadnoughtus – maybe the biggest creature to have walked**  
The Register  
Finders make 3D scans of bones available for download Paleontologists have discovered the remains of a new type of dinosaur, dub ..  
2014-09-04T18:22:59+01:00



search figshare (titles, tags, authors, etc.) Browse Upload Sign up Login

**Dreadnoughtus schrani 3D PDF images - Lacovara et al., 2014, A Gigantic, Exceptionally Complete Titanosaurian Sauropod Dinosaur from Southern Patagonia, Argentina, Scientific Reports,**

dorsal 4.pdf	preview	download
cervical.pdf	preview	download
dorsal 8.pdf	preview	download
hindimb.pdf	preview	download
caudal series.pdf	preview	download
forelimb.pdf	preview	download
hip.pdf	preview	download

Download all

**23568** views **51** shares items coming soon

Published on 04 Sep 2014 - 14:07 (GMT)  
Filesize in total is 674.93 MB

**Categories**

- Paleontology
- Zoology

**Authors**  
Kenneth Lacovara

**Tags**

- Dreadnoughtus
- sauropod
- titanosaur
- Argentina
- Patagonia
- cretaceous

**License** (what's this?)

Share this: [Share](#) 24 [Tweet](#) 10 [G+](#) 17 [Embed](#)

Cite this: Lacovara, Kenneth (2014): Dreadnoughtus schrani 3D PDF images - Lacovara et al., 2014, A Gigantic, Exceptionally Complete Titanosaurian Sauropod Dinosaur from Southern Patagonia, Argentina, Scientific Reports., figshare. <http://dx.doi.org/10.6084/m9.figshare.1130885>



**BUT DOES ANY OF THIS MATTER?  
OR IS IT JUST NOISE?**

# The evidence – 1

Bornman L (2014). “Alternative metrics in scientometrics: A meta-analysis of research into three altmetrics”, *arXiv* preprint.

<http://arxiv.org/abs/1407.8010>

Reports a medium/strong correlation between Mendeley readership and citations, a weak one between blog posts and citations, and little or no correlation between Twitter mentions and citations.

# The evidence – 2

Haustein S, Peters I, Sugimoto C, Thelwall M and Larivière V (2014). “Tweeting Biomedicine: An Analysis of Tweets and Citations in the Biomedical Literature”, *Journal of the Association for Information Science and Technology*, 65(4), 656–669.

<http://onlinelibrary.wiley.com/doi/10.1002/asi.23101/abstract>

Using an analysis of 1.4 million documents covered by both PubMed and Web of Science and published between 2010 and 2012, shows that “correlations between tweets and citations are low, implying that impact metrics based on tweets are different from those based on citations”

# The evidence – 3

Mohammadi E, Thelwall M, Haustein S and Larivière V (2014). “Who Reads Research Articles? An Altmetrics Analysis of Mendeley User Categories”, *Academia.edu pre-print*.

[http://www.academia.edu/6298635/Who Reads Research Articles An Altmetrics Analysis of Mendeley User Categories](http://www.academia.edu/6298635/Who_Reads_Research_Articles_An_Altmetrics_Analysis_of_Mendeley_User_Categories)

Suggests that “Mendeley readership can reflect usage similar to traditional citation impact, if the data is restricted to readers who are also authors, without the delay of impact measured by citation counts” and that “Mendeley statistics can also reveal the hidden impact of some research papers, such as educational value for non-author users inside academia or the impact of research papers on practice for readers outside academia.”

# The evidence – 4

Shema H, Bar-Ilan J and Thelwall M (2014). “Do Blog Citations Correlate With a Higher Number of Future Citations? Research Blogs as a Potential Source for Alternative Metrics”, *Journal of the Association for Information Science and Technology*, 65(5), 1018-1027.

<http://onlinelibrary.wiley.com/doi/10.1002/asi.23037/abstract>

Finds evidence of correlations between articles reviewed in blogs, and future citations.

