Democratizing Higher Education in Zambia Through Open Access Data

Hosted By

Training Centre in Communication
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Guest Speakers

Daryl Naylor
Sales Director, EMEA
Digital Science (UK)

Mrs. Jane Chinkusu
The Director, Department of Science and Technology (DST), Ministry of Higher Education(Zambia)

Filipo Zulu
Acting Executive Secretary/CEO, National Science and Technology Council (Zambia)

11 MARCH 2021 | 11 AM EAT, 10 AM CAT

STREAMING ON LIVE

NSTC | Dimensions | DIGITAL science

Introducing Open Access Citation Database Dimensions

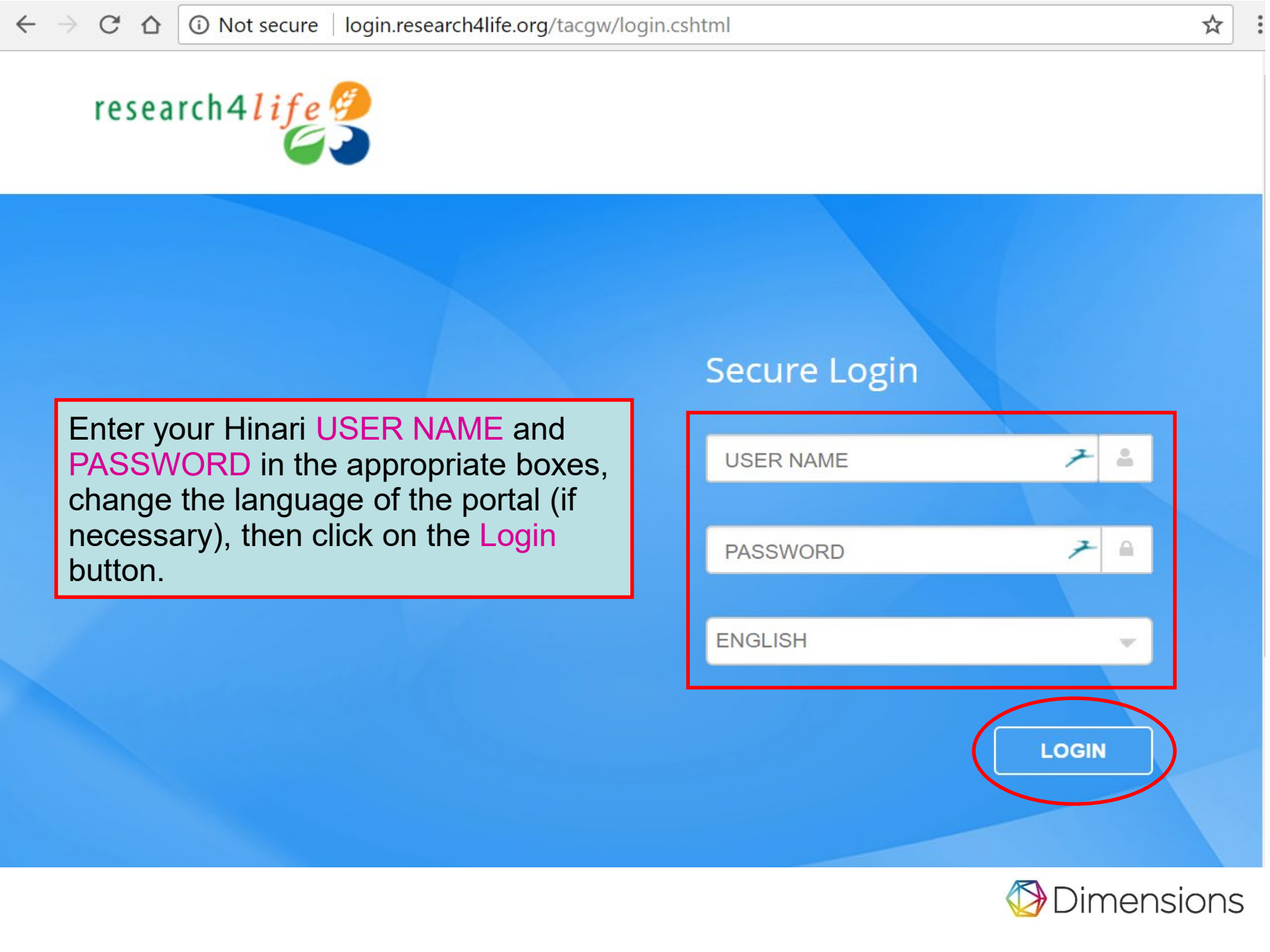
research4life

Dimensions

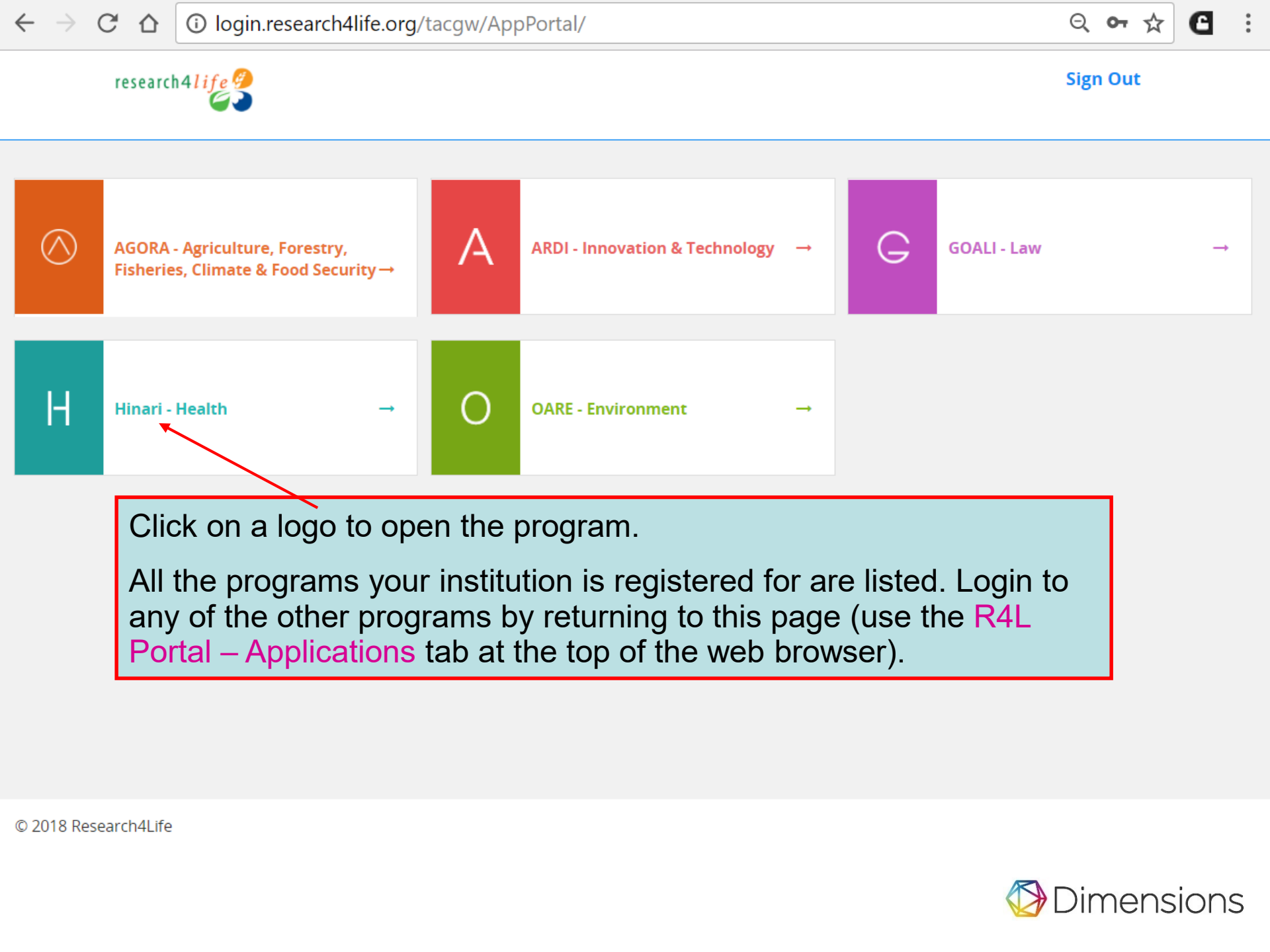
- Dimensions access through Research4Life is the same for all 5 programmes (Hinari, AGORA, GOALI, OARE and ARDI)
- From the **Content home** page, click on **Databases for discovery**, scroll down **Browse databases** screen and open Dimensions.

