

Altmetrics for highlighting Academic Research

Rajiv Nariani, Science Librarian
York University

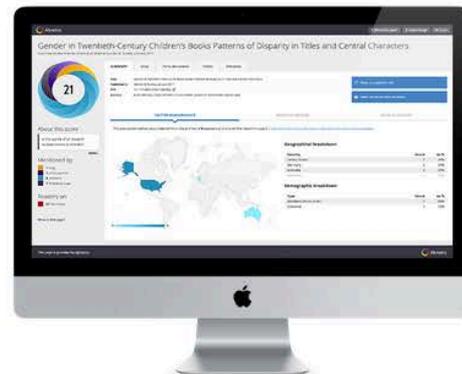
1st November 2017

Who's talking about your research?

Thousands of conversations about scholarly content happen online every day. Altmetric tracks a range of sources to capture and collate this activity, helping you to monitor and report on the attention surrounding the work you care about.

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[For Funders](#)
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What does Altmetric do?



A single research output may live online in multiple websites and can be talked about across dozens of different platforms. At Altmetric, we work behind the scenes, collecting and collating all of this disparate information to provide you with a single visually engaging and informative view of the online activity surrounding your scholarly content.

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yFile: Why only here?

Safe exercise guidelines for Type 1 Diabetes developed by international team led by York U researcher

January 24, 2017 | SHARE

An international team of researchers and clinicians led by York University Professor Michael Riddell has published a set of guidelines to help people with type 1 diabetes exercise safely to avoid fluctuations in blood sugar.

"Regular exercise can help individuals with diabetes to achieve their blood lipid, body composition, fitness and blood sugar goals, but for people living with type 1 diabetes, the fear of hypoglycemia, loss of glycemic control and inadequate knowledge around exercise management are major barriers," said Riddell, in the Faculty of Health. "This is a big struggle for both type 1 diabetes patients and their healthcare providers. This first ever set of consensus guidelines from leading experts will help them."

Patients with type 1 diabetes have to monitor their blood glucose levels before, during and after exercise, said Riddell, who led the team of 21 international experts. For two years, they reviewed observational studies and clinical trials on exercise management for people with type 1 diabetes who exercise regularly, to reach a consensus.

The guidelines on glucose targets for safe and effective exercising as well as nutritional and insulin dose adjustments to prevent exercise-related fluctuations in blood sugar, appear in the report, "**Exercise management in type 1 diabetes: a consensus statement**," published in *The Lancet Diabetes & Endocrinology*. This work was funded by the JDRF, a leading global organization funding type 1 diabetes research.

The authors note that a majority of people with type 1 diabetes are now overweight or obese and tend to be at least as inactive as the rest of the population. A large percentage of patients do not maintain a healthy body weight nor do they achieve the minimum required moderate-to-vigorous aerobic activity (150 minutes per week). This is in contrast to a few decades ago when most patients with the disease were relatively slim and active.

"Regular exercise helps patients achieve a number of goals. In pediatric patients, in particular, it reduces the cardiovascular



Michael Riddell

Altmetric

Exercise management

Overview of attention for article published in The Lancet

600

About this Attention Score

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

Mentioned by

- 56 news outlets
- 206 tweeters
- 9 Facebook pages

Readers on

- 34 Mendeley

UNIVERSITY

Article types

- Clinical Trial
- Review
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

PubMed Commons

- Reader comments
- Trending articles

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

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Format: Summary ▾ Sort by: Most Recent ▾ Per page: 20 ▾

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Filters: [Manage Filters](#)

Search results

Items: 1 to 20 of 5950

<< First < Prev Page 1 of 298 Next > Last >>

- [Consistency of commonly used orthopedic special tests of the shoulder when used with the McKenzie system of mechanical diagnosis and therapy.](#)
Heidar Abady A, Rosedale R, Chesworth BM, Rotondi MA, Overend TJ.
Musculoskelet Sci Pract. 2017 Oct 7;33:11-17. doi: [10.1016/j.msksp.2017.10.001](#). [Epub ahead of print]
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Bayat P, Rezai P.
Sci Rep. 2017 Oct 20;7(1):13655. doi: [10.1038/s41598-017-13090-z](#).
PMID: 29057886
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Tatla SK, Holsti L, Andrews GS, Feichtinger L, Steele R, Siden H.
Res Dev Disabil. 2017 Oct 17;71:191-199. doi: [10.1016/j.ridd.2017.10.001](#). [Epub ahead of print]
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Jones JM, Hynie M.
Front Psychol. 2017 Oct 5;8:1732. doi: [10.3389/fpsyg.2017.01732](#). eCollection 2017.
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Titles with your search terms

Medact/IPPNW Health Through Peace York University conference s [Med Confl Surviv. 2017]

"The legacy of thalidomide" - A multidisciplinary meeting held at the Uni [Birth Defects Res. 2017]

Lives Remembered: Telling the Stories of Older People - An Anthology [Nurs Older People. 2012]

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Find items

Search details

"york university"[Affiliation] NOT ("new york"[Affiliation] OR "1new york"[Affiliation])

Search

See more...



