



# Showcasing Research Altmetric Explorer for Media & Comms

David Ellis – Press, PR & Social Manager, Digital Science

# Your presenter



## DAVID ELLIS

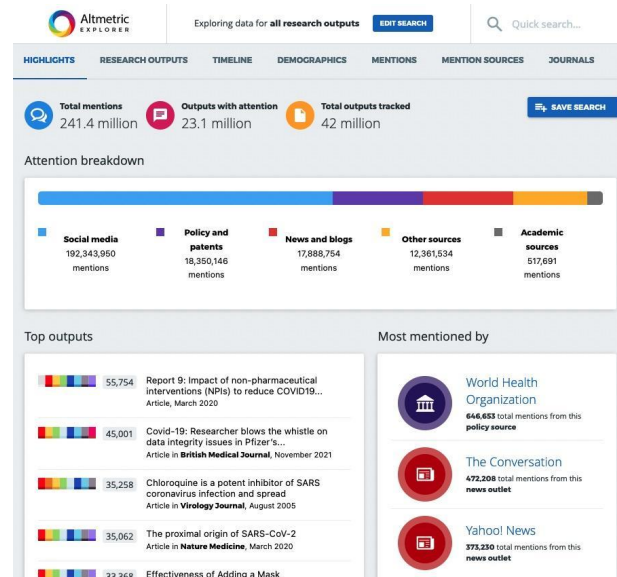
Press, PR & Social Manager  
Digital Science

- 30 years' experience in media and communications
- Previously with University of Adelaide media & comms
- Altmetric Explorer user since 2016

# In this session

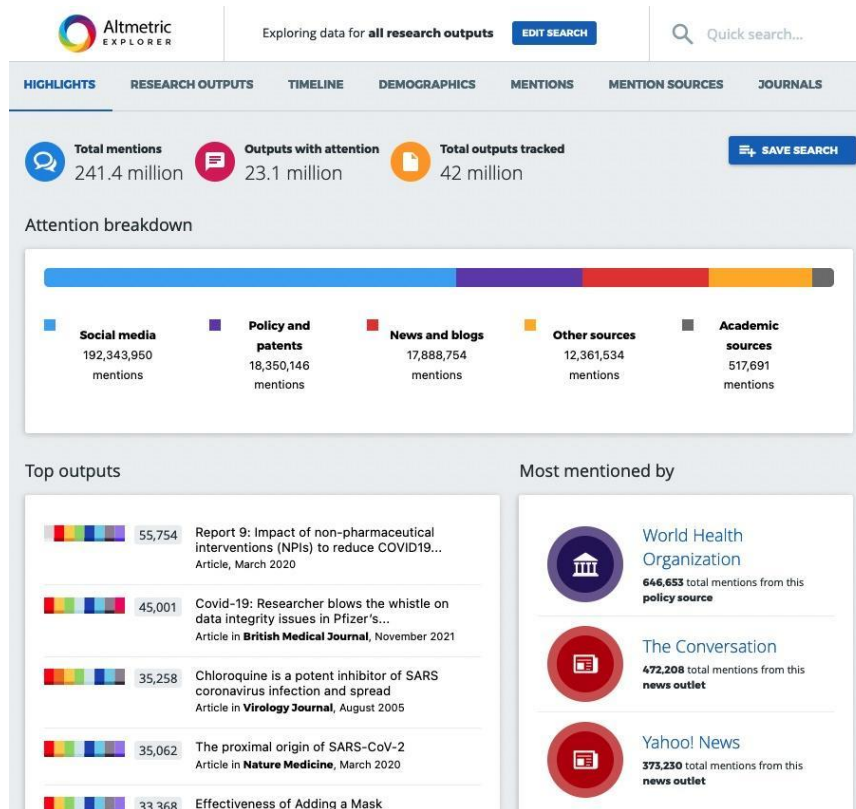
## Using Altmetric Explorer to

- Discover and assess published research content
- Find journalists for targeted distribution lists
- Report on reach and influence of publicity



# Why Altmetric Explorer?

- Additional resource for discovering published research
- Field-specific content search
- Assess newsworthiness and strategic fit
- Delve deeper into what's happening behind-the-scenes



# Discovering content

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# Advanced (but easy!) search

## Research outputs

### KEYWORDS

[WHAT IS THIS?](#)

Enter a title, author name, editor name, and/or journal

### SUBJECTS (FOR CLASSIFICATION)

[WHAT IS THIS?](#)

Enter one or more subjects (e.g. "4406" or "Human Geography")

### AFFILIATION (GRID)

[WHAT IS THIS?](#)

Enter the name of an organization or a GRID ID.

