

Wikimedia Platforms as a venue for sharing Science data

Grupo de usuários
WMB
Wiki Movimento Brasil

Amanda Jurno
Education Manager
amandajurno@wmnobrasil.org



Health

Brazil minister calls on parents to vaccinate children against polio

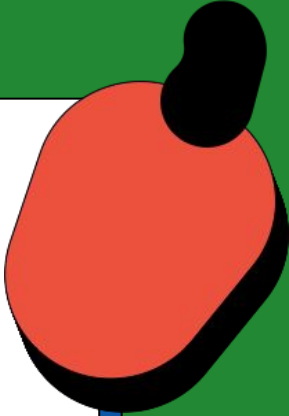
Vaccination was below the goal of 95% in the last campaign



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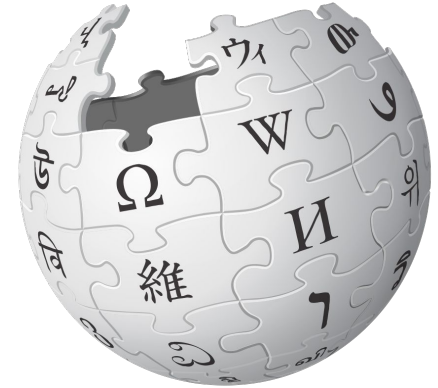
"In principle, we should be the most well-informed population in history with more peer reviewed research produced and published online than ever before. Yet, this research often fails to reach the wider public. Much research is still behind paywalls, or is not translated into other languages or summarized in plain language for a lay audience" (Poulter and Sheppard, 2020, p. 2).

Poulter, Martin, and Nick Sheppard. "Wikimedia and universities: contributing to the global commons in the Age of Disinformation." Insights the UKSG journal 33.1 (2020).

- More peer reviewed research produced and published online than ever before, but this research fails to reach the wider public.
- Much of it is still behind paywalls, is not translated into other languages or summarized in plain language for a lay audience
- Wikimedia Platforms are a special place for communicating science



- Not-for-profit; #7 most visited website in the world; 318 languages; 100% on CC
- A platform for communicating and dispersing scientific discoveries
 - Facilitates the spread of scientific discoveries by distilling the research findings and amplifies public values
 - Wikipedia citations are suggested as alternative metrics to academic's.
 - They also help to show the impact of funded research.

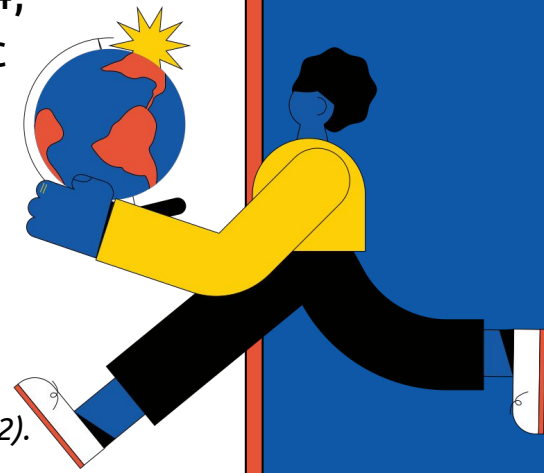


WIKIPEDIA

"For scholarly publications, being cited by Wikipedia acknowledges the authors' work that adds to their symbolic capital (Shuai et al., 2013). Wikipedia citation is suggested as an alternative metric (Altmetrics) to complement academic citations, which is criticized (among others) for neglecting the social impact of research outside academia (Priem, 2014; Priem et al., 2010). There is also evidence that academic citations and Wikipedia citations to scholarly publications are positively correlated (Heydari et al., 2019; Shuai et al., 2013)."

(Zheng, X., Chen, J., Yan, E., & Ni, C., 2022, p.2)

Zheng, Xiang, et al. "Gender and country biases in Wikipedia citations to scholarly publications." Journal of the Association for Information Science and Technology (2022).



"With its worldwide social impact and broad audience, Wikipedia also acts as a platform for communicating and dispersing scientific discoveries from academia to the public domain (Jemielniak & Aibar, 2016). It facilitates the spread of scientific discoveries by distilling the research findings, which are often oriented towards the research community and published in subscription-based journals, and amplifies their public values (Teplitskiy et al., 2017)".

(Zheng, X., Chen, J., Yan, E., & Ni, C., 2022, p.2)

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- Wikidata is a free, collaborative, multilingual, database that can be read and edited by humans and machines
- Public Domain Data (CC0);
- FAIR Principles.
 - Findable, Accessible, Interoperable, Reusable
- Academic profile: <https://scholia.toolforge.org/>
- Co-authoring graph: <https://w.wiki/33nM>
- Number of COVID19 cases in Brazil: <https://w.wiki/5v3p>



Wikipedia: #1 OER source

[Link](#)

Open copyright license required	Right of access, adaptation, and republication	Non-discriminatory (rights given to everyone, everywhere)	Does not limit use or form (does not include NonCommercial limitations)
			

- Can help students gain:
 - technical and information literacy;
 - scientific writing skills (write formal texts; gather truthful information and use references to support their writing).



- sharing situated scientific knowledge
- Put other perspectives into light
- Construct knowledge that represents every community in the world.

Image: Kati Szilágyi
for Wikimedia
Deutschland e.V.
[Link](#)

- Museum of Veterinary Anatomy of the University of São Paulo:
 - 700 images uploaded
- Center for Research, Innovation and Diffusion in Neuromathematics (NeuroMat) – Center for Research, Innovation and Diffusion (CEPID)
 - The largest institution in the world in the generation of mathematical content, by creating and editing on the Portuguese Wikipedia
- Both content accessed million of times per month by students all over the world.

[Link 1](#) , [Link 2](#)

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- Quality hearing health information available to all
 - Project carried by several universities, especially the Faculty of Odontology of the University of São Paulo.
- The Human Rights and Environment Wikicontest
 - Portuguese-speaking Wikipedia editing competition
 - creation and improvement of entries related to Human Rights and the Environment.

[Link 1](#); [Link 2](#)

Make Quality Hearing Health Information Available to All

Morata, Thais C. PhD; Chadha, Shelly PhD

[Author Information](#) ⓘ

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Wikipedia editors are “active co-creators of knowledge”

Files from Wikimedia Commons.
[Link](#)



Imagine a world in which every single human being can freely share in the sum of all knowledge.



Image: Author
Moheen Reeyad
[Link](#)



Obrigada!

Amanda Chevtchouk Jurno

AJurno (WMB)

amandajurno@wmnobraasil.org

[@amandajurno](#)