



# Visibilidad en nuevas bases de datos

## Scilit, Dimensions, OpenAlex, Semantic Scholar

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Profesor / Investigador

Universidad Tecnológica de Panamá - CIDITIC

**Universidad Autónoma de Chiriquí**

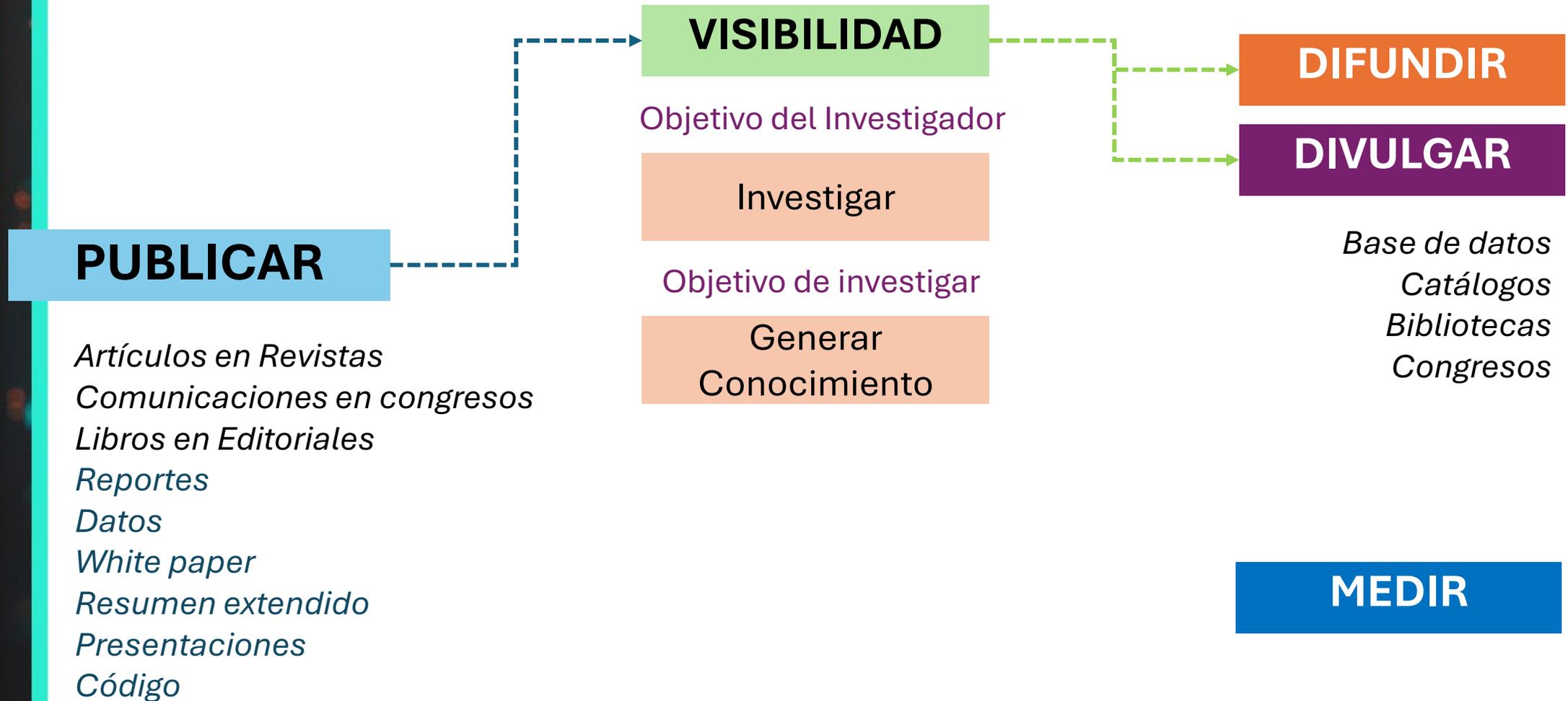
**Organiza:** Vicerrectoría de Investigación y Posgrado  
Dirección de Investigación y Documentación Científica