### TITLE OF OUTPUT

[WHAT IS THIS?](#)

e.g., "Good vibrations: the role of music in Einstein's thinking"

### SUSTAINABLE DEVELOPMENT GOALS

[WHAT IS THIS?](#)

Enter the name of a Sustainable Development Goal

## Publishers, journals, and collections

### PUBLISHER NAME

[WHAT IS THIS?](#)

Enter one or more publisher names

### DOI PREFIX

[WHAT IS THIS?](#)

Enter one or more DOI prefixes, e.g., 10.6084

### JOURNAL OR COLLECTION

[WHAT IS THIS?](#)

e.g., Physics Letters, arXiv, figshare, 0028-0836

or

PASTE A LIST OF JOURNAL ISSNS

### FUNDER NAME

[WHAT IS THIS?](#)

Enter one or more funder names or GRID IDs.

### HANDLE PREFIX

[WHAT IS THIS?](#)

Enter one or more Handle prefixes.

## Dates

### PUBLICATION DATE

[WHAT IS THIS?](#)

From mm / dd / yyyy

to mm / dd / yyyy

### ALTMETRIC MENTIONS DURING

[WHAT IS THIS?](#)

CLEAR FIELDS

RUN SEARCH



# Institutional search - from 1 Jan 2023

## AFFILIATION (GRID)



UNIVERSITY OF MELBOURNE

I and 2023-02-24 affiliated with University of Melbourne

EDIT SEARCH



Quick search...

MENTION SOURCES

JOURNALS



Showing 1,669 research outputs from the results of your search query. Of those, 1,190 have been mentioned.

EXPORT THIS TAB



SAVE SEARCH



Sort by: Publication date (Newest first)

Next →



Comparative Proteomics of Outer Membrane Vesicles from Polymyxin-Susceptible...

Article in *mSphere*, February 2023



Impact of Concomitant Mitral Regurgitation on the Hemodynamic Indicators of...

Article in *Journal of the American Heart Association Cardiovascular and Cerebrovascular Disease*, February 2023



Variational Bayes for Fast and Accurate Empirical Likelihood Inference

Article in *Journal of the American Statistical Association*, February 2023



Evaluation of Maternal Infection During Pregnancy and Childhood Leukemia Among...

Article in *JAMA Network Open*, February 2023



Short Message Service Reminder Nudge for Parents and Influenza Vaccination...

Article in *JAMA Pediatrics*, February 2023



Muscle biopsy practices in the evaluation of neuromuscular disease: A...

Article in *Neuropathology & Applied Neurobiology*, February 2023



When time is running out: A growth curve analysis of older workers' retirement...

Article in *Journal of Organizational Behavior*, February 2023



Modular Metal-Quinone Networks with Tunable Architecture and Functionality

Article in *Angewandte Chemie. International Edition*, February 2023



Modular Metal-Quinone Networks with Tunable Architecture and Functionality

Article in *Angewandte Chemie*, February 2023



Circulating effector  $\gamma\delta$  T cell populations are associated with acute...

Article in *Immunology & Cell Biology*, February 2023



Conflation between self-report and neurocognitive assessments of cognitive...

Article in *Australian Journal of Psychology*, February 2023



Young-onset dementia diagnosis, management and care: a narrative review

Article in *Medical Journal of Australia*, February 2023



Influence of comorbidity on mortality in patients with epilepsy and psychogenic...

Article in *Epilepsia*, February 2023



Absence of Improvement With Exercise in Some Patients With Knee Osteoarthritis...

Article in *Arthritis Care & Research*, February 2023



From Remotely-Sensed SIF to Ecosystem Structure, Function, and Service: Partl...

Article in *Global Change Biology*, February 2023



Effect of persuasive messaging about COVID-19 vaccines for 5- to 11-year-old...

Article in *Journal of Paediatrics & Child Health*, February 2023



Research Buddy partnership in a MD-PhD program: lessons learned

Article in *Research Involvement and Engagement*, February 2023



Review and comparison of retinal vessel calibre and geometry software and their...

Article in *Graefe's Archive of Clinical & Experimental Ophthalmology*, February 2023

# Find out more about a new paper

## Altmetric Details Page



### About this Attention Score

In the top 25% of all research outputs scored by Altmetric

MORE...