High Scores & GS Citations - Oct 2017: ("york university"[Affiliation]) NOT ("new york"[Affiliation] OR "1new york"[Affiliation])

EXPLORE THE ALTMETRIC DATABASE

Librarian

Search for research outputs...

+ ADVANCED SEARCH (1 FILTER ACTIVE)

Showing all research outputs with PubMed query ("york university"[Affiliation]) NOT ("new york"[Affiliation] OR "1new york"[Affiliation]) sorted by news stories

< 1 2 3 4 5 ... 24 25 >

Sort by News stories



Observation of the 1S–2S transition in trapped antihydrogen

Article in *Nature*, December 2016

141 news stories 22



Chronic exposure to neonicotinoids reduces honey bee health near corn crops

Article in *Science*, June 2017

106 news stories 8



Secular differences in the association between caloric intake, macronutrient...

Article in *Obesity Research & Clinical Practice*, September 2015

102 news stories 21



Relative effectiveness of additive pain interventions during vaccination in...

Article in *Canadian Medical Association Journal*, December 2016

89 news stories 6



Physical Activity/Exercise and Diabetes: A Position Statement of the American...

Article in *Diabetes Care*, November 2016

80 news stories 69



The first European cave fish

Article in *Current Biology*, April 2017

73 news stories



Mars methane detection and variability at Gale crater

Article in *Science*, December 2014

71 news stories 152



Can cancer researchers accurately judge whether preclinical reports will...

Article in *PLoS Biology*, June 2017

60 news stories 22



Climate change impacts on bumblebees converge across continents

Article in *Science*, July 2015

59 news stories 132



Conservation status of polar bears (*Ursus maritimus*) in relation to projected...

Article in *Biology Letters*, December 2016

55 news stories 2



Bilingualism: consequences for mind and brain

Article in *Trends in Cognitive Sciences*, January 2009

46 news stories 560



Spatial and temporal distribution of mass loss from the Greenland Ice Sheet...

Article in *Nature*, December 2015

45 news stories 43



Predicting preschool pain-related anticipatory distress

Article in *Pain (03043959)*, May 2016

43 news stories 3



Health Concerns and Health Service Utilization in a Population Cohort of...

Article in *Journal of Autism & Developmental Disorders*, September 2017

41 news stories 0



Penitentes as the origin of the bladed terrain of Tartarus Dorsa on Pluto

Article in *Nature*, January 2017

40 news stories 2



SUMMARY News Blogs Twitter Facebook Google+ Scopus

Title Relative effectiveness of additive pain interventions during vaccination in infants
Published in Canadian Medical Association Journal, December 2016
DOI 10.1503/cmaj.160942
PubMed ID 27950393
Authors Anna Tacklin, Rebecca Pillai Riddell, Masha Ipp, Steven Moss, Sophie Baker, Jonathan Tolkin, Dave...
Abstract Vaccine injections can cause acute pain and distress in infants, which can contribute to...

TWITTER DEMOGRAPHICS MENDELEY READERS ATTENTION SCORE IN CONTEXT

This research output has an **Altmetric Attention Score of 711**. 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 **30 June 2017**.

ALL RESEARCH OUTPUTS	OUTPUTS FROM CANADIAN MEDICAL ASSOCIATION JOURNAL	OUTPUTS OF SIMILAR AGE	OUTPUTS OF SIMILAR AGE FROM CANADIAN MEDICAL ASSOCIATION JOURNAL
#3,983 of 8,446,126 outputs	#6 of 4,705 outputs	#400 of 282,336 outputs	#1 of 60 outputs

Altmetric has tracked 8,446,126 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.

About this Attention Score
In the top 5% of all research outputs scored by Altmetric

Mentioned by
84 news outlets
2 blogs
59 tweeters
6 Facebook pages
1 Google+ user

Citations
3 Scopus

Readers on
12 Mendeley

Overview of attention for article published in Environmental Health: A Global Access Science Source, February 2015



SUMMARY News Blogs Twitter Facebook Google+ Reddit

Title Exposure to fluoridated water and attention deficit hyperactivity disorder prevalence among children and adolescents in the United States: an ecological association.
Published in Environmental Health: A Global Access Science Source, February 2015
DOI 10.1186/s12940-015-0003-1
PubMed ID 25890329
Authors Malin, Ashley J, Till, Christine, Ashley J Malin, Christine Till
Abstract Epidemiological and animal-based studies have suggested that prenatal and postnatal fluoride...

TWITTER DEMOGRAPHICS MENDELEY READERS

The data shown below were collected from the profiles of 145 tweeters who shared this research output.

About this Attention Score
In the top 5% of all research outputs scored by Altmetric

Mentioned by
16 news outlets
4 blogs
145 tweeters
135 Facebook pages
53 Google+ users
6 Redditors
1 Q&A thread
1 video uploader

Readers on
14 Mendeley



SUMMARY News Blogs Twitter Facebook Google+ Reddit Research highlights Video Scopus

So far, Altmetric has seen 102 news stories from 79 outlets.