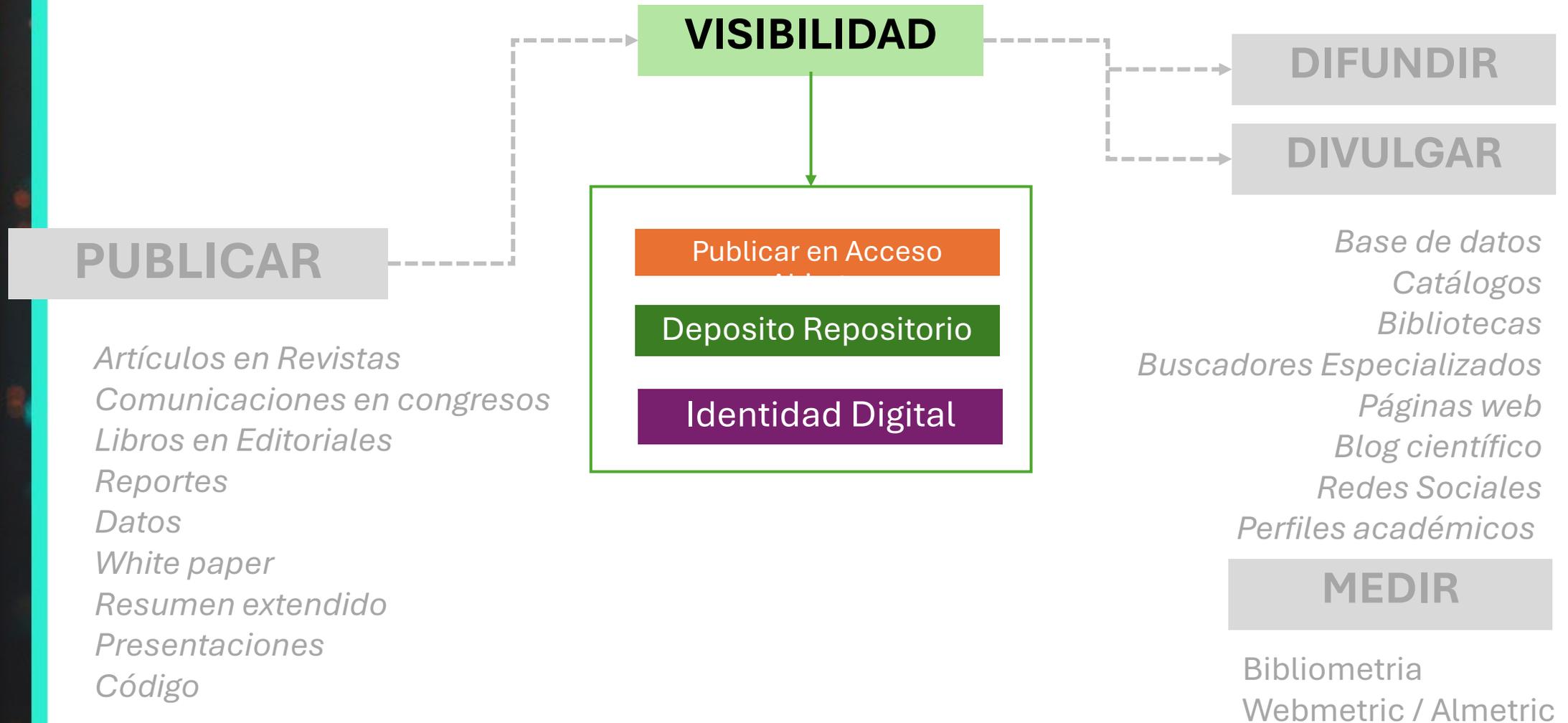
# Objetivos

- Conocer las **nuevas bases de datos de acceso bibliográfico** creadas en los últimos años.
- **Identificar** los recursos de autor integrados en las nuevas bases de datos.
- Conocer las **fuentes** de donde recogen información estas bases de datos.
- Evaluar cómo **puedo aparecer en estas bases de datos** para que mis recursos puedan ser encontrado.