### Mentioned by

10 tweeters

### Tools

Open in a new tab

### SUMMARY

Twitter

**Title** When time is running out: A growth curve analysis of older workers' retirement intentions  
**Published in** Journal of Organizational Behavior, February 2023  
**DOI** 10.1002/job.2692 [Link](#)  
**Authors** Christina Cregan, Carol T. Kulik, Sanjeewa Perera, Shruti Sardeshmukh

### TWITTER DEMOGRAPHICS

The data shown below were collected from the profiles of 10 tweeters who shared this research output. [Link](#)



Received: 4 February 2022 | Revised: 17 January 2023 | Accepted: 22 January 2023  
DOI: 10.1002/job.2692

## RESEARCH ARTICLE

# When time is running out: A growth curve analysis of older workers' retirement intentions

Christina Cregan<sup>1</sup> | Carol T. Kulik<sup>2</sup> | Sanjeewa Perera<sup>2</sup> | Shruti Sardeshmukh<sup>2</sup>

<sup>1</sup>Department of Management and Marketing,  
University of Melbourne, Parkville, VIC,  
Australia

<sup>2</sup>UniSA Business, University of South Australia,  
Adelaide, SA, Australia

### Correspondence

Christina Cregan, Department of Management  
and Marketing, University of Melbourne,  
Parkville, VIC, Australia.  
Email: ccregan@unimelb.edu.au

### Funding information

This research was supported by a grant from  
the Australian Research Council (Discovery  
1093700).

### Summary

Using dynamic theory and methods, we investigate the phenomenon of older workers who withdraw from paid work while still healthy. We focus on intention to retire as the penultimate stage in the retirement process. We extend socio-emotional selectivity theory to explain the growth of intention to retire. Older workers have a rising perception of time running out but good health allows for an ongoing choice between remaining in work or active retirement. While, in general, older people in poor health have a greater intention to retire than those in good health, we hypothesize that the passage of time motivates the healthy to increase their intention to retire, especially when manager support is low. We examine longitudinal data consisting of three waves of survey responses (2011, 2012, and 2013) from 495 workers in their 50th year and older. We employ growth curve analysis (random coefficient modeling). The findings show that over a 2-year period, in contrast to other older workers whose retirement intention remains stable, individuals in consistently good health but with low manager support demonstrate a growth in intention to retire. That is, we identify the "queue jumpers": those workers who speeded up their retirement process relative to other older workers.



# Institutional search - specific topic (AI)

KEYWORDS

artificial intelligence


SUBJECTS (FOR CLASSIFICATION)

Enter one or more subjects (e.g. "4

AFFILIATION (GRID)

X

UNIVERSITY OF MELBOURNE

Altmetric  
EXPLORER

Exploring data for **articles** with keywords containing **artificial intelligence** published between **2020-01-01** and **2023-02-24** affiliated with **University of Melbourne**

EDIT SEARCH

Quick search...

HIGHLIGHTS

RESEARCH OUTPUTS

TIMELINE

DEMOGRAPHICS

MENTIONS

MENTION SOURCES

JOURNALS

Showing 81 research outputs from the results of your search query. Of those, 61 have been mentioned.

EXPORT THIS TAB

SAVE SEARCH

Sort by: Publication date (Newest first)

40	To ChatGPT or not to ChatGPT? The Impact of Artificial Intelligence on Academic...	1	Assessment of artificial intelligence (AI) reporting methodology in glioma MRI...	1	The methodology of studying fairness perceptions in Artificial Intelligence...
1	Article in <i>The Pediatric Infectious Disease Journal</i> , February 2023	1	Article in <i>Neuroradiology</i> , February 2023	1	Article in <i>International Journal of Human-Computer Studies</i> , February 2023
1	Radiology Education: Opportunities to Use Online Tools and Artificial...	1	An artificial intelligence framework for predicting fire spread sustainability...	1	Artificial Intelligence Implementation in Healthcare: A Theory-Based Scoping...
1	Article in <i>American Journal of Roentgenology</i> , January 2023	1	Article in <i>International Journal of Wildland Fire</i> , January 2023	1	Article in <i>International Journal of Environmental Research and Public Health</i> , December 2022
?	Socially Enhanced Situation Awareness from Microblogs Using Artificial...	1	Editorial: Clinical applications of artificial intelligence in retinal and...	?	The machines are learning: How artificial intelligence is already affecting...
?	Article in <i>ACM Computing Surveys</i> , November 2022	1	Article in <i>Frontiers in Medicine</i> , November 2022	?	Article in <i>Australian Journalism Review</i> , November 2022
?	How Often Does Artificial Intelligence System (Ivy) Select the Same Embryo for...	1	It's risk, Jim, but not as we know it: Identifying the risks associated with...	16	Artificial Intelligence and Deep Learning for Rheumatologists
?	Article in <i>Fertility &amp; Reproduction</i> , October 2022	1	Article in <i>Proceedings of the Human Factors and Ergonomics Society Annual Meeting</i> , October 2022	16	Article in <i>Arthritis &amp; Rheumatology</i> , October 2022
?	A FRAMEWORK TO INTEGRATE BIM WITH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING...	3	Acceptance and Perception of Artificial Intelligence Usability in Eye Care ...	1	The use and future perspective of Artificial Intelligence—A survey among German...
?	Article in <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , October 2022	3	Article in <i>Frontiers in Medicine</i> , October 2022	1	Article in <i>Frontiers in Public Health</i> , October 2022
5	Marketing analytics capability, artificial intelligence adoption, and firms'...	41	Artificial intelligence and smart vision for building and construction 4.0...	4	Better pharmacovigilance through artificial intelligence: What is needed to...
5	Article in <i>Industrial Marketing Management</i> , October 2022	41	Article in <i>Automation in Construction</i> , September 2022	4	Article in <i>Health Policy and Technology</i> , September 2022