Showing items 1-100

- Why it's harder to lose weight now than any time in history**
ABC News WMUR 9, 21 Jun 2017
Baby Boomers and Gen X like to fault millennials for complaining about, well, everything, but it looks like 20-somethings...
- Why it's harder for millennials to lose weight than it was for baby boomers**
MSN, 21 Jun 2017
© Miramax Films/Universal Pictures/Giphy Why It's Harder To Lose Weight Now Than Any Time In History Baby Boomers and Gen X...
- Ecco perché era più facile essere magri negli anni Ottanta**
Fanpage, 20 Jun 2017
Seguite spesso diete e praticate regolarmente attività fisica ma non riuscite a perdere i chili di troppo? Potrebbe essere a...
- Why it's harder to lose weight now than it was 30 years ago**
Latest Nigerian News, 14 Jun 2017
Published by Business Insider on Wed, 14 Jun 2017 The INSIDER Summary: A recent study found that regardless of what you're eating...
- Why it's harder to lose weight now than it was 30 years ago**
MSN, 21 Jun 2017
© ELL.E.S Por-qué-no-conseguiremos-estar-como-nuestros-padres,-por-mucho-deporte-y-dieta-que-hagamos Pues sí, parece que...
- Why it Was Easier to Be Skinny in the 1980s**
The Atlantic, 30 May 2017
There's a meme aimed at Millennial catharsis called "Old Economy Steve." It's a series of pictures of a late-70s teenager, who...
- Fitnessrends: Vom Stress, besonders entspannt zu sein**
SPIEGEL ONLINE, 15 Jun 2016
Druckversion - - SPIEGEL ONLINE - Gesundheit 15, Juni 2016, 11:02 Uhr Vom
- Hitting The Gym Every Day Doesn't Help You Lose Weight, According To A Study**
Elite Daily, 15 Mar 2016

About this Attention Score
In the top 5% of all research outputs scored by Altmetric

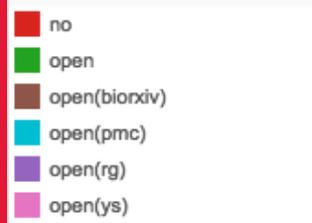
Mentioned by
79 news outlets
5 blogs
179 tweeters
9 Facebook pages
3 Google+ users
2 Redditors
1 research highlight platform
1 video uploader

Citations
9 Scopus

Readers on
54 Mendeley

Tools
Open in a new tab

Media:
The Dean highlighted the following features in the media:
-AmroZayed's research received extensive media coverage in The Economist, Los Angeles Times, Washington Post, PBS, NPR, CBC, Toronto Star, National Post, The Scientist, Nature, Motherboard and many more outlets around the world.
-Jianhong Wu and his research on mapping black-legged ticks in Canada was highlighted in The Globe and Mail.
-Dasantila Golemi-Kotra and Gerald Audette were featured in the Summer 2017 YorkU Alumni magazine.
-CTV news covered the event from the PanAm stadium