# Nuevo modelo de comunicación científica

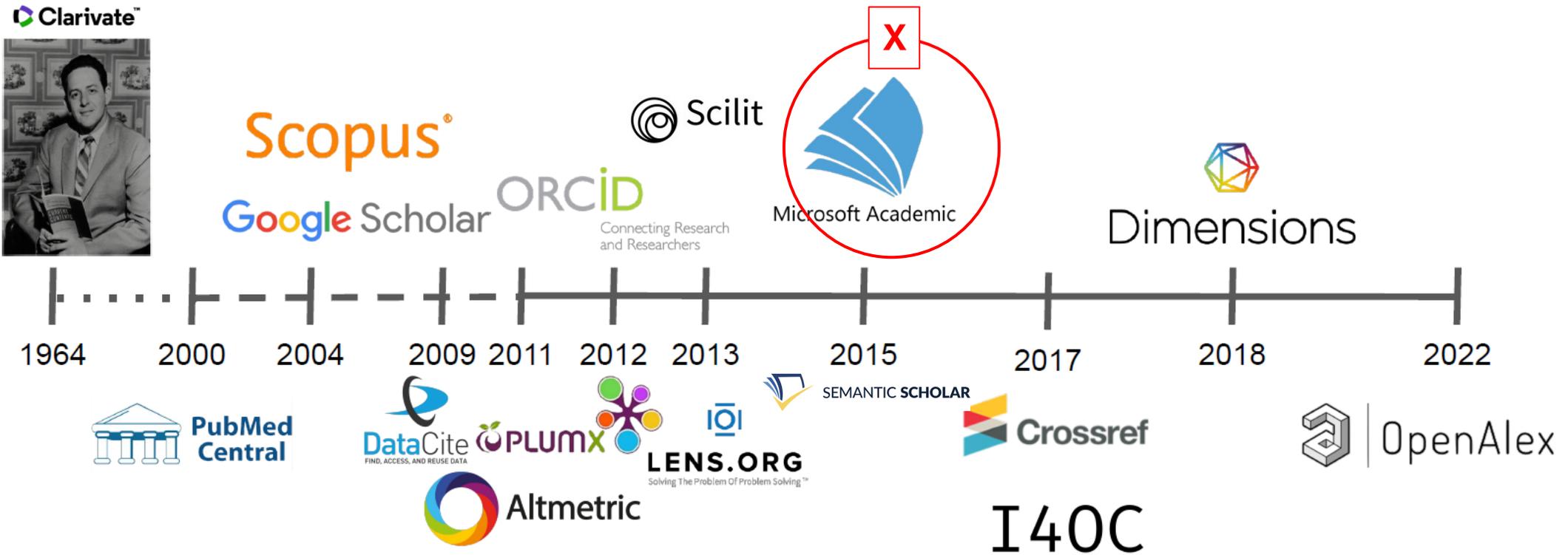


# Nuevo modelo de comunicación científica



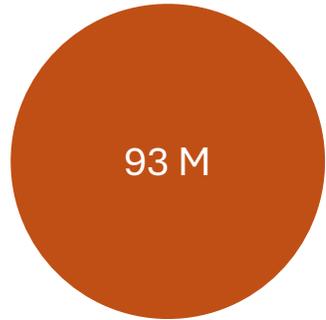
# Línea de tiempo de las bases de datos

20 años de explosión de nuevas fuentes de datos científicos



<https://zenodo.org/record/7095736>

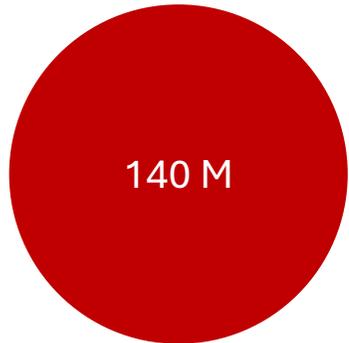
# Nuevas bases de datos



SCOPUS



WoS



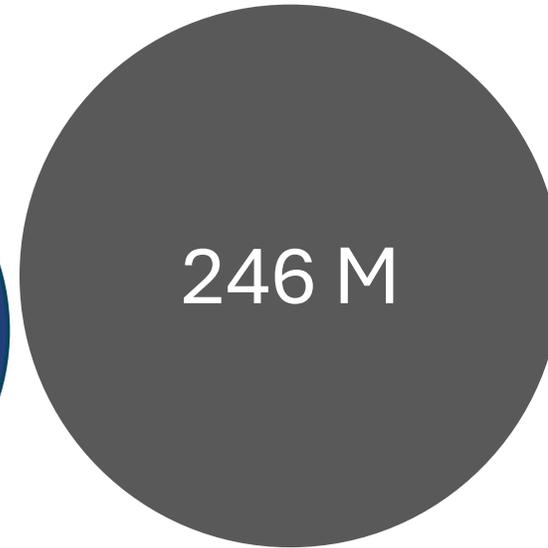
 Dimensions



 Scilit



  
Semantic Scholar



 OpenAlex



  
**LENS.ORG**  
Solving The Problem Of Problem Solving™

\* 14-07-2023



# Nuevas bases de datos

## **Ventajas**

Mayor cobertura (múltiples fuentes, Multilingue)