# Finding media contacts

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# We need targeted media contacts



The Top 10 metaverse patent holders for the past five years, as reported by IALE Tecnología and IFI CLAIMS. See their full report here: [www.ificlaims.com/briefing-metaverse](http://www.ificlaims.com/briefing-metaverse)

Wednesday 20 July 2022

## ***Patent data reveals the reality of top innovators in the virtual world***

A new study by world leaders in patent data has revealed the companies that are poised to become the “Maestros of the Metaverse”, conducting the most innovations to underpin the 3D virtual reality space of the near future.

IFI CLAIMS – a Digital Science company dedicated to providing the world’s most trusted patent data for research, innovation and technology – says patent applications provide telling insights into the leaders of innovation.

# Search in Altmetric Explorer



The Top 10 metaverse patent holders for the past five years, as reported by IALE Tecnología and IFI CLAIMS. See their full report here: [www.ificlaims.com/briefing-metaverse](http://www.ificlaims.com/briefing-metaverse)

Wednesday 20 July 2022

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### Research outputs

#### KEYWORDS

Enter a title, author name, editor name, and/or journal

WHAT IS THIS?

### Research outputs

#### KEYWORDS

metaverse|

WHAT IS THIS?

WHAT IS THIS?


WHAT IS THIS?

### Research outputs

#### KEYWORDS

virtual reality health|

# Search results in Explorer



Altmetric  
EXPLORER

Exploring data for **all research outputs** with keywords containing **virtual reality health** published between **2020-06-01** and **2022-06-30**

EDIT SEARCH

Quick search...



















HIGHLIGHTSRESEARCH OUTPUTSTIMELINEDEMOGRAPHICSMENTIONSMENTION SOURCESJOURNALS

Showing **208 research outputs** from the results of your search query. Of those, **180** have been mentioned.

EXPORT THIS TABSAVE SEARCH

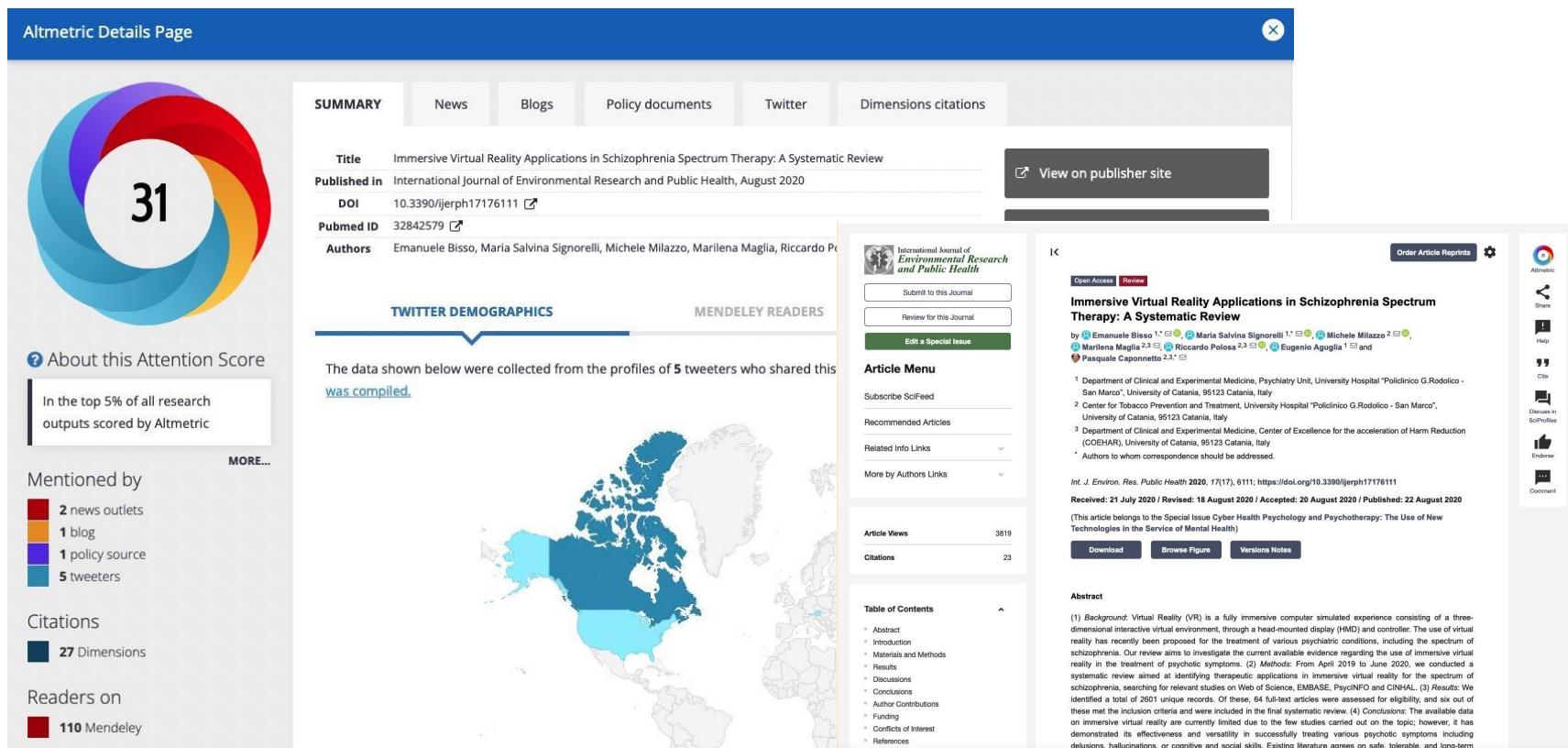
Sort by: Altmetric Attention Score (Highest first)