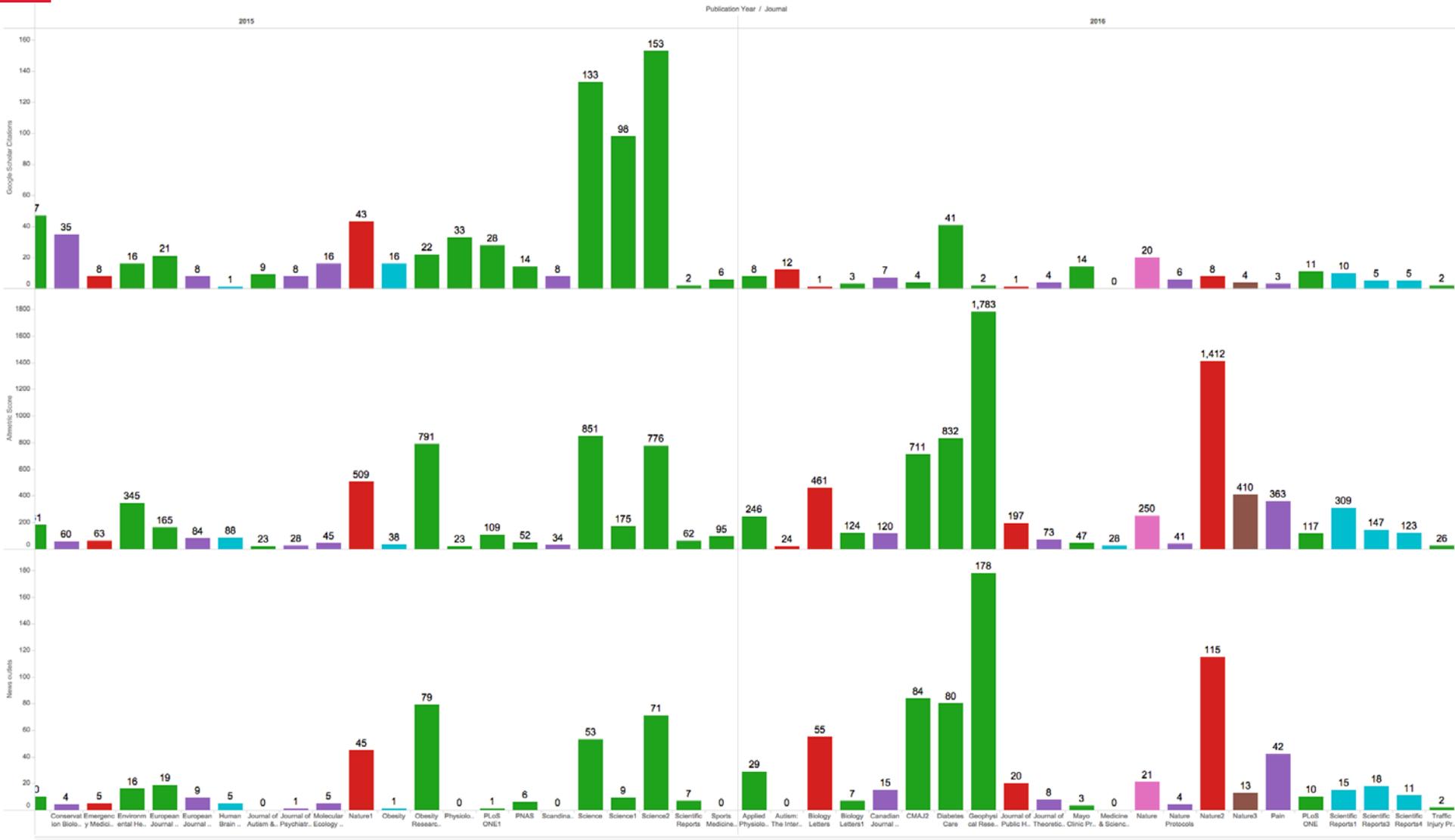


BAR COLOURS

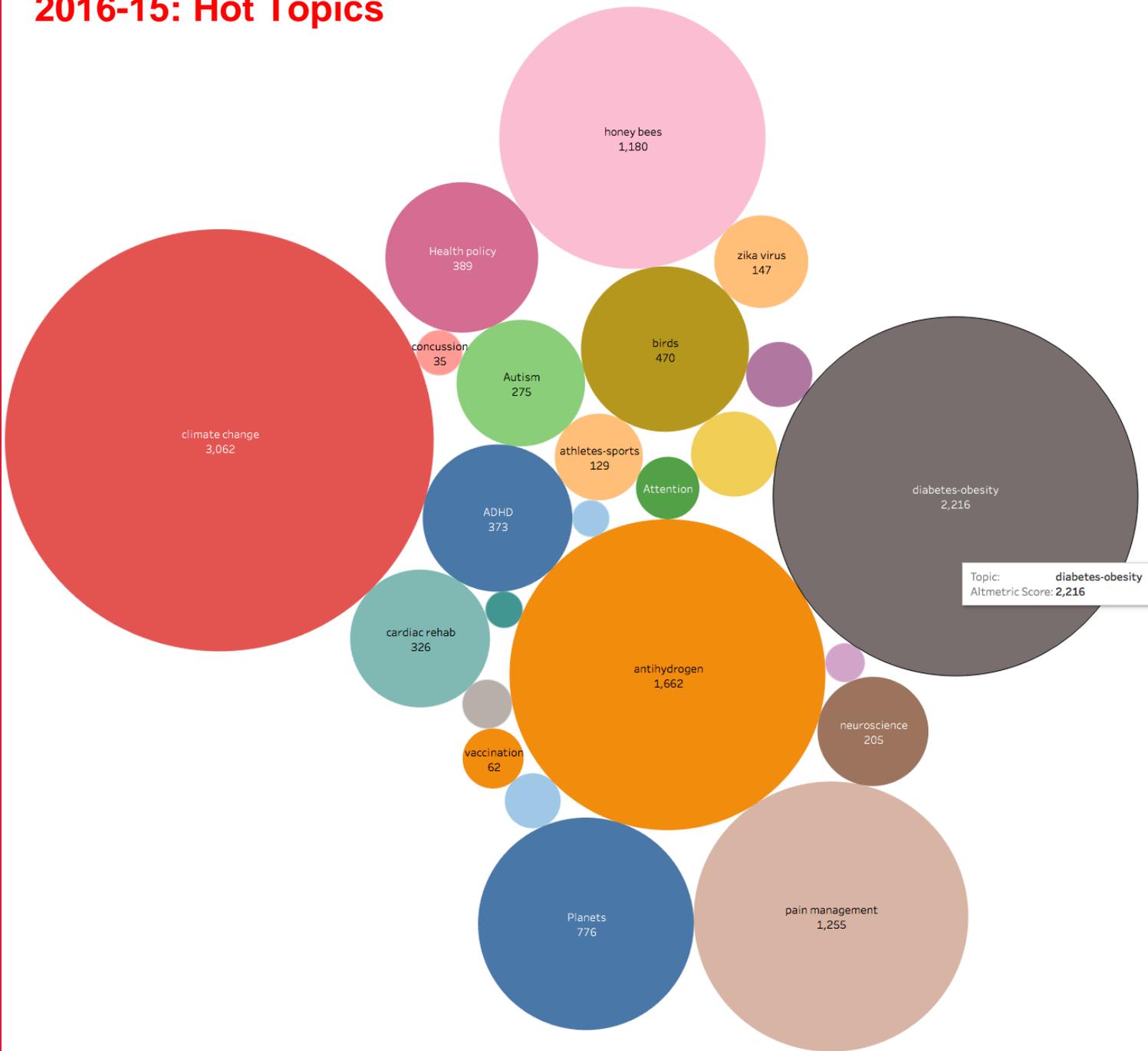
- Red: Subscription journal/Not OA
- Green: Open Access
- Blue: Open PMC
- Light Green: Open (YorkSpace)
- Purple : Open (Research Gate)