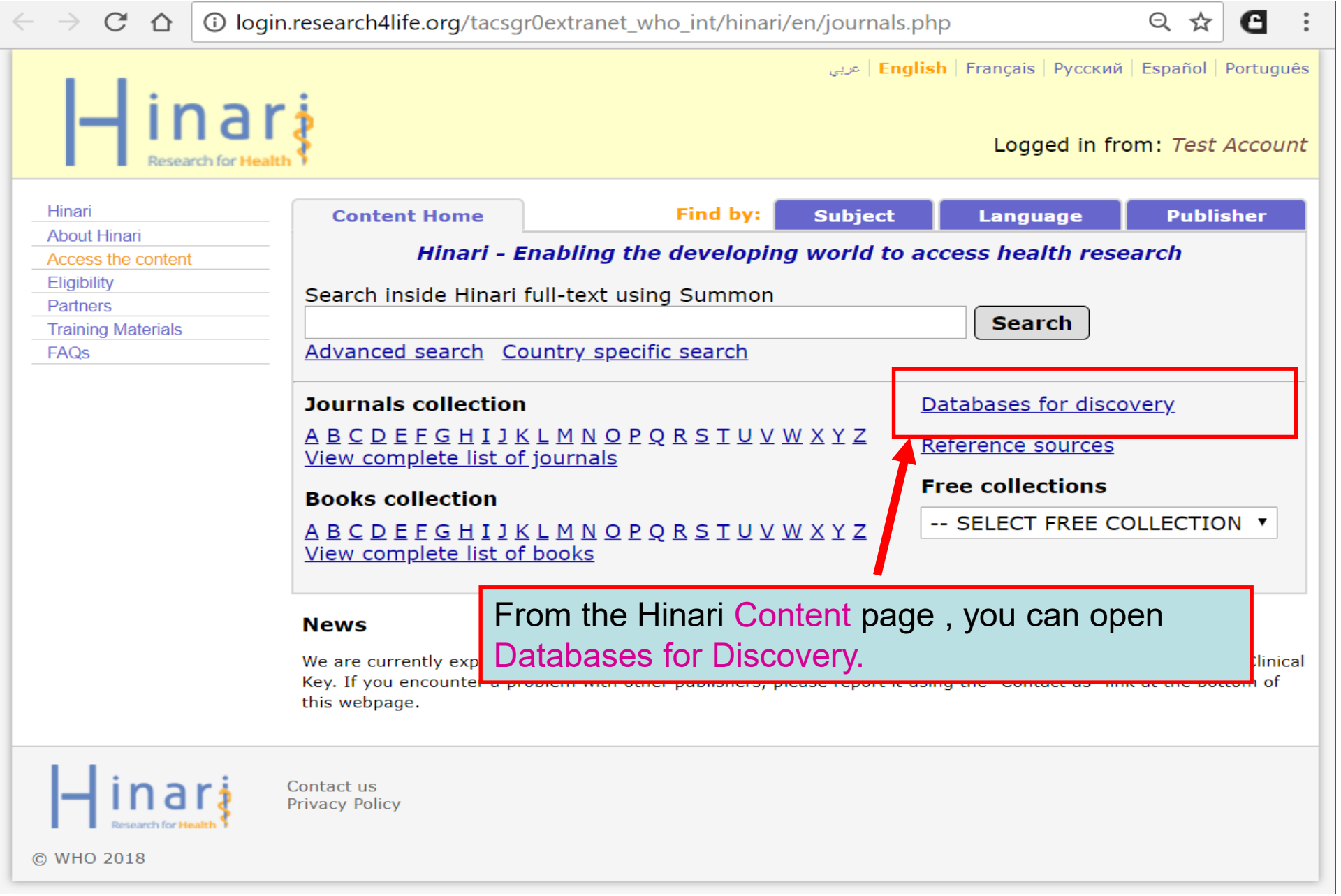
Presented by

15 YEARS TCC Training Centre in Communication ANNIVERSARY Train. Support. Empower

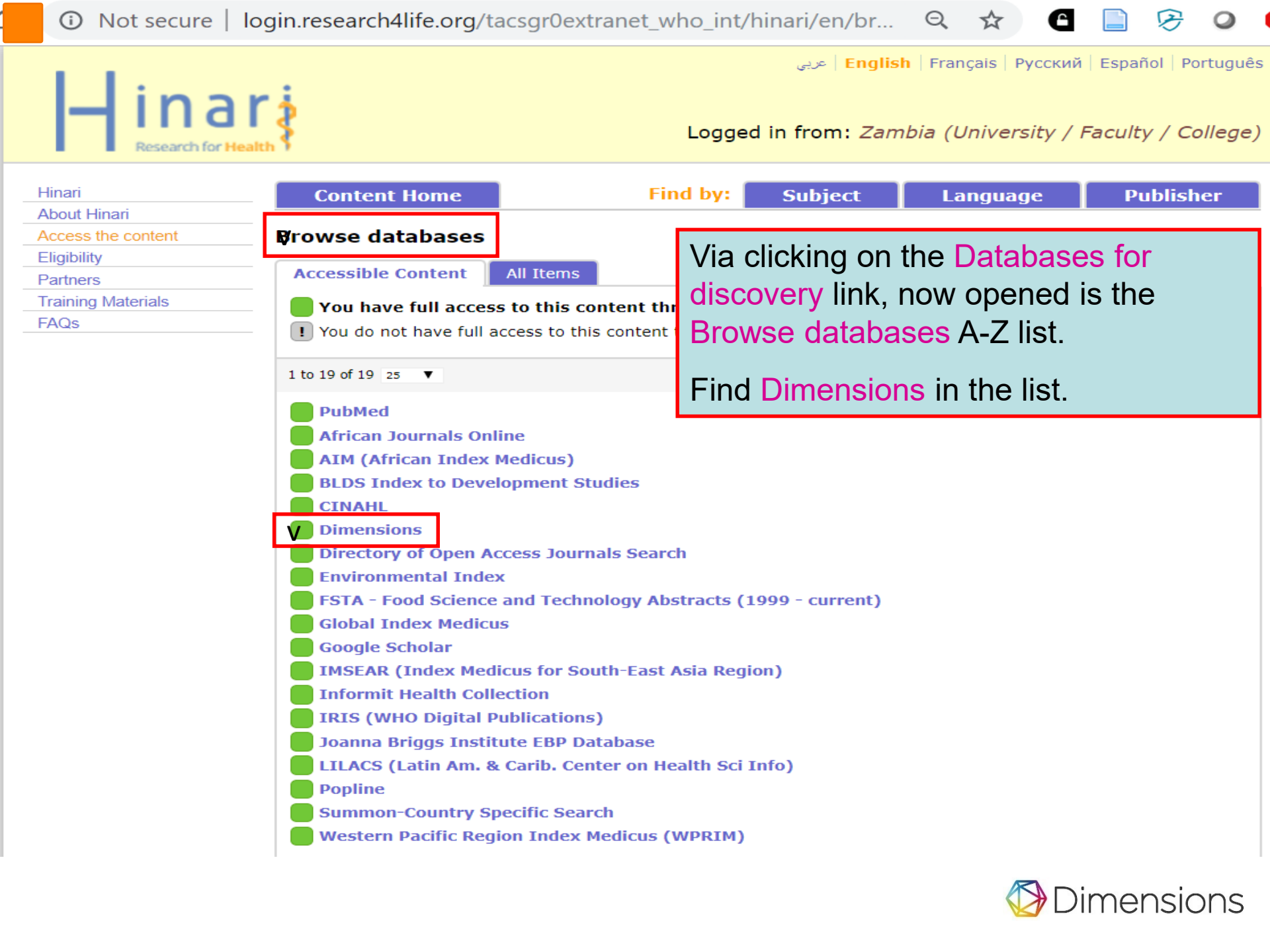


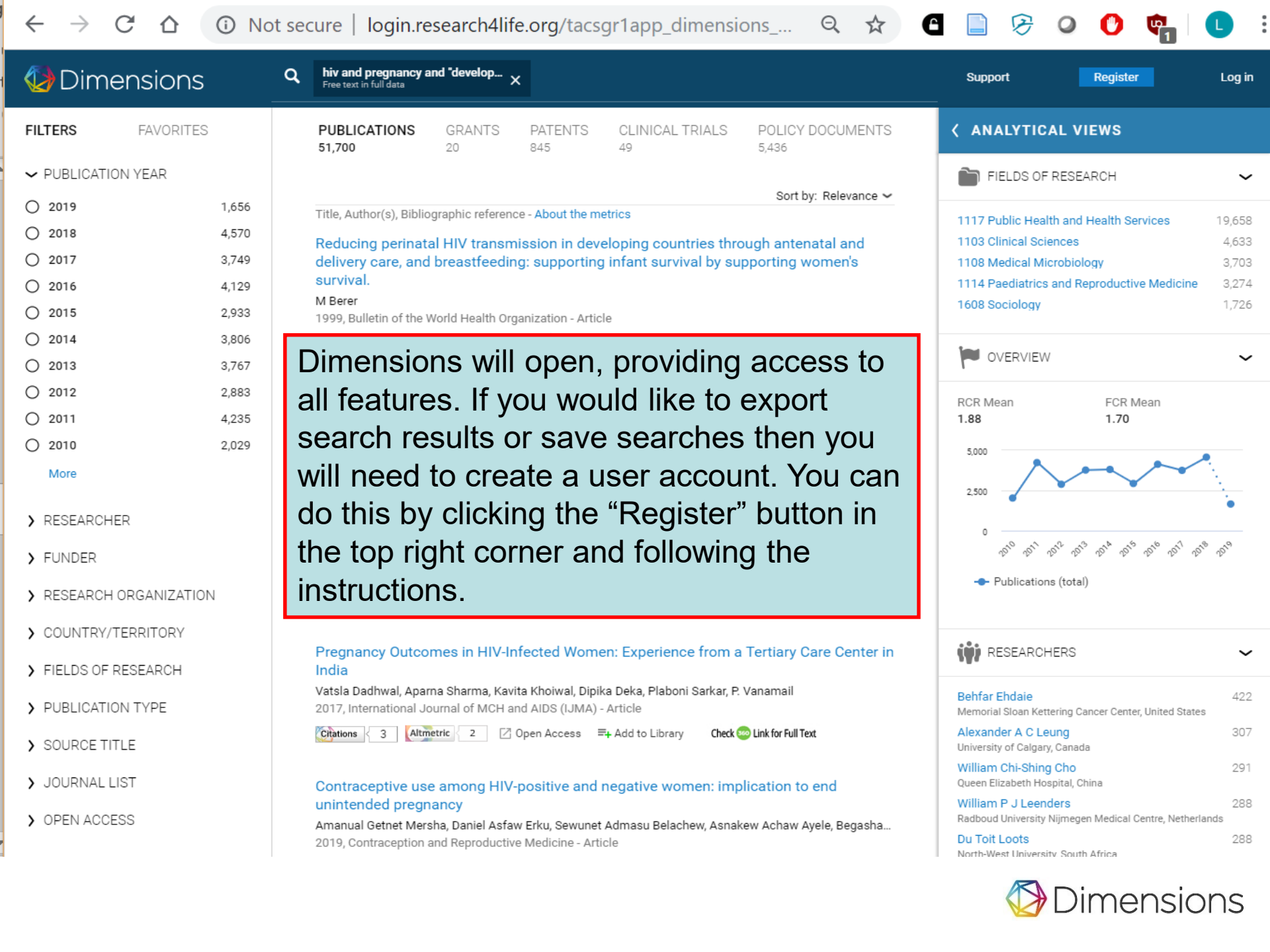
Enter your Hinari USER NAME and PASSWORD in the appropriate boxes, change the language of the portal (if necessary), then click on the Login button.


login.research4life.org/tacgw/AppPortal/
research4life
Sign Out
AGORA - Agriculture, Forestry, Fisheries, Climate & Food Security
ARDI - Innovation & Technology
GOALI - Law
Hinari - Health
OARE - Environment
Click on a logo to open the program.
All the programs your institution is registered for are listed. Login to any of the other programs by returning to this page (use the R4L Portal – Applications tab at the top of the web browser).
© 2018 Research4Life
Dimensions

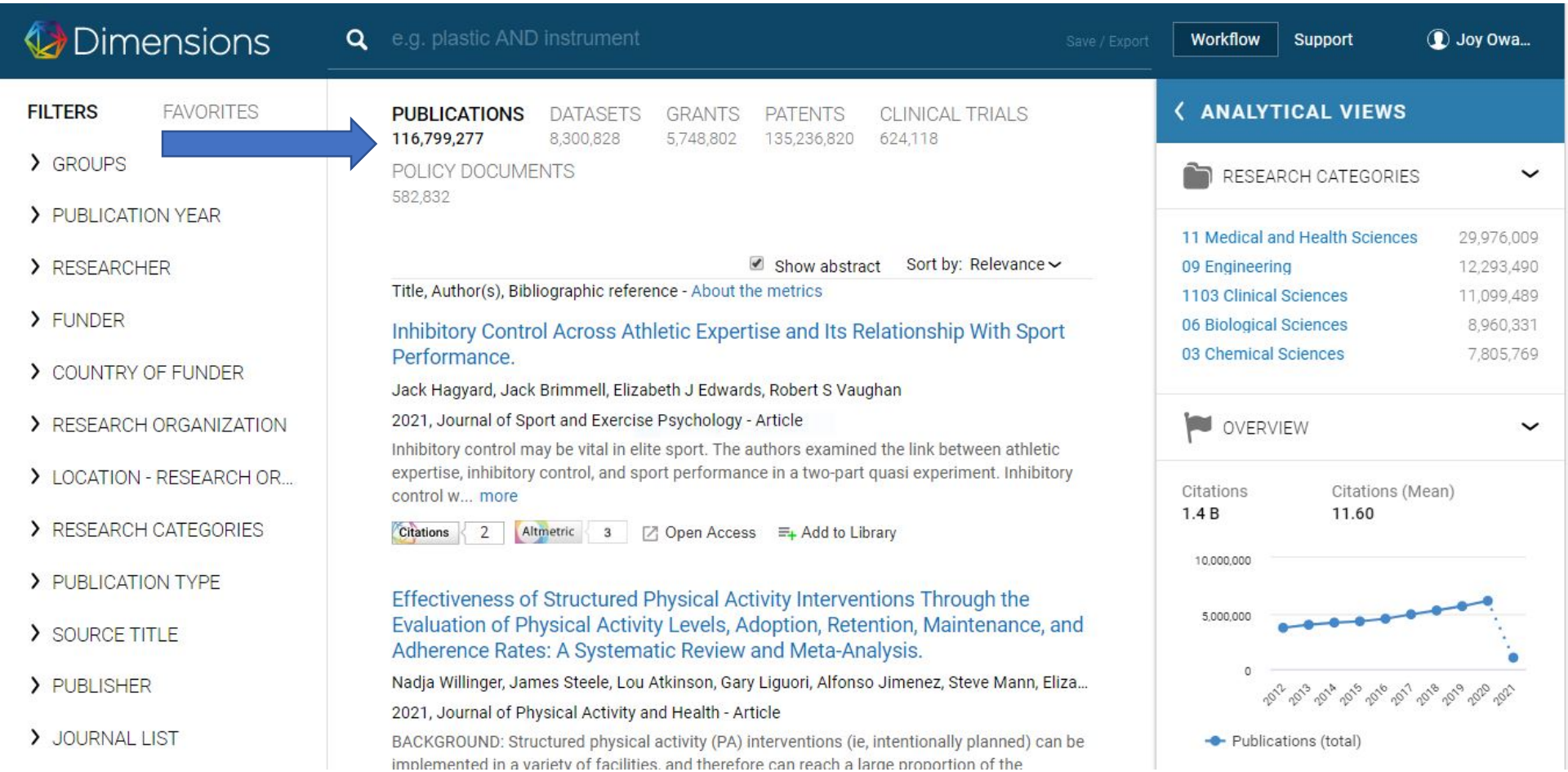

login.research4life.org/tacsgr0extranet_who_int/hinari/en/journals.php
عربي | English | Français | Русский | Español | Português
Hinari
Research for Health
Logged in from: Test Account
Hinari
About Hinari
Access the content
Eligibility
Partners
Training Materials
FAQs
Content Home
Find by: Subject Language Publisher
Hinari - Enabling the developing world to access health research
Search inside Hinari full-text using Summon
Search
Advanced search Country specific search
Journals collection
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
View complete list of journals
Books collection
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
View complete list of books
Databases for discovery
Reference sources
Free collections
-- SELECT FREE COLLECTION
From the Hinari Content page , you can open Databases for Discovery.
News
We are currently exp
Key. If you encounte
this webpage.
Clinical
of
Hinari
Research for Health
Contact us
Privacy Policy
© WHO 2018