Acceso : Gratis / Freemium

Indicadores: citas / citas relativas / otros

## **Desventajas**

Ruido (calidad cuestionable de las fuentes)

Sin control documental de fuentes, temáticas, individuos e instituciones

Análisis de citas y nuevos indicadores (limitados)



Base de datos multidisciplinaria desarrollada por la editorial MDPI, lanzada en 2013.

**168 M** documentos científicos

**36 M** documentos OA

**4.5 M** datasets

<https://www.scilit.net/>

[Home](#) > [Rankings](#) > [Countries Ranking](#)

# Countries Ranking

The charts below show the top performing countries in 2024 according to various criteria.

Pa



Edition

Rankings for 2024 until now ▾

Sort by

Articles ↓ ▾

Results per page

20 ▾



1

of 1



Country	Total Articles	Total OA Articles	5-Year Cited Articles	5-Year Citations
Japan	92,114	44,587	530,361	6,399,318
Spain	80,441	52,032	440,614	6,848,576
Pakistan	34,249	18,540	138,856	2,184,292
Nepal	4,614	2,951	16,090	193,026
Palestine	1,467	864	5,765	103,641
Paraguay	861	698	2,045	25,729
<b>Panama</b>	840	622	3,023	73,837
Papua New Guinea	110	72	734	9,173
Palau	13	7	116	1,536

# Universities and Organizations Ranking

panama



Edition 2024 until now ▾

Sort By Open access articles ↓ ▾

Results per page 20 ▾



con DOI

Organization Name	Total Articles	Total OA Articles	5-Year Citations	5-Year Cited Articles	Top Cited Paper	Top Cited Scholar	SDG-based Articles	International Collaboration %
<a href="#">Universidad de Panamá</a>	295	242	3,578	339	N/A	N/A	N/A	25.97
<a href="#">Universidad Tecnológica de Panamá</a>	73	63	1,531	270	N/A	N/A	N/A	26.60
<a href="#">Institute of Nutrition of Central America and Panama</a>	13	10	1,299	84	N/A	N/A	N/A	100.00
<a href="#">Instituto de Innovación Agropecuaria de Panamá</a>	12	9	N/A	N/A	N/A	N/A	N/A	41.67
<a href="#">Universidad Interamericana de Panamá</a>	5	4	134	17	N/A	N/A	N/A	40.00
<a href="#">Latin University of Panama</a>	5	3	63	11	N/A	N/A	N/A	42.86
<a href="#">Universidad Cristiana de Panamá</a>	1	1	1	1	N/A	N/A	N/A	0.00
<a href="#">Florida State University-Panama</a>	5	N/A	29	5	N/A	N/A	N/A	40.00
<a href="#">ADEN University Panamá</a>	1	N/A	N/A	N/A	N/A	N/A	N/A	100.00

Organization Name	Total Articles	Total OA Articles	5-Year Citations	5-Year Cited Articles	Top Cited Paper	Top Cited Scholar	SDG-based Articles	International Collaboration %
<a href="#">Universidad Autónoma de Chiriquí</a>	16	15	527	50	N/A	N/A	N/A	41.18

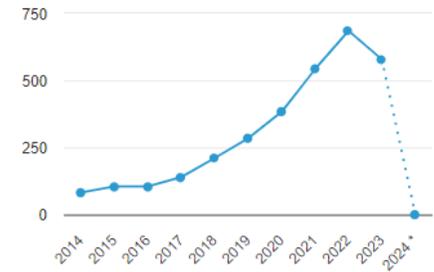
Citation analysis ?

All-time citation data.