2016-15

Google Scholar/AAS/News Outlets



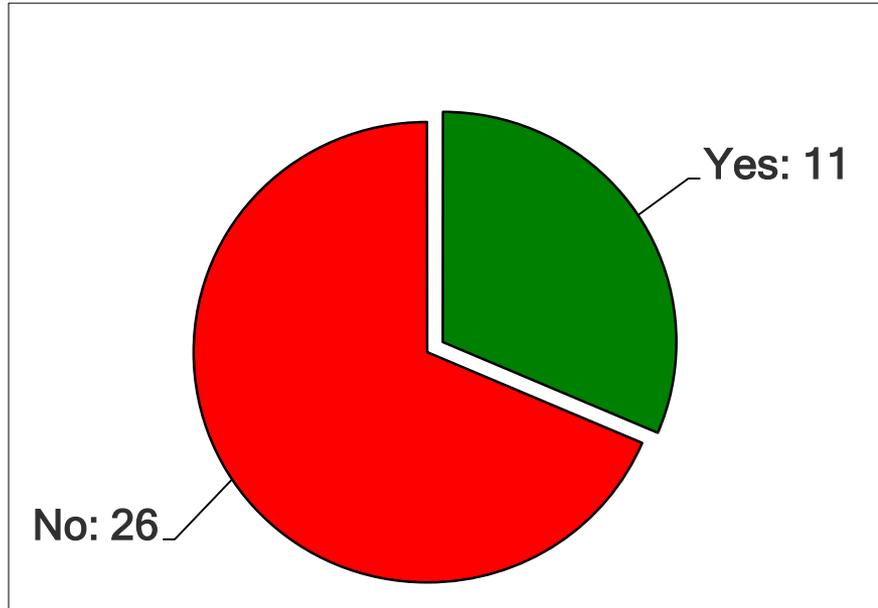
2016-15: Hot Topics



- Topic
- ADHD
 - ageing
 - antihydrogen
 - athletes-sports
 - Attention
 - Autism
 - birds
 - butterfly/pesticides
 - cancer
 - cardiac rehab
 - climate change
 - concession
 - diabetes-obesity
 - fish physiol
 - Health policy
 - honey bees
 - media coverage
 - motor-vehicle collisi..
 - neuroscience
 - pain management
 - Planets
 - sound physiol.
 - vaccination
 - zika virus

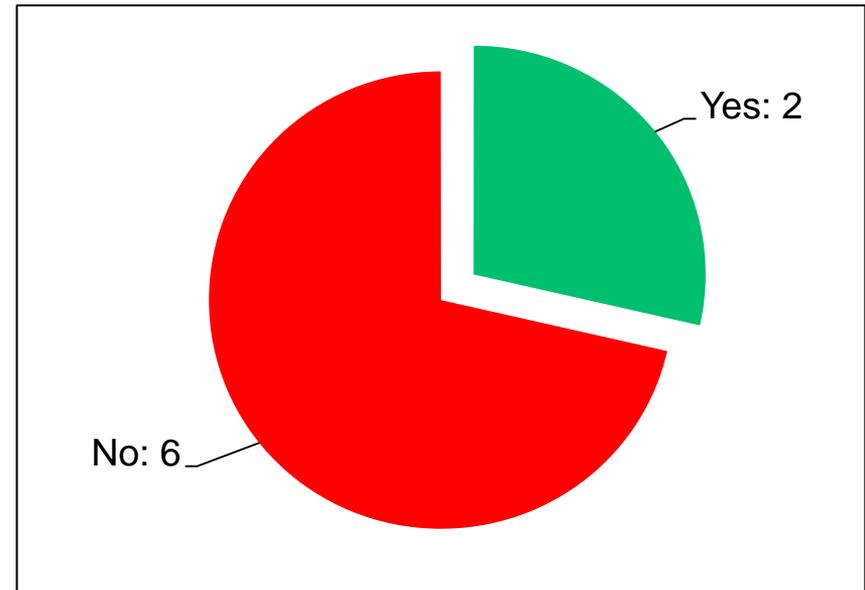
Helping Connect with Faculty: Research Metrics

Were you aware: You are famous!!

