

UNISA



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The African Open Access portal as a Covid-19 information hub

UNISA Open Access Webinar | October 21, 2020

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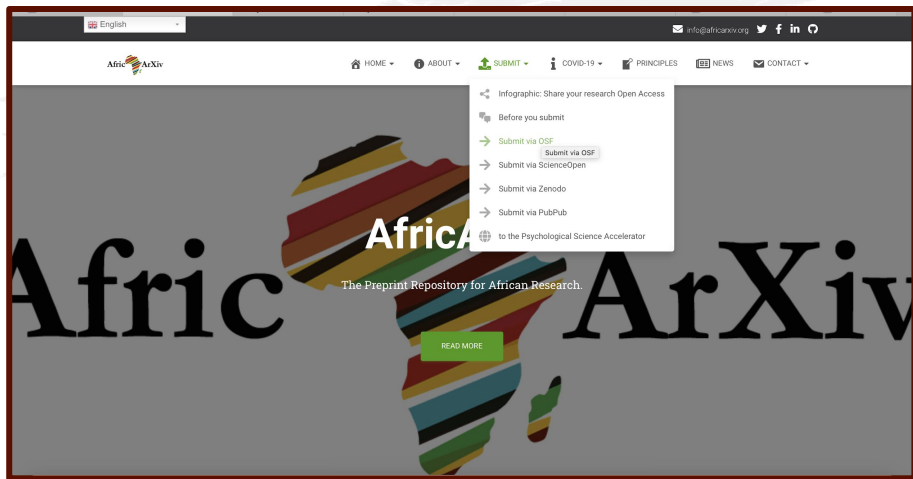