Total Citations	3,481
Total Publications	1,090
Average Citations	3.19
Cited Publications	467
Cited Publications %	42.8%
Self Citations	220
Self Citations %	6.3%

Citations per year

All citations in 2014-2024



Citation Distribution

All-time citation data.

Q1	0
Med	0
Q3	2
99%	49
Max	85

Home > Organizations > Universidad Tecnológica de Panamá

UTP

# Universidad Tecnológica de Panamá

[See All Publications](#)

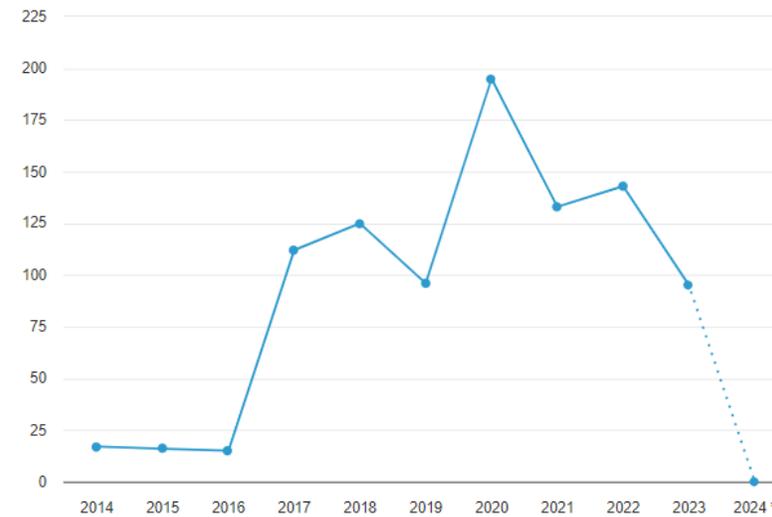
[ROR Profile](#)

[Website](#)

## Publication Analysis

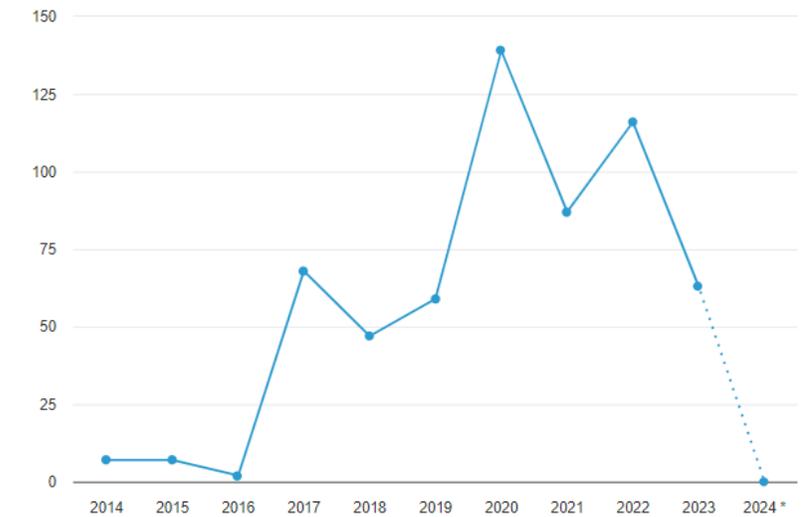
From 2014 To 2024

Publications in 2014-2024



Publication Types

Open Access Publications in 2014-2024



Top Subjects

Type	Publications	%
JOURNAL-ARTICLE	<u>741</u>	76.7%
CONFERENCE-PAPER	<u>107</u>	11.1%
BOOK-CHAPTER	<u>69</u>	7.1%
PROCEEDINGS-ARTICLE	<u>26</u>	2.7%
PREPRINT	<u>20</u>	2.1%
REFERENCE-ENTRY	<u>1</u>	0.1%
DATASET	<u>1</u>	0.1%
Others	<u>1</u>	0.1%

Subject	Publications
Sustainability Studies	<u>63</u>
Risk Management & Assessment	<u>41</u>
Power Systems & Electric Vehicles	<u>38</u>
Hydrometeorology	<u>37</u>
Remote Learning & Research	<u>37</u>
Social Justice & Reform	<u>30</u>
Soil Science	<u>30</u>
Operations Management	<u>28</u>
Product Engineering	<u>27</u>
Computer Vision & Graphics	<u>24</u>

#### Top Source Titles

Publications in 2014-2024.