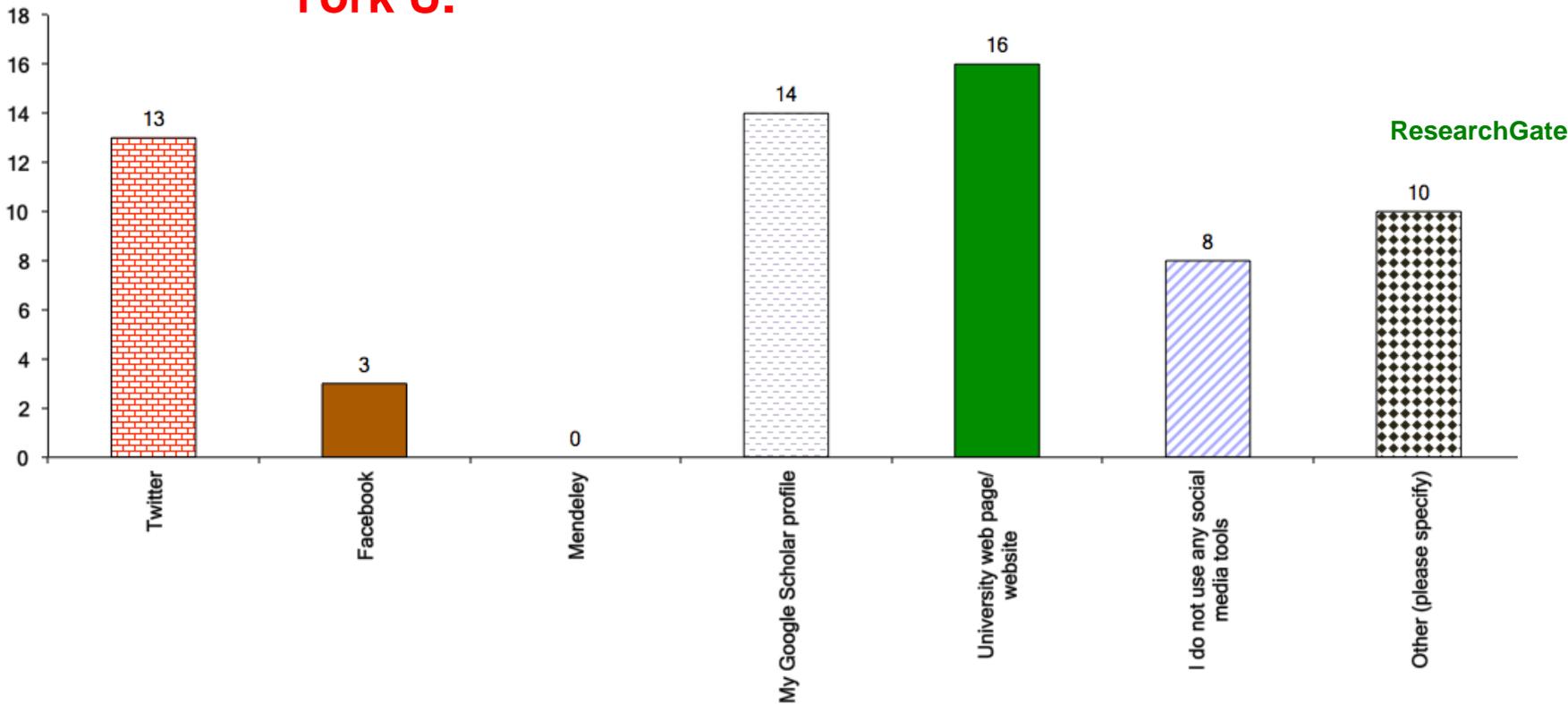


York U.

Ryerson U.

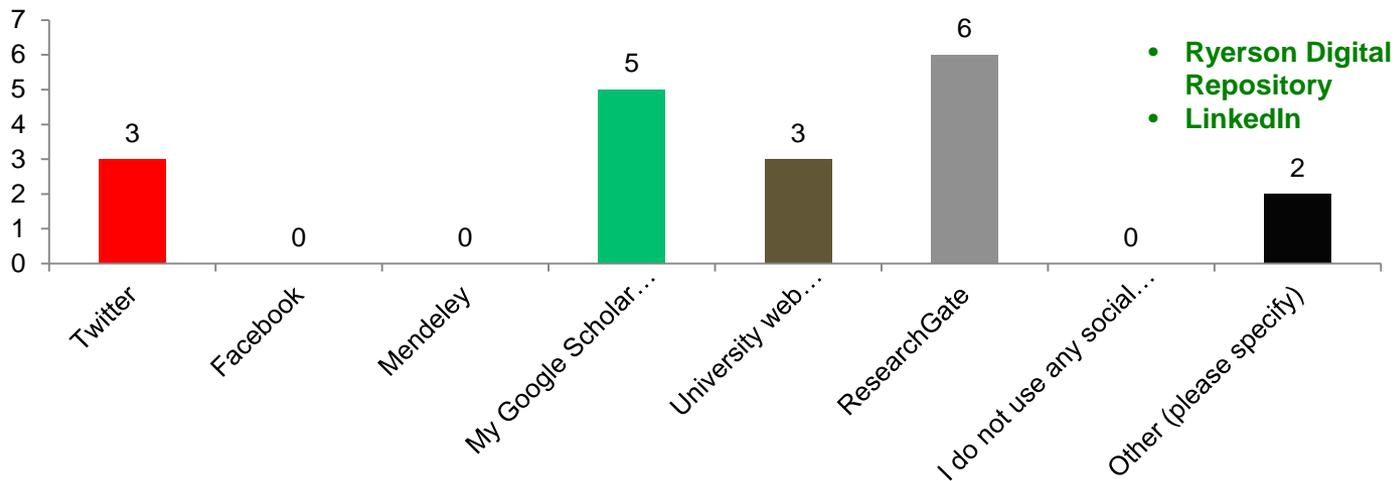


York U.