# The evidence – 5

Thelwall M, Haustein S, Larivière V and Sugimoto CR (2013). “Do Altmetrics Work? Twitter and Ten Other Social Web Services”, *PLoS ONE* 8(5): e64841.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0064841>

Provides evidence that altmetrics can provide intelligence on the readership of academic research that traditional citation metrics can't: "It seems that altmetrics probably capture a broad, or at least a different, aspect of research visibility and impact in comparison to citation counts. For example, non-publishing so called “pure” readers are estimated to constitute one third of the scientific community and these may tweet or blog articles without ever citing them.”

# The evidence – 6

Zahedi Z, Costas R and Wouters P (2014). “How well developed are altmetrics? A cross-disciplinary analysis of the presence of ‘alternative metrics’ in scientific publications”, *Scientometrics* 101(2), 1491-1513.

<http://link.springer.com/article/10.1007%2Fs11192-014-1264-0>

In a study of metrics for 20,000 random publications from the Web of Science found that 62.6% of the articles had Mendeley readership metrics, and found a moderate Spearman correlation ( $r = 0.49$ ) between Mendeley readership counts and citation indicators.

# Conclusions from evidence – 1

- Academic readings in Mendeley are an indicator that the article has influenced thought and may be cited by that author in the future.
- A recent article with lots of Mendeley readership might be a better bet for REF than a recent article with little Mendeley readership

# Conclusions from evidence – 2

- Articles reviewed (favourably) in blogs and other online sites are likely to be well-cited in the future.
- A recent article with positive online reviews might be a better bet for REF than a recent article with no positive online reviews.

# Conclusions from evidence – 3

- Social media attention on sites like Twitter, Facebook, Google+ might indicate impact amongst practitioners, policy makers, and the general public.
- You need to check the mentions for significance of author, and reach. Maybe contact them to find out more.
- Authors need to manage their social media network to help reach the right audience.
- Authors need to actively promote their own research.

# How can Altmetric for Institutions help?

## Researchers

- Monitor immediate uptake of articles
- Provide evidence of impact for CVs and funders
- Help choose which articles to submit to REF
- Make informed decisions on future publishing choices

## Research admin officers

- Monitor and report on activity by department
- Assist in grant applications
- Comply with funder and governmental mandates
- Evaluate need for additional support

## Comms team

- Measure success of (social) media engagement
- Find success stories to share (e.g. through press releases, media interviews, Alumni magazine)
- Find researchers who are engaged with social media

## Librarians

- Help researchers track the impact of their articles
- Provide evidence for CVs and grant applications
- Provide a current awareness service
- Help lecturers populate suggested reading lists

# Monitor uptake of a new article



## Female monopolization mediates the relationship between pre- and postcopulatory sexual traits

News **Twitter** Facebook Score Demographics Help

So far Altmetric has seen 2 tweets from 2 accounts.



David R. Bachinsky  
@drbachinsky  
3,262 followers

@razibkhan @evolbrain Female monopolization mediates the relationship between pre- and postcopulatory sexual traits <http://t.co/EA3z3QBg8O>

29-Jan-2014



PROX  
@kumppppp  
514 followers

Female monopolization mediates the relationship between pre- and postcopulatory sexual traits <http://t.co/uzddQmlimN>

13-Mar-2014

### Score in context

Puts article in the top 5% of all articles ranked by attention

show more...

### Mentioned by

- 7 news outlets
- 2 tweeters
- 1 Facebook user

### Readers on

- 19 Mendeley
- 1 CiteULike

### Track this article

- Get email updates when this article is shared

# Daily or weekly alert of new mentions of any of your articles

Articles by Cox, Brian mentioned at least once in the past 1m

Pick new articles:

You've chosen to see articles by Cox, Brian.