Source Title	Publications
Revista de Iniciación Científica	<u>172</u>
I+D Tecnológico	<u>89</u>
Congreso Nacional de Ciencia y Tecnología – APANAC	<u>53</u>
Prisma Tecnológico	<u>50</u>
KnE Engineering	<u>43</u>
Sensors	<u>15</u>
Applied Sciences	<u>14</u>
SSRN Electronic Journal	<u>8</u>
Sustainability	<u>8</u>
Energies	<u>7</u>



Home > Organizations > Universidad Autónoma de Chiriquí

UNACHI

# Universidad Autónoma de Chiriquí

[See All Publications](#)

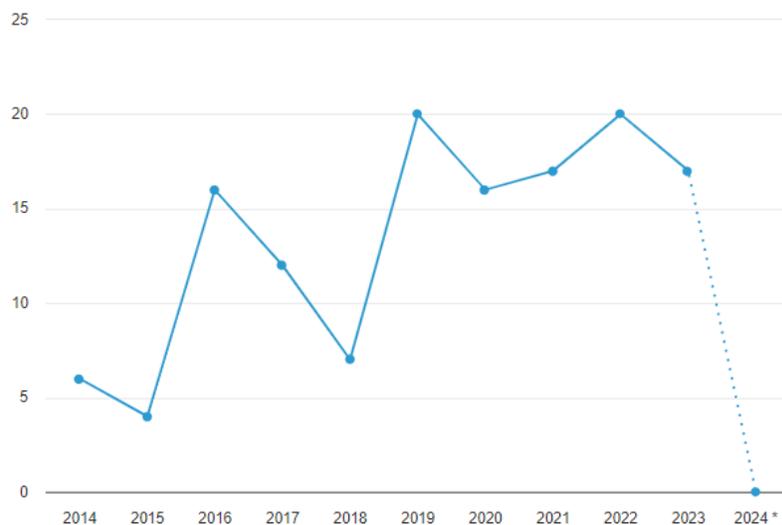
[ROR Profile](#)

[Website](#)

## Publication Analysis

From 2014 To 2024

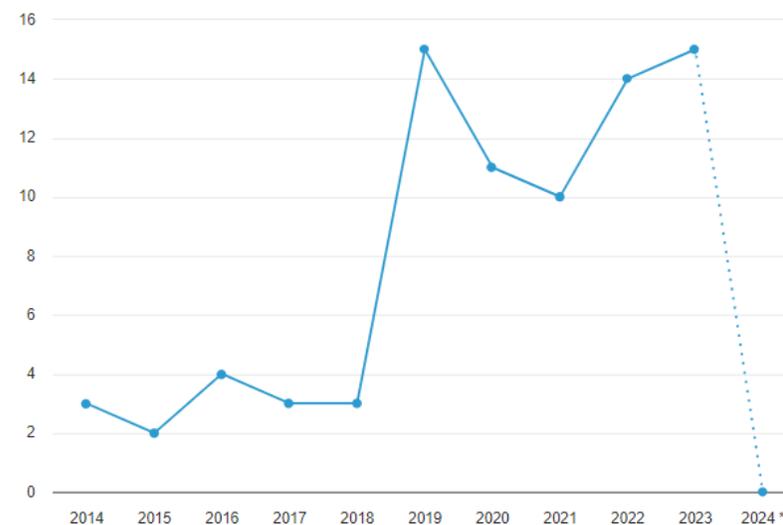
Publications in 2014-2024



### Publication Types

Publications in 2014-2024.

Open Access Publications in 2014-2024



### Top Subjects

Publications in 2014-2024.