ResearchGate

Promoting my research.....

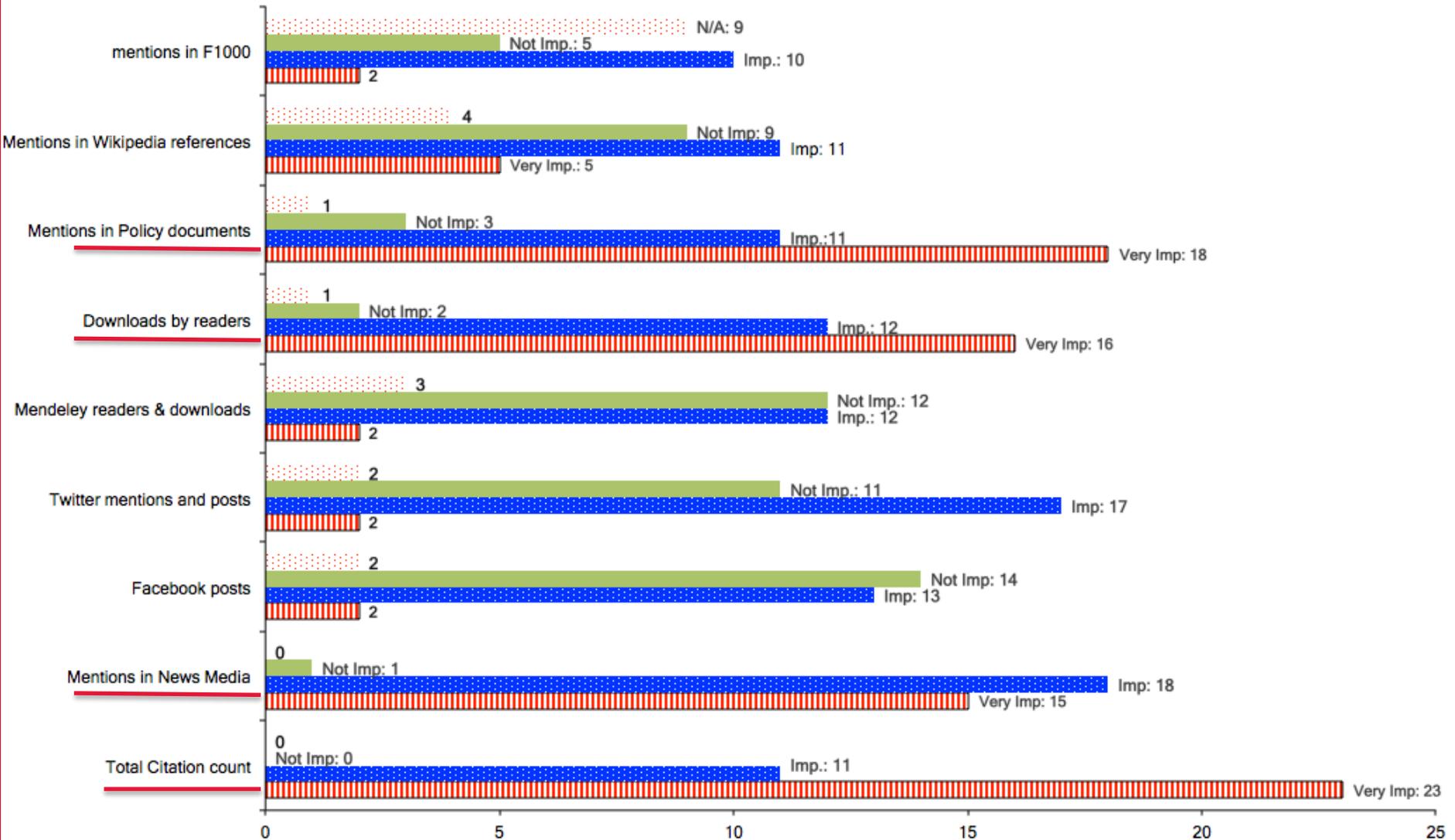


- Ryerson Digital Repository
- LinkedIn

Ryerson U.