Dimensions

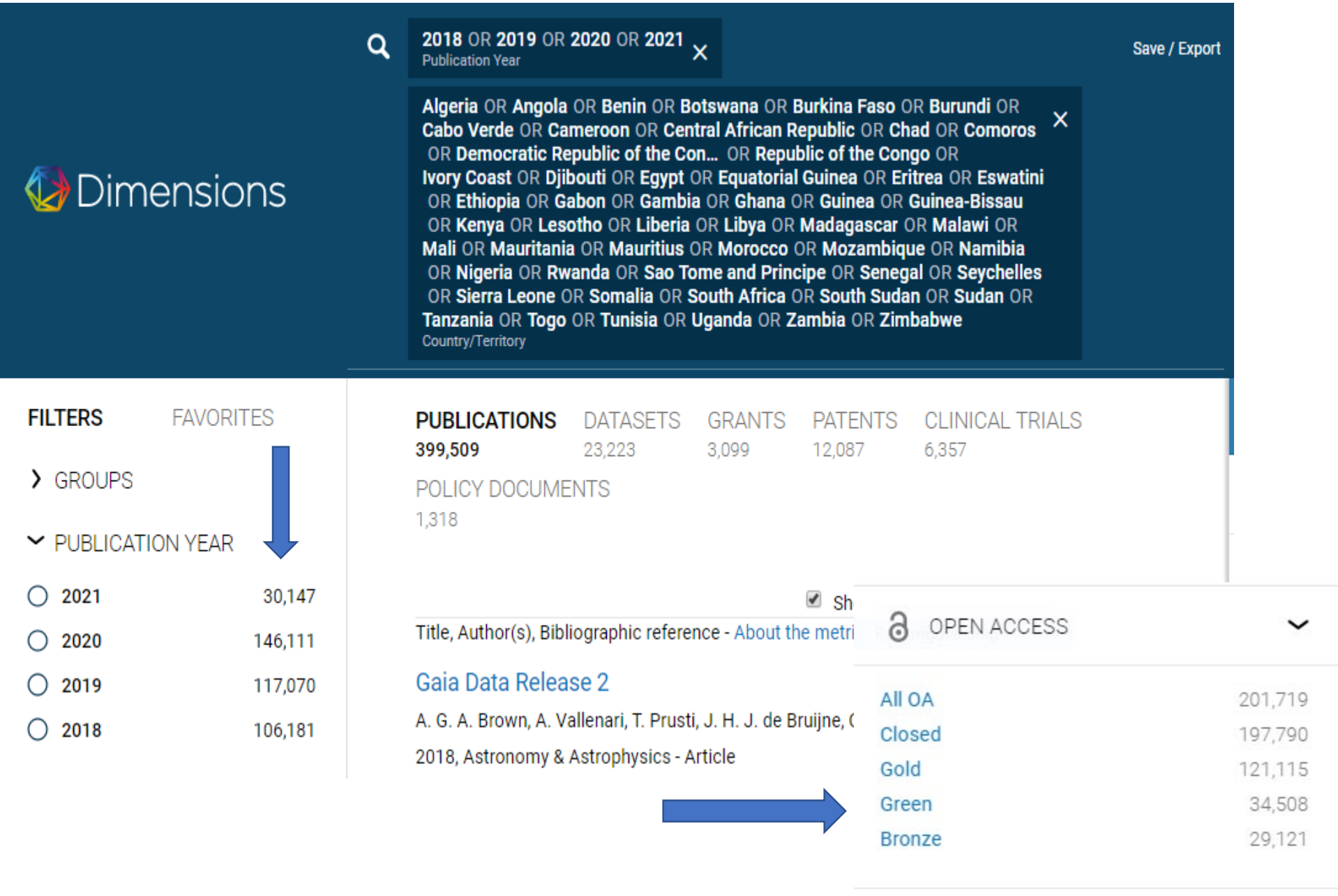

Not secure | login.research4life.org/tacsgr0extranet_who_int/hinari/en/br...
عربي | English | Français | Русский | Español | Português
Hinari
Research for Health
Logged in from: Zambia (University / Faculty / College)
Hinari
About Hinari
Access the content
Eligibility
Partners
Training Materials
FAQs
Content Home
Find by: Subject Language Publisher
Browse databases
Accessible Content
All Items
You have full access to this content thr
You do not have full access to this content
1 to 19 of 19 25
PubMed
African Journals Online
AIM (African Index Medicus)
BLDS Index to Development Studies
CINAHL
Dimensions
Directory of Open Access Journals Search
Environmental Index
FSTA - Food Science and Technology Abstracts (1999 - current)
Global Index Medicus
Google Scholar
IMSEAR (Index Medicus for South-East Asia Region)
Informit Health Collection
IRIS (WHO Digital Publications)
Joanna Briggs Institute EBP Database
LILACS (Latin Am. & Carib. Center on Health Sci Info)
Popline
Summon-Country Specific Search
Western Pacific Region Index Medicus (WPRIM)
Via clicking on the Databases for discovery link, now opened is the Browse databases A-Z list.
Find Dimensions in the list.
Dimensions


Not secure | login.research4life.org/tacsgr1app_dimensions_...
Dimensions
hiv and pregnancy and "develop...
Free text in full data
Support
Register
Log in
FILTERS
FAVORITES
PUBLICATION YEAR
2019 1,656
2018 4,570
2017 3,749
2016 4,129
2015 2,933
2014 3,806
2013 3,767
2012 2,883
2011 4,235
2010 2,029
More
RESEARCHER
FUNDER
RESEARCH ORGANIZATION
COUNTRY/TERRITORY
FIELDS OF RESEARCH
PUBLICATION TYPE
SOURCE TITLE
JOURNAL LIST
OPEN ACCESS
PUBLICATIONS 51,700
GRANTS 20
PATENTS 845
CLINICAL TRIALS 49
POLICY DOCUMENTS 5,436
Sort by: Relevance
Title, Author(s), Bibliographic reference - About the metrics
Reducing perinatal HIV transmission in developing countries through antenatal and delivery care, and breastfeeding: supporting infant survival by supporting women's survival.
M Berer
1999, Bulletin of the World Health Organization - Article
Dimensions will open, providing access to all features. If you would like to export search results or save searches then you will need to create a user account. You can do this by clicking the “Register” button in the top right corner and following the instructions.
Pregnancy Outcomes in HIV-Infected Women: Experience from a Tertiary Care Center in India
Vatsla Dadhwal, Aparna Sharma, Kavita Khoiwal, Dipika Deka, Plaboni Sarkar, P. Vanamail
2017, International Journal of MCH and AIDS (IJMA) - Article
Citations 3
Altmetric 2
Open Access
Add to Library
Check Link for Full Text
Contraceptive use among HIV-positive and negative women: implication to end unintended pregnancy
Amanual Getnet Mersha, Daniel Asfaw Erku, Sewunet Admasu Belachew, Asnakew Achaw Ayele, Begasha...
2019, Contraception and Reproductive Medicine - Article
ANALYTICAL VIEWS
FIELDS OF RESEARCH
1117 Public Health and Health Services 19,658
1103 Clinical Sciences 4,633
1108 Medical Microbiology 3,703
1114 Paediatrics and Reproductive Medicine 3,274
1608 Sociology 1,726
OVERVIEW
RCR Mean 1.88
FCR Mean 1.70
5,000
2,500
0
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
Publications (total)
RESEARCHERS
Behfar Ehdaie 422
Memorial Sloan Kettering Cancer Center, United States
Alexander A C Leung 307
University of Calgary, Canada
William Chi-Shing Cho 291
Queen Elizabeth Hospital, China
William P J Leenders 288
Radboud University Nijmegen Medical Centre, Netherlands
Du Toit Loots 288
North-West University, South Africa
Dimensions