[Look at all articles instead](#)

▼ Mentioned in the past

- 1 day
- 3 days
- 1 week
- 1 month
- 3 months
- 6 months
- 1 year
- Any time

► With keyword

► In these journals

► With identifiers

► From publisher

► With handle prefix

► With Medline subjects

Summary report Articles **Activity** Journals

Save this workspace API

Show all types from past 1m from any time

BLOG POST

### ExoticsPublicResults

Exotics Public Results This page contains results approved for public presentations from the Exotics group. Only this material is approved for...

- 10 Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector
- 14 Search for New Physics in Dijet Mass and Angular Distributions in pp Collisions at  $\sqrt{s} = 7$  TeV Measured with the ATLAS Detector *New Journal of Physics*
- 7 Inclusive search for same-sign dilepton signatures in pp collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector *Journal of High Energy Physics*
- 7 Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in  $\sqrt{s} = 7$  TeV proton-proton collisions *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*
- 6 Search for Massive Long-lived Highly Ionising Particles with the ATLAS Detector at the LHC *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*
- 8 Search for high-mass resonances decaying to dilepton final states in pp collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector *Journal of High Energy Physics*
- 6 Search for high mass dilepton resonances in pp collisions at  $\sqrt{s} = 7$  TeV with the ATLAS experiment *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*
- 7 Search for third generation scalar leptoquarks in pp collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector *Journal of High Energy Physics*
- 8 Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector *New Journal of Physics*
- 14 Search for Quark Contact Interactions in Dijet Angular Distributions in pp Collisions at  $\sqrt{s} = 7$  TeV Measured with the ATLAS Detector *Society*

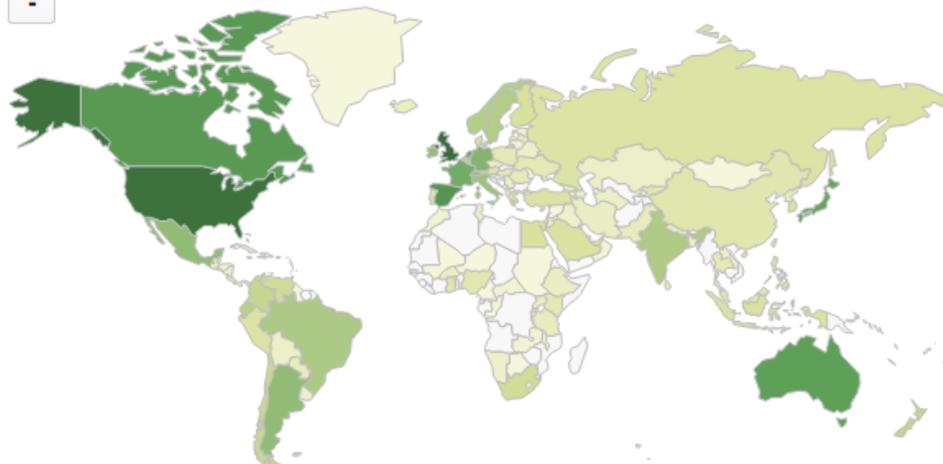
# Track critiques of your articles that might require a response

> With subjects  
 > Matching PubMed query  
 > Funded by  
**▼ Mentioned at any time on**  
 Twitter  
 Google+  
 News outlets  
 LinkedIn  
 Blogs  
 Pinterest  
 Videos  
 Facebook  
 Reddit  
 F1000  
 Research highlights  
 Peer reviews  
 Weibo  
 Policy documents

> Order by  
[reset filters and search terms](#)

Nov '12 Dec '12 Jan '13 Feb '13 Mar '13 Apr '13 May '13 Jun '13 Jul '13 Aug '13 Sep '13 Oct '13 Nov '13 Dec '13 Jan '14 Feb '14 Mar '14 Apr '14 May '14 Jun '14 Jul '14 Aug '14 Sep '14 Oct '14 Nov '14

## Location of Twitter users



Ranking	Country	Percentage
1	UK	39 %
2	US	24 %
3	ES	5 %
4	CA	4 %
5	AU	3 %
5	JP	3 %
6	NL	2 %
6	FR	2 %
7	DE	1 %
-	Other	15 %

## Top articles by mentions in all sources

	Rank	Mentions	Score	Title	Journal
	1st	415	444	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC	Physics Letters B
				Prevalence of abnormalities in knees detected by MRI	British Medical

# Find articles with the highest Mendeley readership

You've chosen to see articles from Astronomy and Astro Physics.