Next →

 <div>Ready Exerciser One : Effects of music and virtual reality on cycle ergometer... Article in <i>British Journal of Health Psychology</i>, June 2020</div>	 <div>The Effectiveness of Virtual Reality Exercise on Individual's Physiological... Article in <i>International Journal of Environmental Research and Public Health</i>, June 2020</div>	 <div>Three ways virtual reality could transform mental health treatment News story in <i>The Conversation</i>, February 2021</div>
 <div>Impact of the recreational use of virtual reality on physical and mental... Article in <i>Health and Technology</i>, February 2021</div>	 <div>Using Virtual Reality to Stimulate Healthy and Environmentally Friendly Food... Article in <i>International Journal of Environmental Research and Public Health</i>, January 2021</div>	 <div>Virtual Reality for Health Care Professionals During a Pandemic: A Pilot Program Article in <i>Journal of Primary Care &amp; Community Health</i>, March 2022</div>
 <div>Virtual Reality Simulated Learning Environments: A Strategy to Teach... Article in <i>Academic medicine</i>, June 2022</div>	 <div>Combining Virtual Reality and Behavioral Health to Promote Pain Resiliency... Article in <i>Pain and Therapy</i>, October 2021</div>	 <div>Virtual reality as a tool to promote wellbeing in the workplace Article in <i>DIGITAL HEALTH</i>, March 2022</div>
 <div>Freely Available Virtual Reality Experiences as Tools to Support Mental Health... Article in <i>Journal of Technology in Behavioral Science</i>, June 2021</div>	 <div>Virtual Reality for Supporting the Treatment of Depression and Anxiety: Scoping... Article in <i>JMIR Mental Health</i>, September 2021</div>	 <div>Annual Research Review: Immersive virtual reality and digital applied gaming... Article in <i>Journal of Child Psychology &amp; Psychiatry</i>, March 2021</div>
 <div>The Living Space: Psychological Well-Being and Mental Health in Response to... Article in <i>International Journal of Environmental Research and Public Health</i>, November 2021</div>	 <div>Virtual Reality–Based Psychotherapy in Social Anxiety Disorder: fMRI Study... Article in <i>JMIR Mental Health</i>, April 2021</div>	 <div>Virtual reality as a clinical tool in mental health research and practice Article in <i>Dialogues in Clinical Neuroscience</i>, April 2022</div>
 <div>Immersive Virtual Reality Applications in Schizophrenia Spectrum Therapy: A... Article in <i>International Journal of Environmental Research and Public Health</i>, August 2020</div>	 <div>Virtual Reality Exercise as a Coping Strategy for Health and Wellness Promotion... Article in <i>Journal of Clinical Medicine</i>, June 2020</div>	 <div>Virtual reality and mental health in older adults: a systematic review Article in <i>International Psychogeriatrics</i>, March 2021</div>