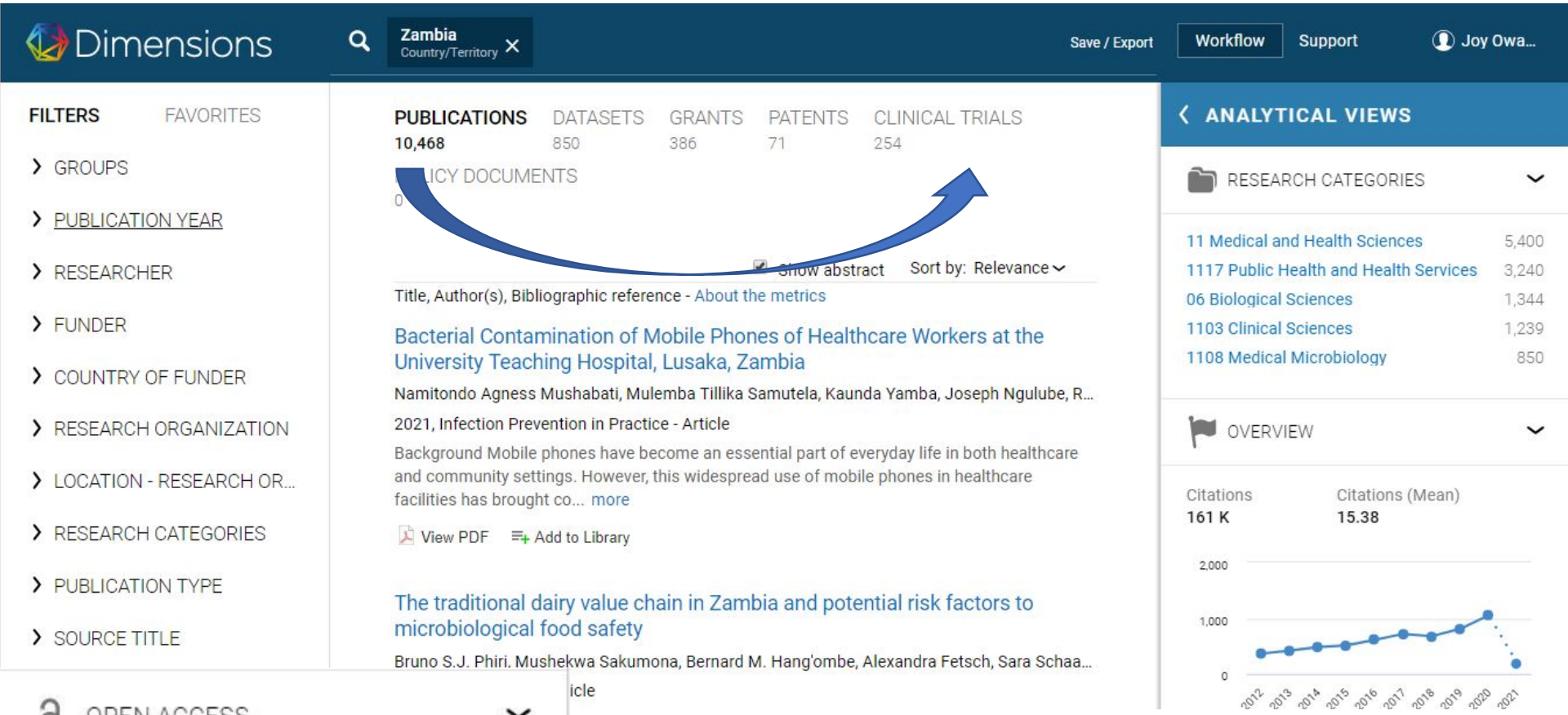
What is in Dimensions?



African Publications 2018-2021(54 countries)



Zambia Research Output 1910-2021

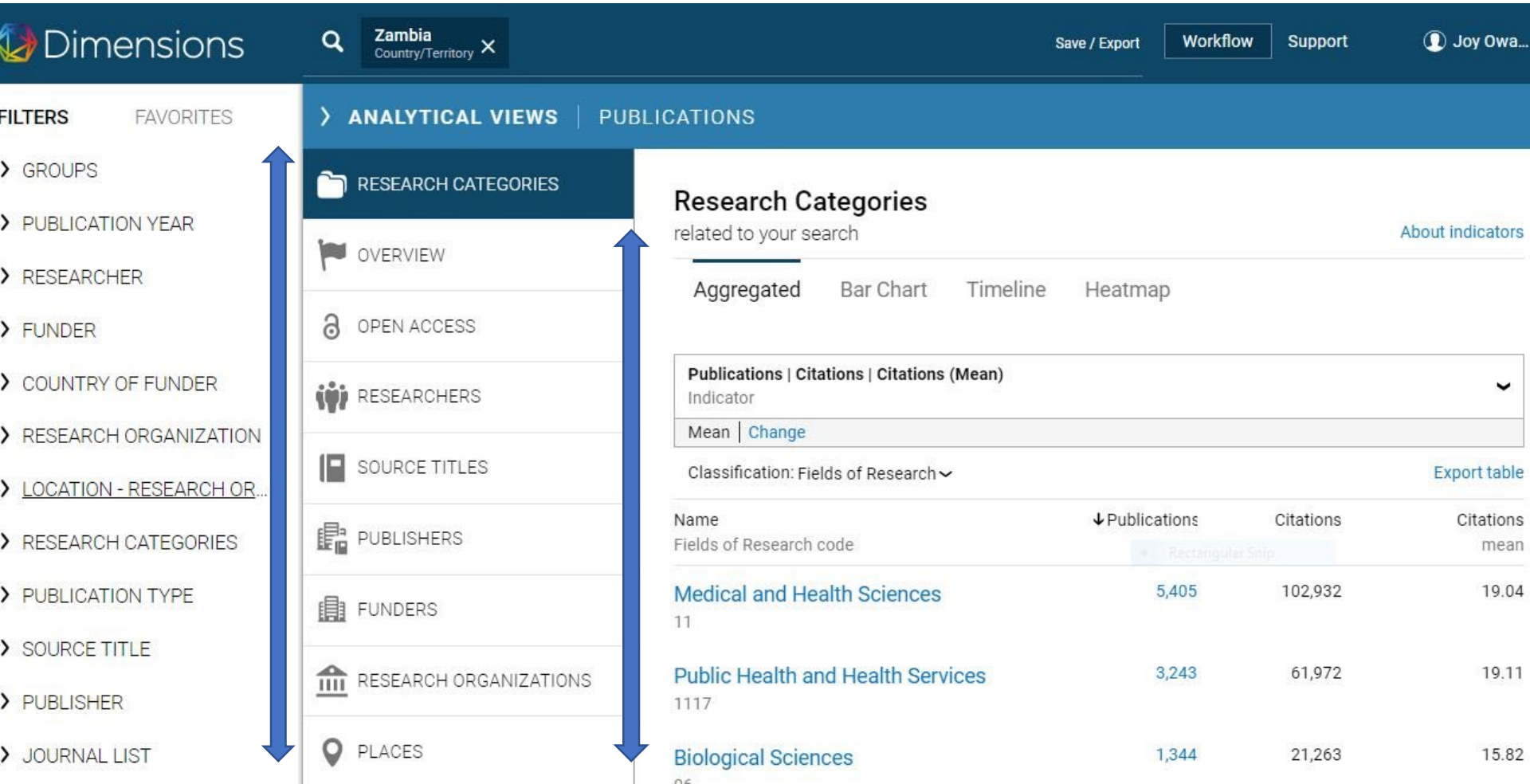


Top Zambia Researchers

Name Organization, Country	↓Publications	Citations	Citations mean
Seter Siziya Copperbelt University, Zambia	128	2,731	21.34
Peter B Mwaba Lusaka Apex Medical University, Zambia	123	5,784	47.02
Charles Michelo University of Zambia, Zambia	120	1,267	10.56
Chipepo Kankasa University Teaching Hospital, Zambia	119	3,659	30.75
Bellington Vwalika University of Zambia, Zambia	107	1,059	9.90
Bernard Mudenda Hang'Ombe University of Zambia, Zambia	88	759	8.63
Roma Chilengi Centre for Infectious Disease Research in Zambi...	87	935	10.75
Nathan Kapata Ministry of Health, Zambia	87	2,133	24.52
John Bwalya Muma University of Zambia, Zambia	86	1,586	18.44

Can get up to 500 researchers

What can Dimensions Do For Researchers, Vice Chancellors and Policy Makers?