[Look at all articles instead](#)

> Mentioned in the past

> With keyword

> In these journals

> With identifiers

> From publisher

> With handle prefix

> With Medline subjects

> With subjects

> Matching PubMed query

> Funded by

> Mentioned at any time on

▼ Order by

- Score in selected time period
- Total score
- Reference manager count
- Date first seen by Altmetric



A Population of Fast Radio Bursts at Cosmological Distances *Science*

Abstract [...]

Keith, Michael



A State Change in the Missing Link Binary Pulsar System PSR J1023+0038 *The Astrophysical Journal*

Stappers, Benjamin

Astronomical And Space Sciences

Organic Chemistry

Physical Chemistry (Incl. Structural)



Transformation of a Star into a Planet in a Millisecond Pulsar Binary *Science*

Abstract [...]

Stappers, Benjamin

Keith, Michael



A Massive Pulsar in a Compact Relativistic Binary *Science*

Abstract [...]

Kramer, Michael



Global collapse of molecular clouds as a formation mechanism for the most massive stars  
*Astronomy & Astrophysics*

Fuller, Gary

# Track the online conversations in your field of study

All mentioned articles with keywords *happiness*

## Pick new articles:

You've chosen to search the entire Altmetric database.

[Or choose a person, subject or department](#)

➤ Mentioned in the past

▼ With keyword

Enter keywords to match in article titles and author names.

➤ In these journals

▼ With identifiers

No identifiers entered

Add article identifiers

➤ From publisher

➤ With handle prefix

➤ With Medline subjects

➤ With subjects

Articles

Activity

Journals

Save this workspace

API

Show all types

TWEET



Serge Engamba  
@aesambe

Is measuring wellbeing a waste of time? Vote yes or no in our latest poll? <http://t.co/HsHueZbFLX>

21 Clap along if you feel like happiness is linked to money *British Medical Journal (Clinical Research Edition)*

18 Nov 14 21:40

TWEET



Conservatief Café  
@conservatieven

@RuttenGwendolyn helaas. Conservatieven zijn gelukkiger dan progressieven. Oogkleppen soms functioneel <http://t.co/yIUNmWTIVS> #hautekiet

39 Why Are Conservatives Happier Than Liberals? *Psychological Science (Sage Publications Inc.)*

18 Nov 14 21:25

TWEET



Michael Hogan  
@michaelhogannui

Prioritizing positivity: An effective approach to pursuing happiness? <http://t.co/IAa2OSukKH> #PS342

1 Prioritizing positivity: An effective approach to pursuing happiness? *Emotion (Washington, D.C. Print)*

18 Nov 14 21:17

TWEET



Mariam Vahdaninia  
@vahdani\_m

Is measuring wellbeing a waste of time? Vote yes or no in our latest poll? <http://t.co/HsHueZbFLX>

21 Clap along if you feel like happiness is linked to money *British Medical Journal (Clinical Research Edition)*

18 Nov 14 20:14

FACEBOOK POST

# Find social media accounts to follow

## All mentioned articles with keywords *happiness*

Save this workspace API

Show all types

### Pick new articles:

You've chosen to search the entire Altmetric database.

Or choose a person, subject or department

Mentioned in the past

With keyword

happiness

Enter keywords to match in article titles and author names.