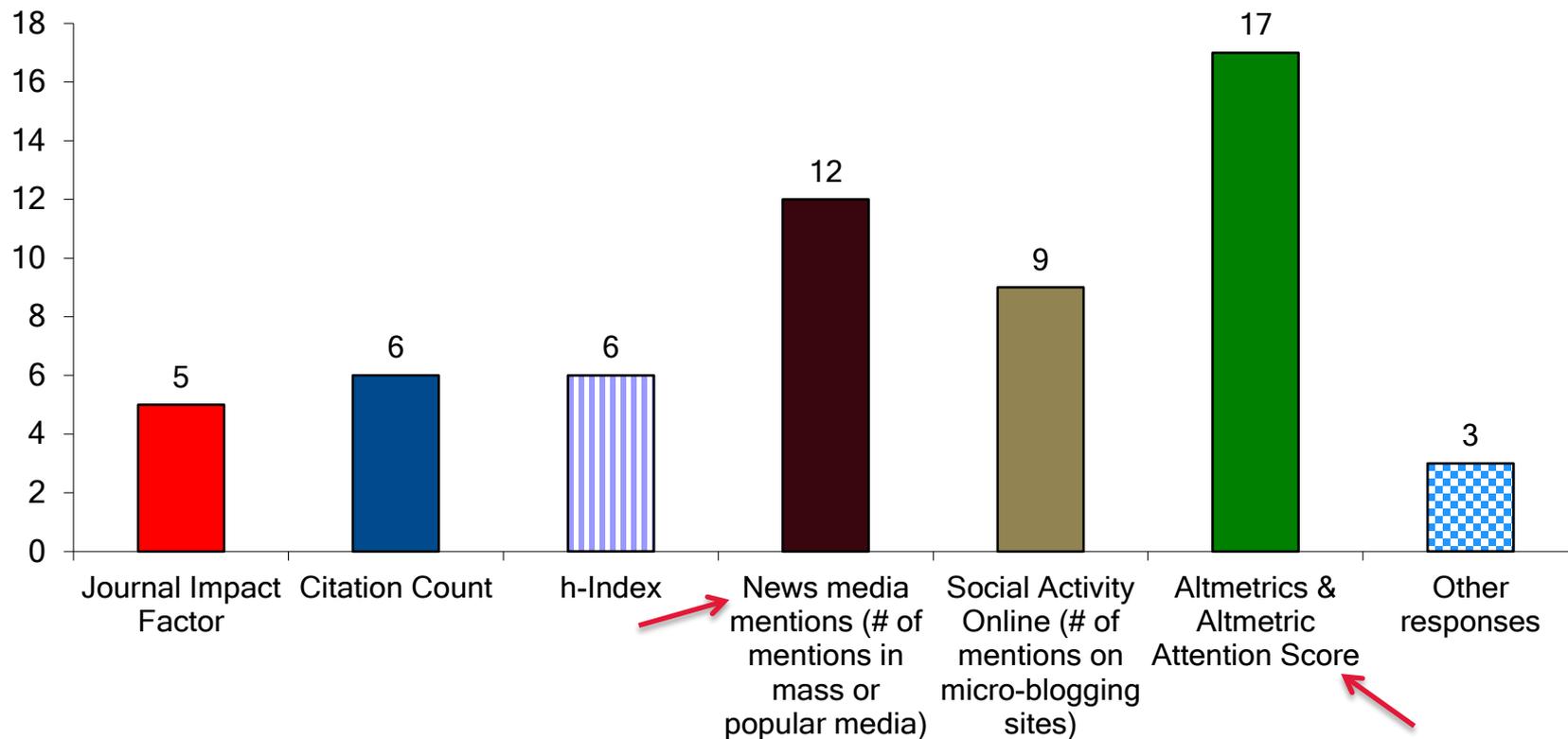
YU: After knowing about AAS: Importance of statistics

How important are the following statistics [for your article(s)]



YU: What metrics do they want to know about

I would be interested in knowing more about these research impact metrics



I learned a lot - good luck with this research :)!

3/7/2017 11:50 AM

[View respondent's answers](#)

[Categorize as...](#) ▼

I am gratified that efforts are being made to develop this tool to quantify the impact of research. The h-index can be very misleading.

1/23/2017 6:05 PM

[View respondent's answers](#)

[Categorize as...](#) ▼

Interesting, important and contentious topic to explore...the landscape is changing quickly too which makes it hard for academics

1/10/2017 4:01 PM

[View respondent's answers](#)

[Categorize as...](#) ▼

i appreciate that the librarians teach us how us faculty can determine the impact of our work in these traditional and non-traditional ways

I like the idea, but it should be used carefully. Tweets and FB posts can be done by the general public without a scientific background and it can be amplified as a hype ("get viral") without real scientific relevance.

3/7/2017 1:00 PM

[View respondent's answers](#)

[Categorize as...](#) ▼

I wonder if something like altmetrics could serve as an alternative indicator of the interest and reach of my work to help sell a book proposal? Do you have any ideas about the kind of alternative metrics that could be assembled to help me in this regard. For example can altmetrics generate a score for a researcher not just an individual paper?

They can be over-rated (over-inflated) and should be used with caution. Some scientists are better at "marketing/advertising" than others.

Altmetrics: Final points

- Collection Development & research landscape at YU
- Using these metrics judiciously
- Altmetrics scores for other papers:
Bookmarklet

<https://www.altmetric.com/products/free-tools/bookmarklet/>



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Article insights for individual researchers

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2. Visit any paper
3. Get article level metrics with a single click