Democratising Higher Education in Zambia Through Open Access Data

11th March 2021

Daryl Naylor
Sales Director, Digital Science

Dimensions

Part of DIGITAL science

Who is Digital Science and why are we here?

Digital Science is a technology company serving the needs of scientific and research communities at key points along the full cycle of research.

We *invest* in, *nurture* and *support* innovative businesses and technologies that make all parts of the research process more **open**, **efficient** and **effective**.

Altmetric Symplectic Dimensions figshare readcube Overleaf

Rooted in research, most founders have an academic research background and started a company around solving a self-encountered problem.

https://www.digital-science.com/about-us/

What exactly is **Open Science?**

One definition of Open Science holds that it is the movement to make scientific research (including publications, data, physical samples, and software) and its dissemination accessible to all levels of an inquiring society, amateur or professional.

Open science is **transparent** and **accessible** knowledge that is **shared** and developed through collaborative networks

Supporting **openness** at Digital Science

Free researcher access to Dimensions publication data discovery

Free institutional access to R4L members to enhanced Dimensions web-app

Free to view Altmetric details pages

Free usage of Altmetric and Dimensions metrics and data on **institutional repository**

Free researcher Figshare accounts accounts to collect and manage data

Supporting **Open Access** initiatives and enhancing **discovery** of research & expertise

Dimensions has been created to **push past** existing **limitations**

Dimensions was developed to counter decades of stalled innovation

- WoS and Scopus have not changed much - still just publications and citations

A true database, not a selective view - empowering the user!

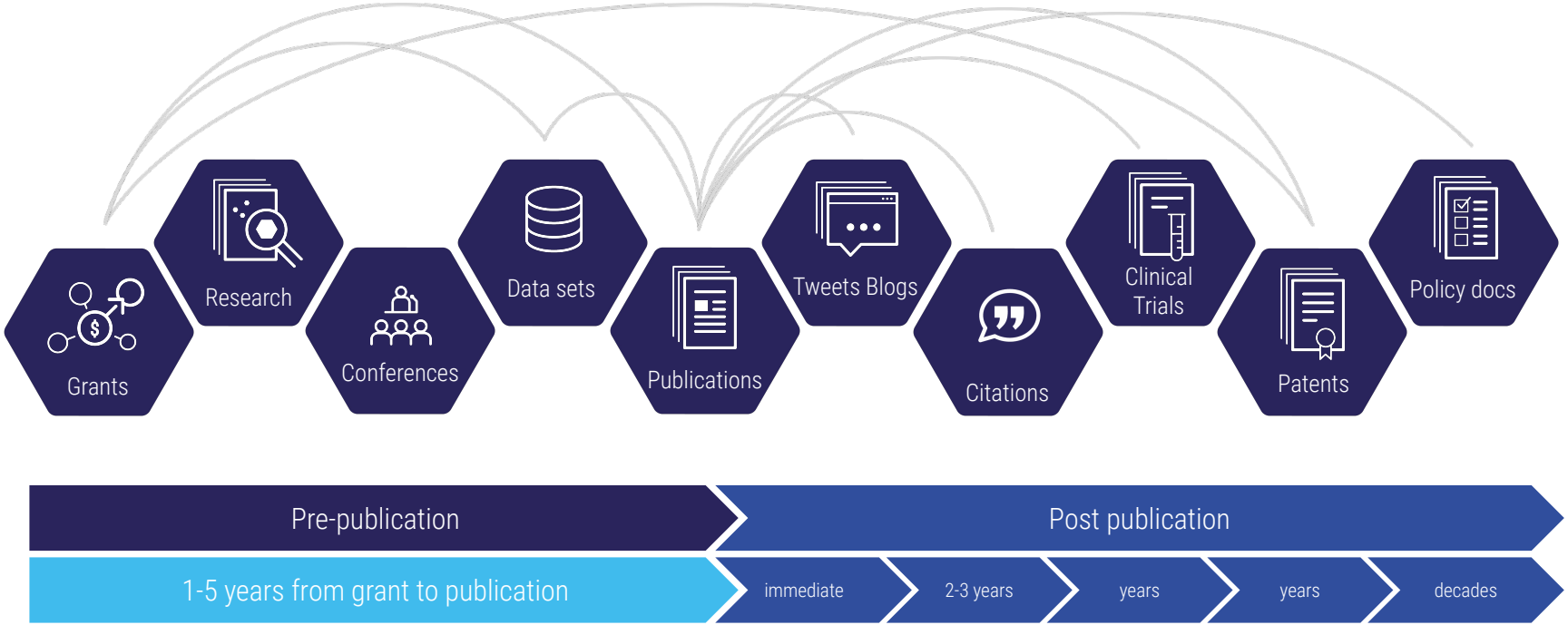
- Open and inclusive: Publications from early-career researchers, regional journals, non-english publications, and more *

Multiple databases in one

- Grants, patents, datasets, pre-prints, clinical trials, policy documents
- All interlinked
- No more data silos

** Extensive data curation and quality assurance includes measures against predatory journals as well as systematic processes for identification, deduplication, enrichment, affiliations, classifications at article-level, link-creation, citation counts, and more*

A more comprehensive view of the research lifecycle



Get the tools and data needed for holistic discovery and analyses in one place

Tool / data	Dimensions	Scopus	WoS
Publications	116M	~70M	~74M
Preprints	Yes - 2.1M	No	No
Datasets	Yes - 8.1M	No	No
Grants	Yes - 5.8M, $1.9 trillion	No	No*
Patent records	Yes - 134M	Yes - 39M - not linked*	No
Clinical trials	Yes - 600k	No	No
Policy documents	Yes - 561k	No	No
Links between all content types	Yes	No	No
Search in title & abstract	Yes	Yes	Yes
Advanced search	Boolean + GUI (2020)	GUI	GUI
Search in fulltext	Yes	No	No
Search by pasting an abstract	Yes	No	No
Multiple and open classification systems	Yes	No	No
Classifications	Article-level - all content types	Journal-level	Journal-level
Citations and metrics	Citations, FCR, RCR, Highly cited, Recent Citations, Altmetric Attention Score, Patent citations, SNIP, SJR	Citations, FWCI, Plum, SNIP, SJR, Recent Citations, h-index, CiteScore (tracker, percentile/quartiles, rank, citation and document count, cited)	Citations, Journal Impact Factor (JIF), CNCI (InCites), Eigenfactor Score, h-index, Article Influence Score

** Not linked (e.g. no info about patents citing publications), not classified*

Supporting the **Global South** with Dimensions

November 2019 saw the start of a partnership between Digital Science and R4L, enabling access to Dimensions Plus to all affiliates of Group A and Group B member institutions