In these

Psychology, Neuroscience, Systems Science, Education, Collaboration, Graphicacy, Creativity, Pragmatism, Human Development, Cultural Evolution; Dad :)

With identifier

No identifier

Add article

From publisher

With handle prefix

With Medline subjects

Articles

Activity

Journals

TWEET



Serge Engamba  
@aesambe

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1 Prioritizing positivity: An effective approach to pursuing happiness? Emotion (Washington, D.C. Print)

18 Nov 14 21:17

Reply Retweet Edit & retweet Favorite

TWEET



Mariam Vahdaninia  
@vahdani\_m

Is measuring wellbeing a waste of time? Vote yes or no in our latest poll? <http://t.co/HsHueZbFLX>

21 Clap along if you feel like happiness is linked to money British Medical Journal (Clinical Research Edition)

18 Nov 14 20:14

FACEBOOK POST

<https://twitter.com/michaelhogannui>

# Find social media accounts to follow

Home Notifications Messages # Discover Search Twitter

**Michael Hogan**  
@michaelhogannui

Psychology, Neuroscience, Systems Science, Education, Collaboration, Graphicacy, Creativity, Pragmatism, Human Development, Cultural Evolution; Dad :)

Galway, Ireland  
[bit.ly/1nptF3l](https://bit.ly/1nptF3l)  
Joined November 2010

**8,752** TWEETS   **921** FOLLOWING   **2,447** FOLLOWERS   **155** FAVORITES   **9** LISTS

**Follow**

Tweets   Tweets & replies   Photos & videos

**Michael Hogan** @michaelhogannui · 2h  
Within-person analyses of situational interest and boredom  
[buff.ly/1zAPMqg](https://buff.ly/1zAPMqg)

**Michael Hogan** @michaelhogannui · 2h  
The role of teachers in #bullying  
[buff.ly/1zAPv6X](https://buff.ly/1zAPv6X)

**Michael Hogan** @michaelhogannui · 2h  
Relational reasoning in medical education: Patterns in discourse and diagnosis. [buff.ly/1uMFvae](https://buff.ly/1uMFvae) #medicine #edchat

# Track the research that others in your field mention

All mentioned articles with keywords **@jillemerly**

Export articles

Save this workspace

API

Standard

Tiled

Condensed

Articles

Activity

Journals



Online collaboration: Scientists and the social network. Nature



Variation in Melanism and Female Preference in Proximate but Ecologically Distinct Environments Ethology

Zoology

Psychology

Evolutionary Biology



Publishers withdraw more than 120 gibberish papers Nature



The hipster effect: When anticonformists all look the same



Methane leaks erode green credentials of natural gas. Nature



Funders punish open-access dodgers Nature

## Pick new articles:

You've chosen to search the entire Altmetric database.

[Or choose a person, subject or department](#)

› Mentioned in the past

▼ With keyword

@jillemerly

Enter keywords to match in article titles and author names.

› In these journals

› With identifiers

› From publisher

› With handle prefix

› With Medline subjects

› With subjects

› Matching PubMed query

# Benchmark yourself

## Edit group article list



Enter a list of up to 10,000 DOIs, arXiv IDs, RePEc identifiers, handles or PubMed IDs corresponding to the articles you are interested in below. Each one should be on a separate line.

```
10.1002/9781118227978.ch11
10.1002/9781119974260
10.1002/9781119974260.ch3
10.1002/9781119974260.ch4
10.1002/9781444392494.ch10
10.1002/9781444396775
10.1002/9781444396775.ch
10.1002/9781444396775.ch1
10.1002/9781444396775.ch8
10.1002/9781444396805.ch2
10.1002/9781444397161.ch1
10.1002/9781118227978.ch11
```

Close

Save changes

# Benchmark yourself against others

## All mentioned articles

### Pick new articles:

You've chosen to see articles from custom group "Some bunch of DOIs".