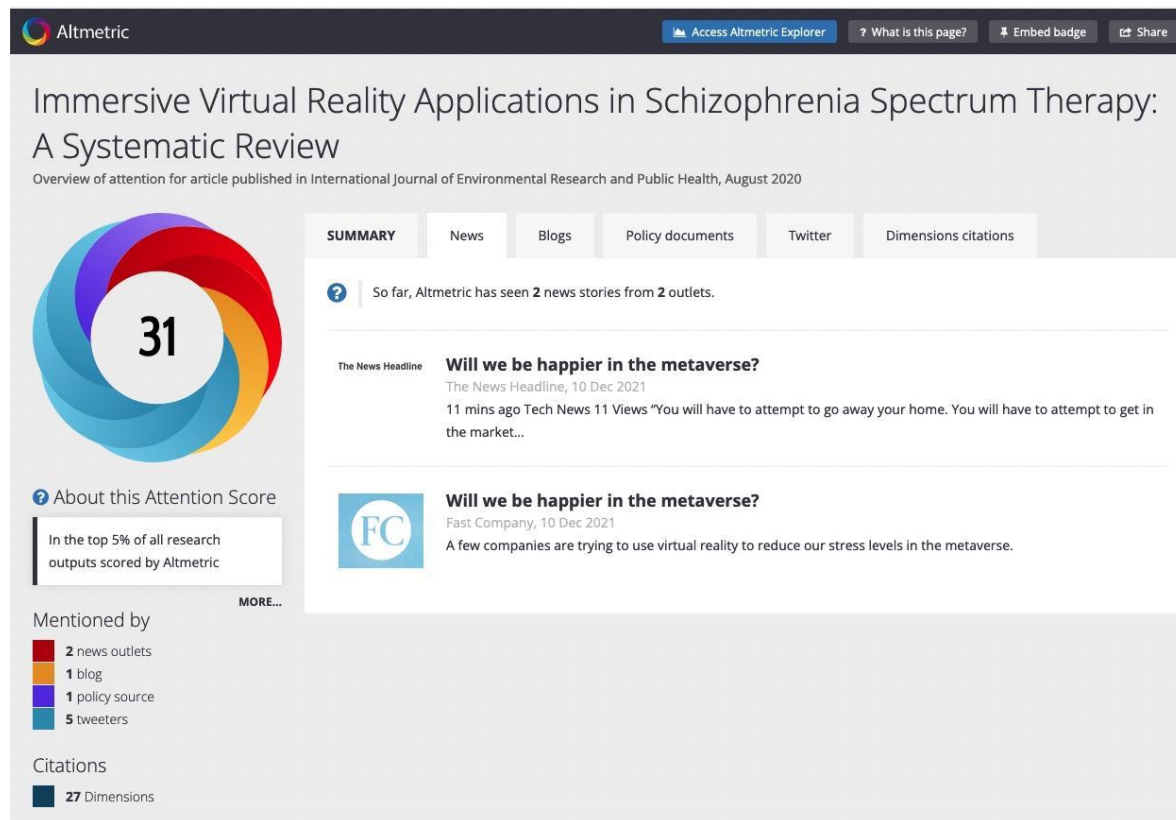


# One example: Virtual reality & mental health





# Finding the news stories



FAST COMPANY

CO.DESIGN TECH WORK LIFE NEWS IMPACT PODCASTS VIDEO INNOVATION FESTIVAL 3

## Will we be happier in the metaverse?

A few companies are trying to use virtual reality to reduce our stress levels in the metaverse. What could go wrong?

BY RUTH READER 9 MINUTE READ

FAST COMPANY



[Photo: courtesy of Sensorium]



BY RUTH READER 9 MINUTE READ

"You should try to leave your house. You should try to get out there and meet people. I mean, you could go on a date or take a walk in the park. Anything will help," says David, a young

## RUTH READER

RUTH READER IS A WRITER FOR FAST COMPANY. SHE COVERS THE INTERSECTION OF HEALTH AND TECHNOLOGY.

RSS

TECH

### In a post-'Roe' world, abortion pills won't be enough

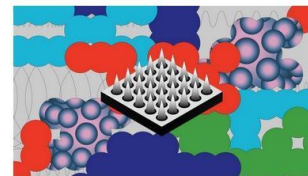
Medication abortion is a critical healthcare tool, but providers already face challenges with increasing restrictions, and patients have to contend with high cost and logistical hurdles.



IMPACT

### This 3D-printed patch delivers potent—and painless—vaccines

Equipped with 100 microneedles, a 3D printed vaccine patch from DeSimone Research Group—a winner of Fast Company's 2022 World Changing Ideas Awards—can be painlessly applied like a Band-Aid.