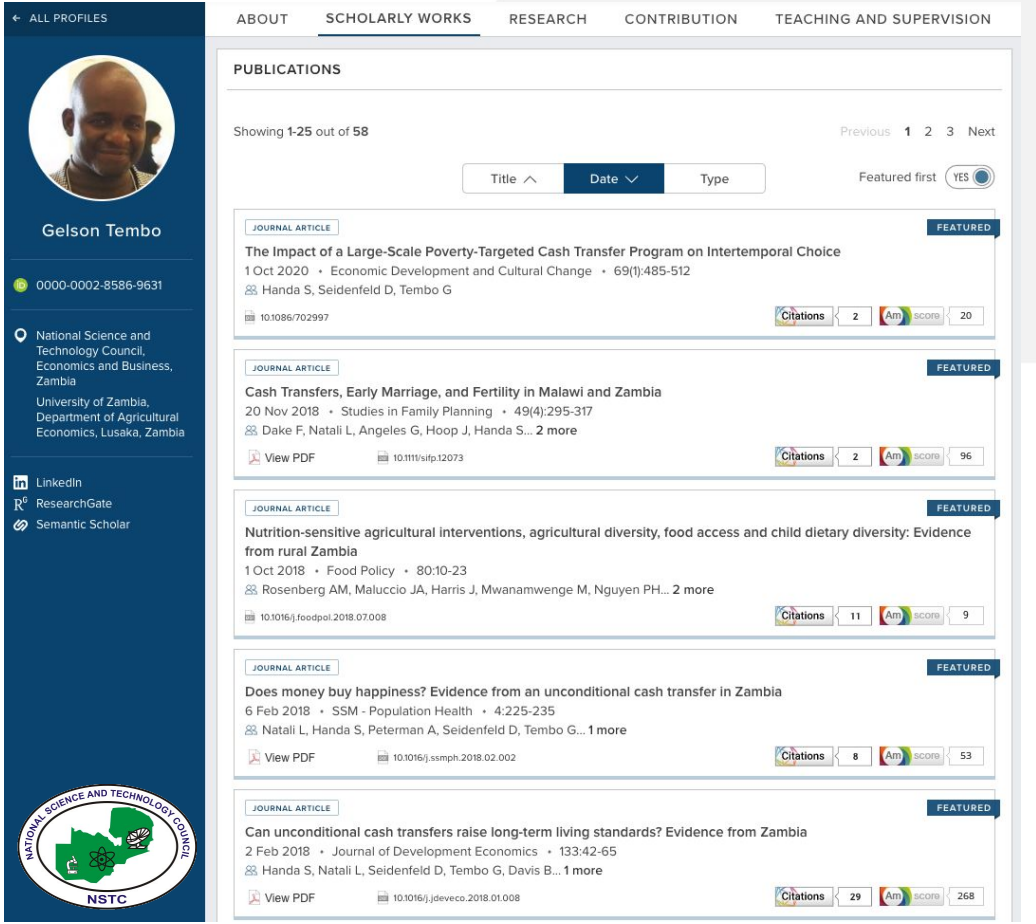
Institutions should request access via R4L at