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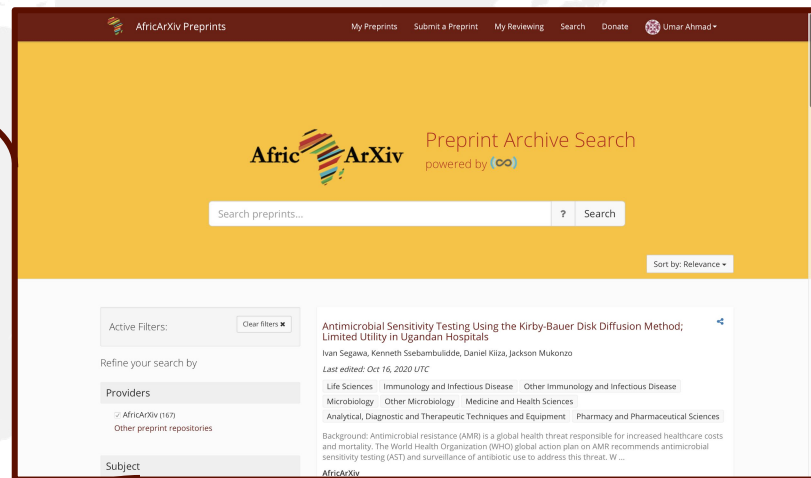
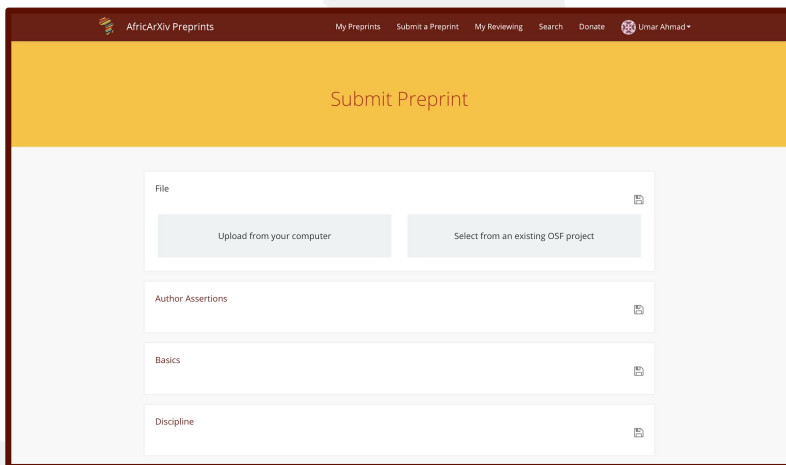
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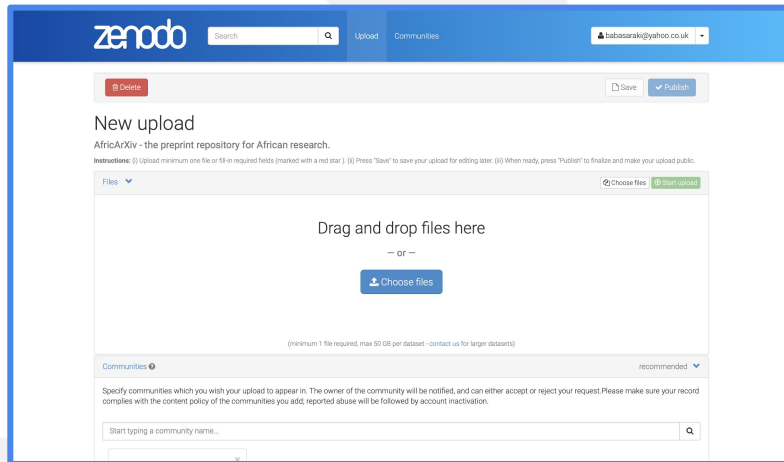
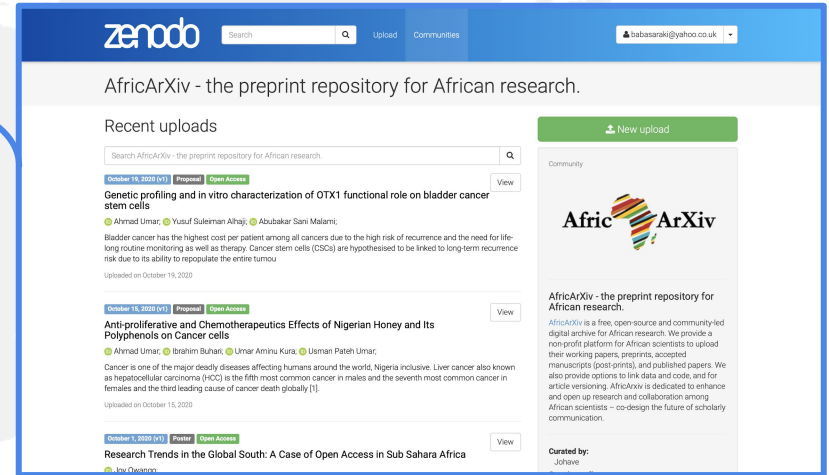
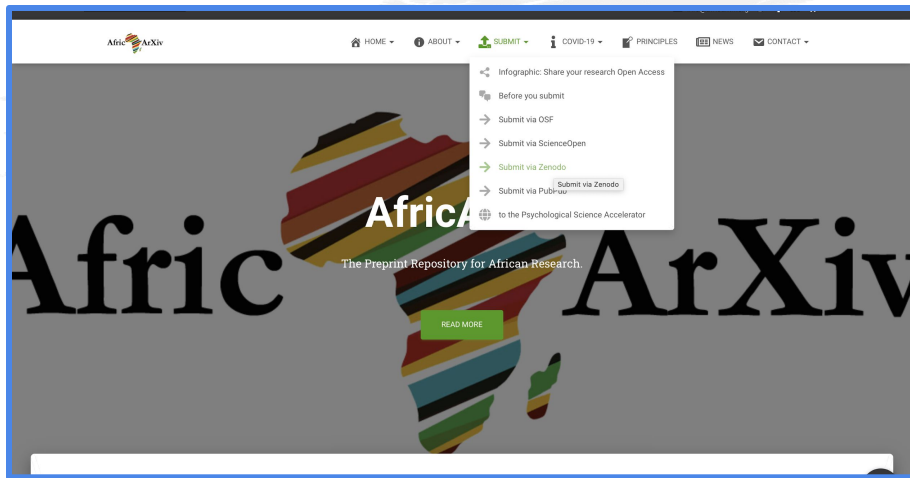
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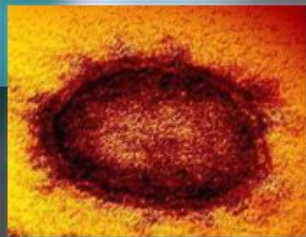


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Resources, ideas, and guidelines around the COVID-19 pandemic in Africa

- ? Q&A around COVID-19 in regional African languages
- 📺 Multilingual COVID-19 Information Videos
- 📄 ScienceOpen collection on 'COVID-19' and 'Africa' (ext. url) ←
- 📄 Harnessing the Open Science infrastructure for an efficient African response to COVID-19 [preprint]
- 🎓 African Science Literacy on COVID-19
- 📄 Lessons learned from the Ebola outbreak



COVID-19 Research in and about Africa

A collection of COVID-19 research articles dealing specifically with challenges and achievements on the African continent.