[Look at all articles instead](#)

› Mentioned in the past

› With keyword

› In these journals

› With identifiers

› From publisher

› With handle prefix

› With Medline subjects

› With subjects

› Matching PubMed query

› Funded by

▼ In custom group

› Mentioned at any time on

### Summary report

### Articles

### Activity

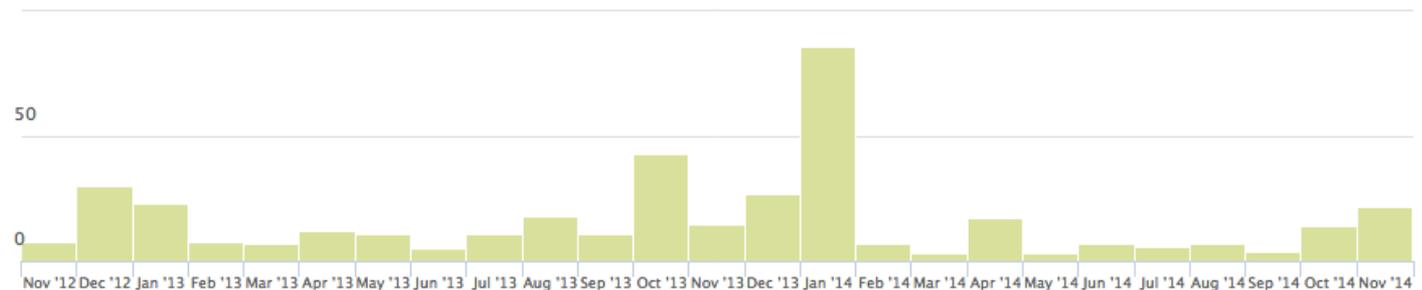
### Journals

Save this workspace

API



Chart of mentions of 241 matched articles from 18th November 2012 to 18th November 2014



Location of Twitter users



Ranking	Country	Percentage
1	US	31 %
2	UK	29 %

# Keep a record of evidence of engagement and impact

The image shows a screenshot of the Altmetric website interface. On the left, a print dialog is open, with the 'Save as PDF' option highlighted by an orange box. The dialog includes fields for destination, pages, paper size, layout, margins, and options. The main content area displays an Altmetric article for 'Neonicotinoid Pesticide Reduces Bumble Bee Colony Growth and Queen Production'. The article features a circular Altmetric score of 378 and a list of news sources that have mentioned the article, including SPIEGEL ONLINE, C&EN, BBC NEWS, TheScientist, and NewScientist. A navigation bar at the bottom right contains icons for back, forward, search, and zoom.

**Print Dialog:**

- Print Total: 17 pages
- Buttons: Cancel, Save
- Destination: Save as PDF (highlighted), Change...
- Pages: All (selected), e.g. 1-5, 8, 11-13
- Paper size: A4
- Layout: Portrait (selected), Landscape
- Margins: Default
- Options: Headers and footers, Background colors and images
- Print using system dialog... (⌘%P)
- Open PDF in Preview

**Altmetric Article:**

- Altmetric Score: 378
- Article Title: Neonicotinoid Pesticide Reduces Bumble Bee Colony Growth and Queen Production
- Score in context: Pure article in the top 5% of all articles ranked by attention. Very good compared to other articles of same age & journal (95th percentile). Very good compared to articles of the same age (99th percentile).
- Mentioned by: 22 news outlets, 13 blogs, 1 policy source, 106 tweeters, 17 Facebook users, 5 Google+ users, 2 video uploaders.
- Readers on: 228 Mendeley, 5 CiteULike.
- Track this article: Get email updates when this article is shared.
- News Sources: SPIEGEL ONLINE, C&EN, BBC NEWS, TheScientist, NewScientist, ScienceNews, NewScientist, The New York Times.

**Navigation Bar:**

- Icons: Home, Back, Forward, Search, Zoom In, Zoom Out.

# Thanks for listening!



Twitter: [@altmetric](https://twitter.com/altmetric)



Website: [altmetric.com](http://altmetric.com)



E-mail: [info@altmetric.com](mailto:info@altmetric.com)  
[t.bucknell@digital-science.com](mailto:t.bucknell@digital-science.com)