https://www.research4life.org/access/how-to-register/

Dimensions will also be ingesting the AJOL journal list alongside existing lists

Symplectic Elements

*Creating rich **openly accessible** research profiles*



Symplectic

Part of DIGITAL science

TCC Africa/NSTC Virtual Webinar

Democratizing Higher Education in Zambia Through Open Access Data

11th March, 2021

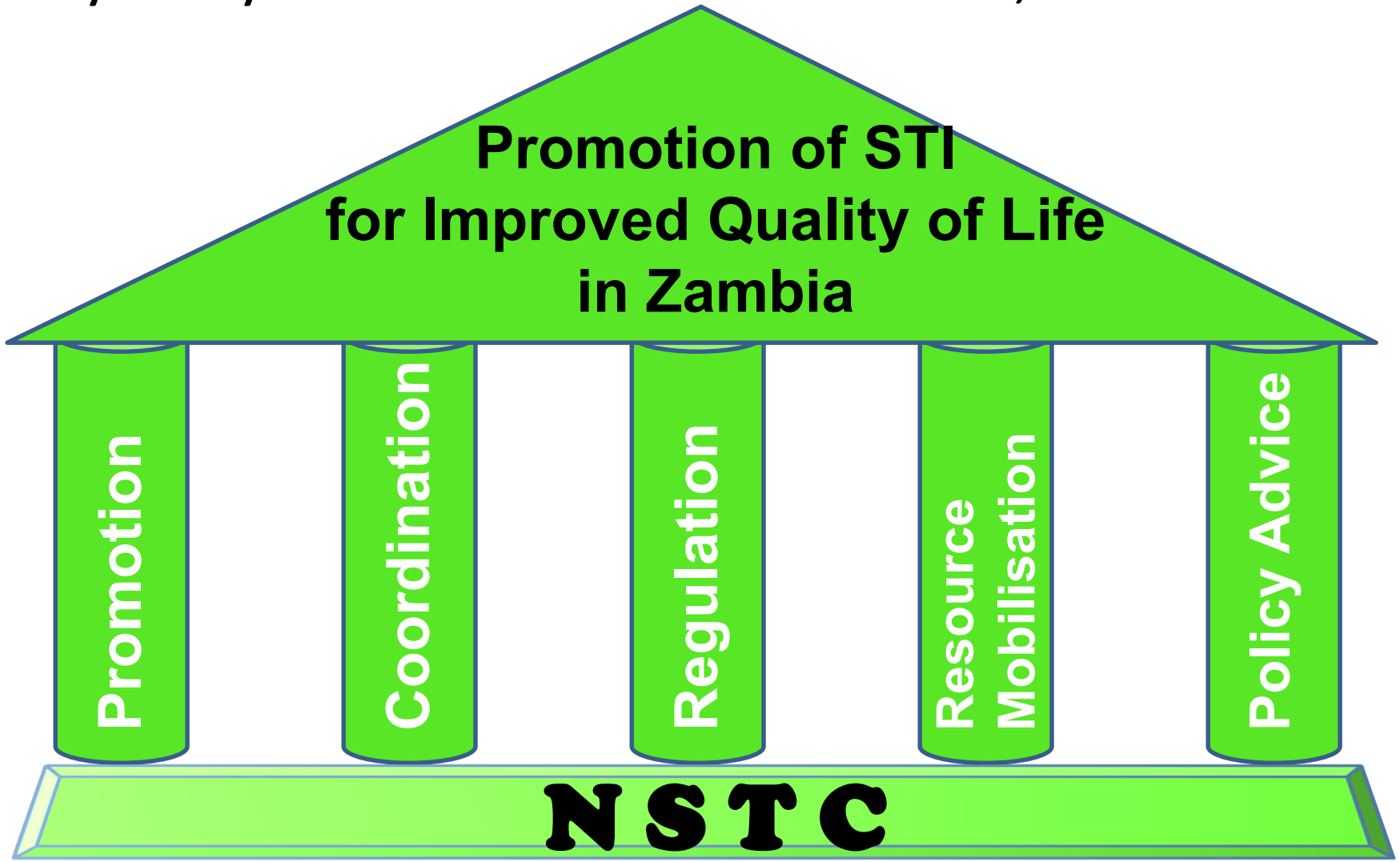
Filipo Zulu

Acting Executive Secretary/CEO

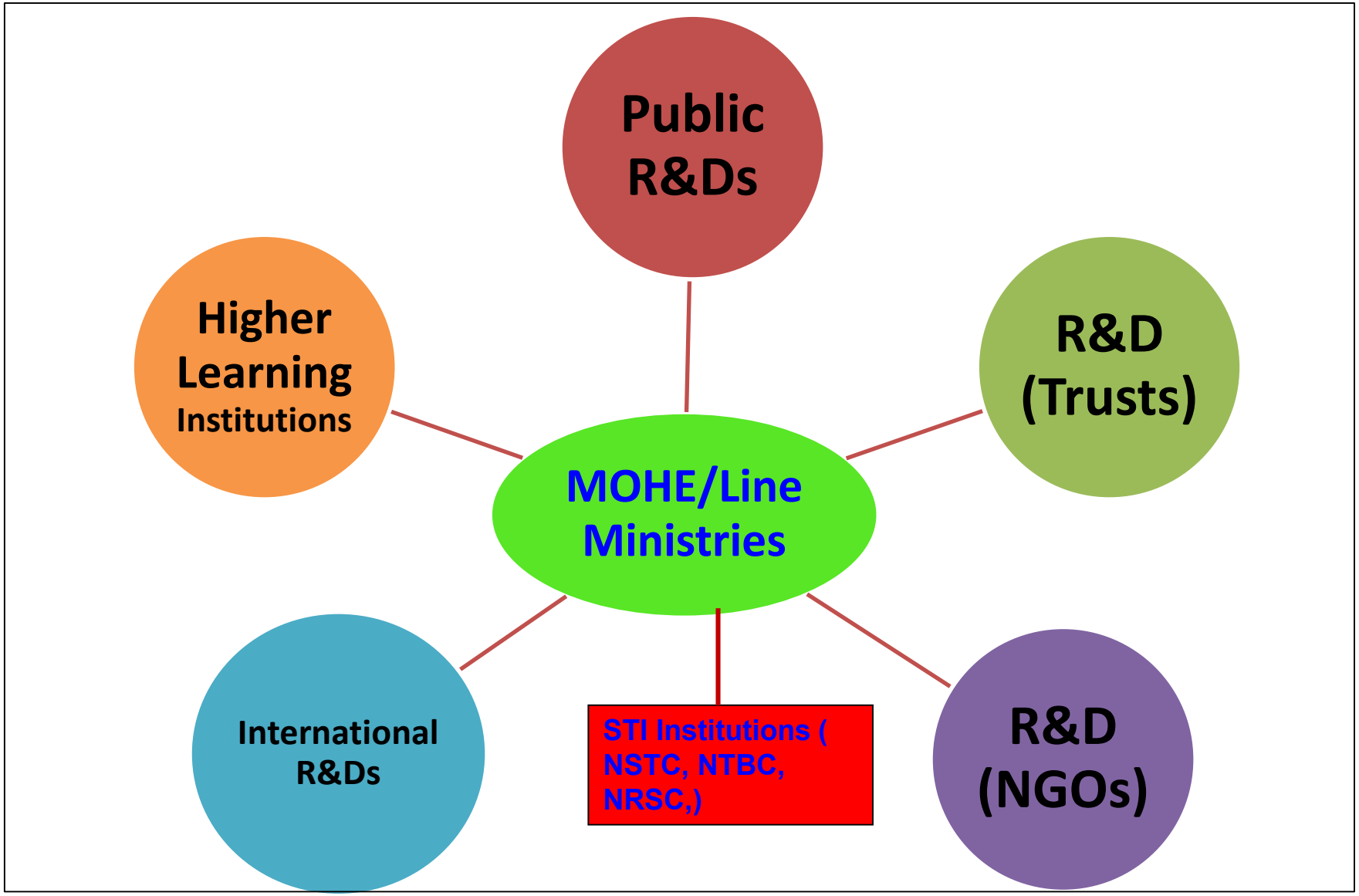
NSTC

THE NSTC

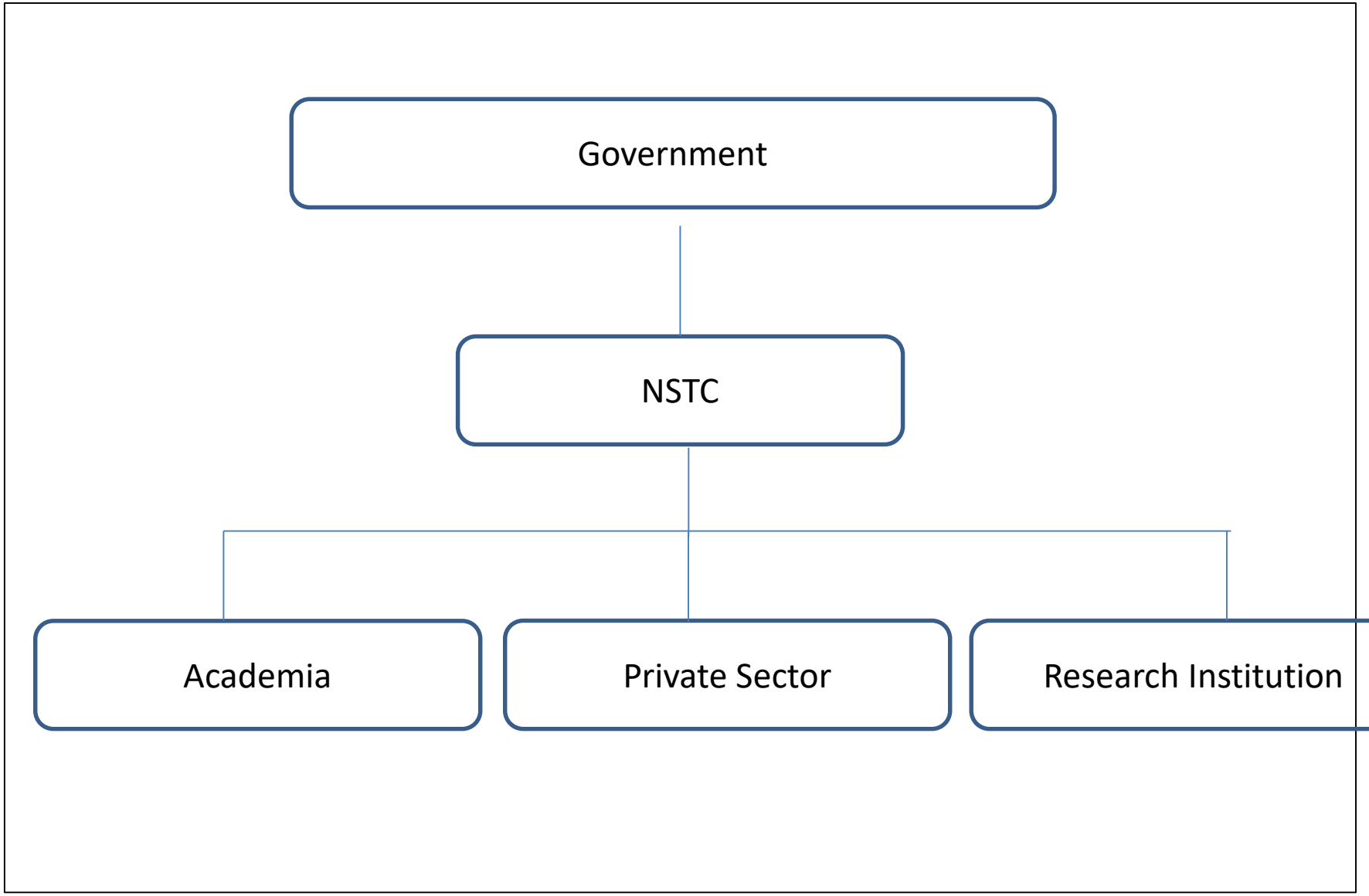
- Statutory body created under the S&T Act, No. 26 of 1997



SUMMARY -NATIONAL SCIENCE & TECHNOLOGY LANDSCAPE



NSTC IN THE NATIONAL SCIENCE & TECHNOLOGY LANDSCAPE



THE ROLE OF NSTC IN OPEN ACCESS

A: Zambia Science, Technology Information Network (ZASTIN

- ❑ Electronic Framework to support provision of information to the NIS
- ❑ Institutions in Network (5 Institutions)

NB: NSTC reviewing ZaSTIN in order to integrate in the National Database currently under construction

B. Collaboration with ZALICO

- ❑ Provision of information to our NIS

C. Support to Journals

- ❑ UNZA Journal of Science & Technology
- ❑ Engineering Journals

D. Provision of STI Promotion Platforms

- ❑ Provides platforms for STI information translation and dissemination

NEXT STEPS

- We have signed MoU with Infratell -The NSTC has taken advantage of this by signing an MoU in order to collaborate on the creation of a National Database for Research and Innovation System in Zambia
- Africa Open Science Platform recently launched
- NSTC is a member of the Plan S-s an initiative for Open Access publishing that was launched in September 2018. The plan is supported by cOAlition S, an international consortium of research funders. Plan S requires that, from 2020, scientific publications that result from research funded by public grants must be published in compliant Open Access journals or platforms
- Strengthen NSTC partnership with TCC Africa
- Upscale Open Science dialogue with our Regional and Africa wide Partners

THANK YOU FOR YOUR KIND ATTENTION