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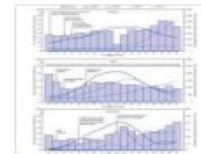
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Decreased Influenza Activity During the COVID-19 Pandemic — United States, Australia, Chile, and South Africa, 2020

Sonja Olsen, Eduardo Azziz-Baumgartner, Alicia Budd, Lynnette Brammer, Sheena Sullivan, 3 more... (2020)

After recognition of widespread community transmission of SARS-CoV-2, the virus that causes coronavirus disease 2019 (COVID-19), by mid- to late February

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Do you have questions about the novel coronavirus and how African researchers are responding to COVID-19? Our COVID-19 chatbot answers the most frequently asked questions.

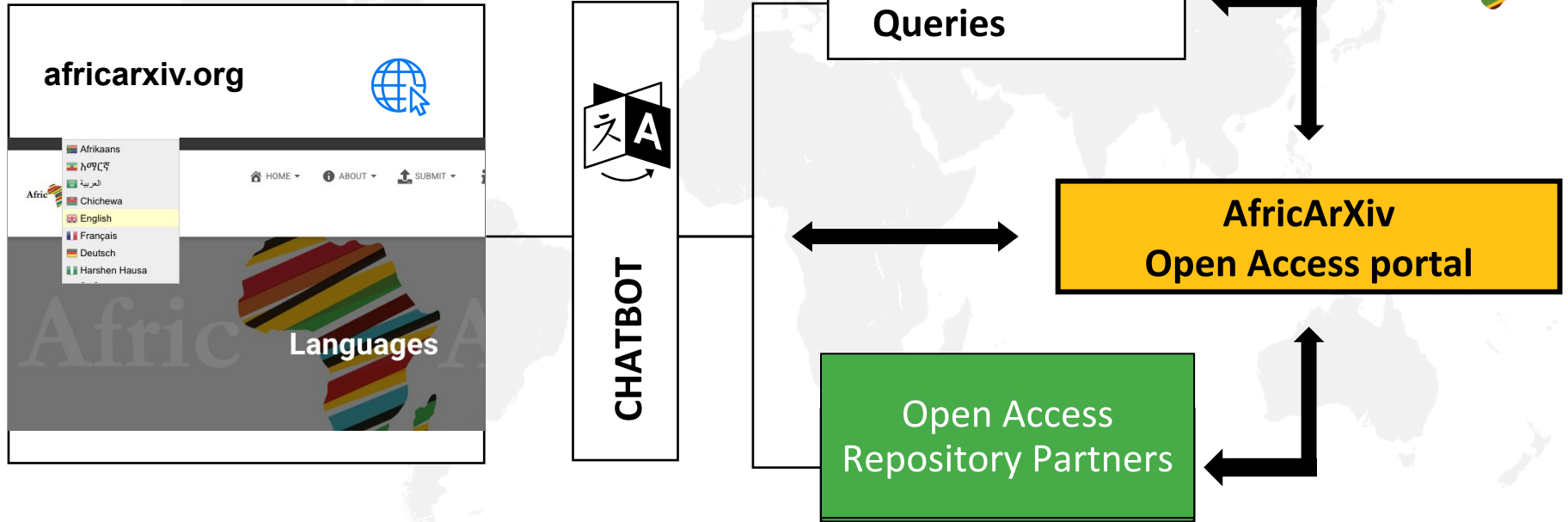
I might be infected

How can I prevent infection?

General info on COVID-19

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Data Flow Diagram (DFD)



Chatbot analysis

Since May 2020, the top 6 queries (of n=208) included (but not limited to) :-



Most frequent intents

information - ['corona']

infected - ['']

prevent - ['']

information - ['symptoms']

information - ['riskgroup']

contagious - ['']

Such data analyses can benefit organizations in both health and academia to gain better insights into conversations African Scholars is having around the novel COVID-19 outbreak.

African Scholar?

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Other notable insights from our datasets include:

1. 43.3% of users accessed our portal and chatbot using smartphones
2. 56.7% of users accessed our chatbot platform using a computer, desktop or laptop



Scientists and our research from and about Africa are becoming more widely discoverable

Thank You

Any questions?

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