TECH

### Psychedelic companies are betting big on ketamine as the next



# Confirming contacts

← **Ruth** ✓  
1,447 Tweets



**Ruth** ✓  
@RuthReader

health tech @politico tips no pitches to reader (at) [politico.com](mailto:politico.com), dm for signal, [ruthreader@journa.host](mailto:ruthreader@journa.host)

📍 New York, USA 🌐 [ruthreader.com](http://ruthreader.com) 📅 Joined January 2011

1,448 Following 7,835 Followers

**POLITICO**

## RUTH READER

Follow @ruthreader

Ruth Reader is a reporter at POLITICO covering the intersection of health care and technology. Before joining POLITICO, she worked at Fast Company, where she spent six years as a reporter covering tech companies and startups. She has also worked as a reporter at VentureBeat, Mic.com and the late Baltimore City Paper, as well as a producer for New York Public Radio, Voice of America in D.C. and CBS Baltimore. She is now based in New York.



*Politico's coverage of  
metaverse patents in  
health — IFI CLAIMS &  
partner IALE Tecnología*

Audience: 17.9 million

## POLITICO

### **Promise and peril in the health care metaverse**

By RUTH READER and BEN LEONARD | 08/24/2022 10:00 AM EDT

#### THE BIG IDEA

Some 400 health care patents have a connection to the metaverse, the immersive realm that blends virtual and physical reality, according to IFI Claims, a Connecticut company that tracks intellectual property.

Companies with patents include IBM, Microsoft, Medtronic, Siemens, and Chinese telehealth firm Ping An. The prospects for improving health care via the metaverse, from medical training to mental health therapy, are promising, but the field is still nascent. While the FDA focuses on mitigating harm to patients, experts say there are concerns about data privacy.



# Reporting

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# Example from Monash University

PDF Figures Save

## *In vitro* neurons learn and exhibit sentence when embodied in a simulated game-world

Brett J. Kagan <sup>1</sup> • Andy C. Kitchen • Nhi T. Tran • ... Ben Rollo • Adeel Razi • Karl J. Friston •

Show all authors • Show footnotes

Open Access • Published: October 12, 2022 • DOI: <https://doi.org/10.1016/j.neuron.2022.09.001> •



## MEDICINE, NURSING AND HEALTH SCIENCES

ABOUT STUDY RESEARCH PARTNERSHIPS MORE :

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## Brain cells in a dish learn to play Pong

13 October 2022

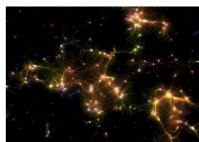
Live biological neurons show more about how a brain works than AI ever will.

A Melbourne-led team has for the first time shown that 800,000 brain cells living in a dish can perform goal-directed tasks – in this case the simple tennis-like computer game, Pong. The results of [the study](#) are published in the journal *Neuron*.

Now they are going to find out what happens when their DishBrain is affected by medicines and alcohol.

"We have shown we can interact with living biological neurons in such a way that compels them to modify their activity, leading to something that resembles intelligence," says lead author Dr Brett Kagan, who is Chief Scientific Officer of biotech start-up Cortical Labs, dedicated to building a new generation of biological computer chips. Cortical Labs are based in Monash University's Department of Neuroscience at Central Clinical School. Dr Kagan's co-authors are affiliated with Monash University, RMIT University, University College London and the Canadian Institute for Advanced Research

"DishBrain offers a simpler approach to test how the brain works and gain insights into debilitating conditions such as epilepsy and dementia," says Dr Hon Weng Chong, Chief Executive Officer of Cortical Labs.



*'Dishbrain' under the microscope. A microscopy image of neural cells where fluorescent markers show different types of cells. Green marks neurons and axons, purple marks neurons, red marks dendrites, and blue marks all cells. Where multiple markers are present, colours are merged and typically appear as yellow or pink depending on the proportion of markers: <https://bit.ly/3INJ2W4>, credit Cortical Labs*

## Altmetric Details Page



### ? About this Attention Score

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

MORE...

### Mentioned by

- 365 news outlets
- 19 blogs
- 1330 tweeters
- 3 Facebook pages
- 1 Wikipedia page
- 7 Redditors
- 2 video uploaders

### Citations

- 15 Dimensions

### SUMMARY

News

Blogs

Twitter

Facebook

Wikipedia

**Title** In vitro neurons learn and exhibit sentence when embodied in a simulated game-world

**Published in** Neuron, December 2022

**DOI** 10.1016/j.neuron.2022.09.001

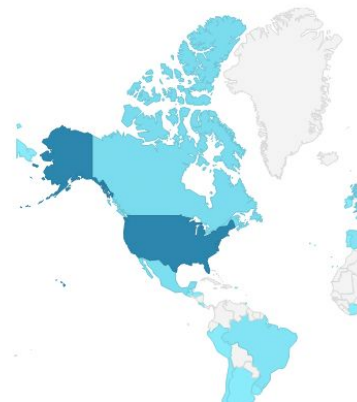
**Pubmed ID** 36228614

**Authors** Brett J. Kagan, Andy C. Kitchen, Nhi T. Tran, Forough Habibollahi, Moein Khajehnejad, Bradyn J...

### TWITTER DEMOGRAPHICS

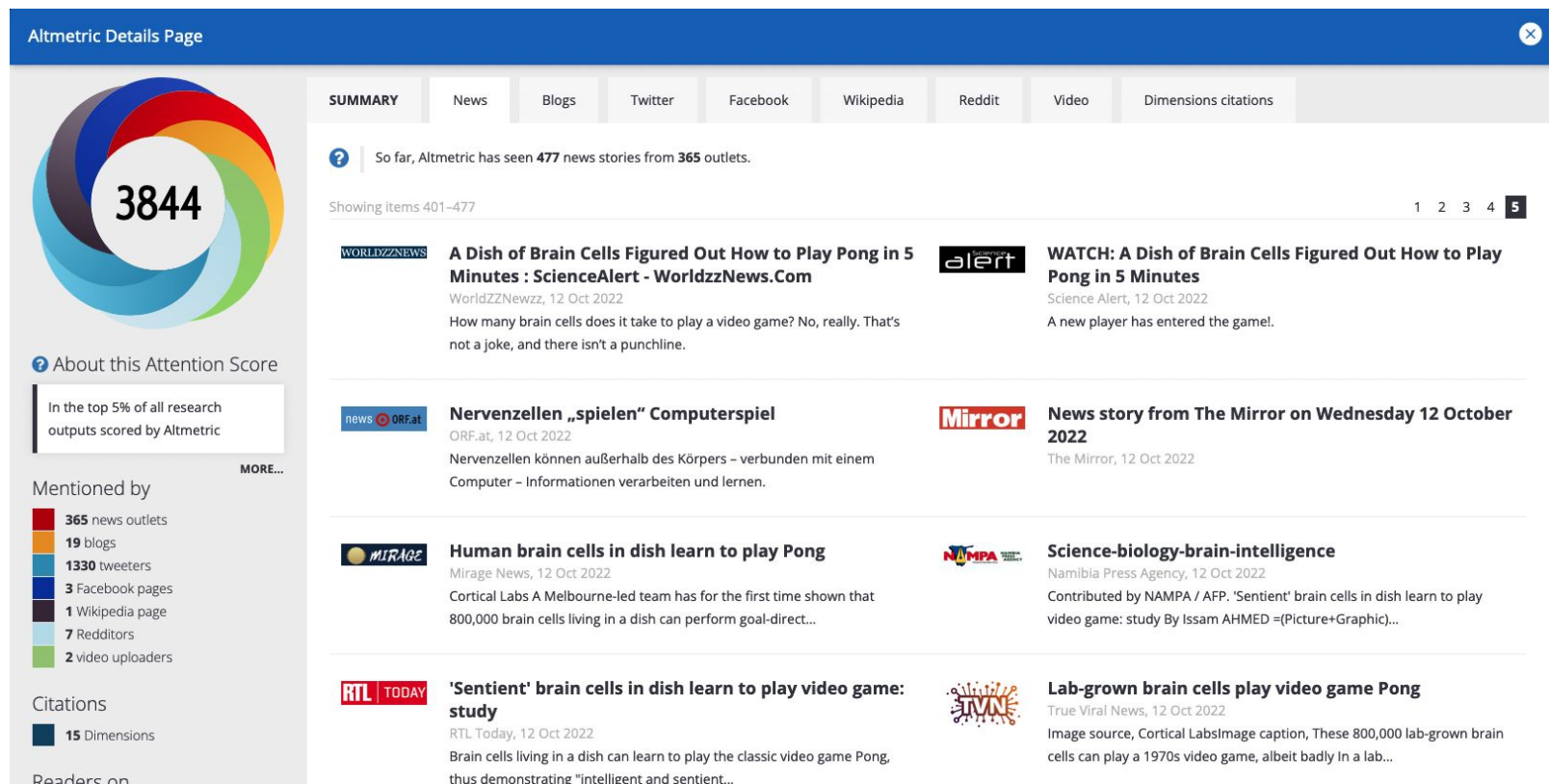
MENDELEY REAL

The data shown below were collected from the profiles of 1,330 tweeters who shared this rese





# News coverage tracked by Altmetric





Questions?



**Thank you**

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