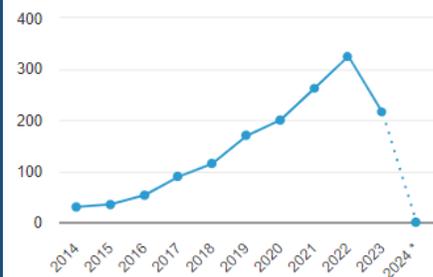
### Citation analysis

#### All-time citation data.

Total Citations	1,641
Total Publications	171
Average Citations	9.60
Cited Publications	107
Cited Publications %	62.6%
Self Citations	33
Self Citations %	2%

### Citations per year

#### All citations in 2014-2024



### Citation Distribution

#### All-time citation data.

Q1	0
Med	2
Q3	7
99%	1375
Max	243



Type	Publications	%
JOURNAL-ARTICLE	<u>139</u>	95.2%
PROCEEDINGS-ARTICLE	<u>2</u>	1.4%
CONFERENCE-PAPER	<u>2</u>	1.4%
BOOK-CHAPTER	<u>2</u>	1.4%
PREPRINT	<u>1</u>	0.7%

Subject	Publications
Evolutionary Genomics	<u>42</u>
Entomology	<u>24</u>
Plant Pathology	<u>24</u>
Biosensors	<u>19</u>
Fungal Pathogenesis	<u>18</u>
Ecological Monitoring	<u>17</u>
Animal Biology	<u>12</u>
Mycotoxins	<u>11</u>
Crop Science	<u>10</u>
Marine Biology	<u>8</u>

#### Top Source Titles

Publications in 2014-2024.

Source Title	Publications
Zootaxa	<u>8</u>
Mycological Progress	<u>7</u>
Phytotaxa	<u>5</u>
I+D Tecnológico	<u>4</u>
Tecnociencia	<u>4</u>
Aquatic Insects	<u>3</u>
Fungal Diversity	<u>3</u>
Journal of Chemistry	<u>3</u>
Journal of Vegetation Science	<u>2</u>
Mesoamericana	<u>2</u>



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PREPRINT	<u>1</u>	0.7%

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Ecological Monitoring	<u>17</u>
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Crop Science	<u>10</u>
Marine Biology	<u>8</u>

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Publications in 2014-2024.

Source Title	Publications
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Mycological Progress	<u>7</u>
Phytotaxa	<u>5</u>
I+D Tecnológico	<u>4</u>
Tecnociencia	<u>4</u>
Aquatic Insects	<u>3</u>
Fungal Diversity	<u>3</u>
Journal of Chemistry	<u>3</u>
Journal of Vegetation Science	<u>2</u>
Mesoamericana	<u>2</u>

# Publications

Search within 168 million publications



Advanced search

Export

Sort by Newest first

Results per page 20



1

of 662



13,232 publications found

Analytics view

Filter - 1

Clear all

Country / Territory: Panama

Website  Google Scholar

31 December 2024

Published by Elsevier in [Clinica E Investigacion En Ginecologia Y Obstetricia](#)

Vol. 52 (1) <https://doi.org/10.1016/j.gine.2024.100993>

Parecoxib vs. Dexketoprofeno, en combinación con paracetamol, como analgesia adicional en pacientes que reciben morfina neuraxial para el alivio del dolor postoperatorio en la cesárea: estudio prospectivo, aleatorizado, controlado, doble ciego

by L. Bodden, O. Reyes, G. Cárdenas

Add to library

Open Access  Website  Google Scholar

31 October 2024

Published by Elsevier in [Forest Ecology and Management](#)

Vol. 572 <https://doi.org/10.1016/j.foreco.2024.122263>

Rapid recovery of soil respiration during tropical forest secondary succession on former pastures

by Claire Beckstoffer, Jefferson S. Hall, Whendee L. Silver

Add to library



# Journals Ranking

Search by Journal

panama



Coverage

Scopus

Web of Science

SCIE

SSCI

AHCI

ESCI

PMC

PubMed

MEDLINE

Inspect

Ei Compindex

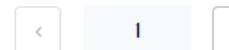
DOAJ

Scilit

Edition 2024 until now

Sort By Articles

Results per page 20



Switch Articles Trend

Yearly

Monthly

Nr.	Journal	Publisher	ISSN / EISSN	Total Articles	Monthly Total Articles Trend	Total OA Articles	5-Year Cited Articles	5-Year Citations	h5-index	Monthly Citation Metrics	Monthly Citation Metrics Trend
1	<a href="#">Centros: Revista Científica Universitaria</a>	<a href="#">Universidad de Panama</a>	N/A / 29533007	28		28	5	5	1	0.14	
2	<a href="#">Revista Saberes APUDEP</a>	<a href="#">Universidad de Panama</a>	N/A / 2953321X	26		26	1	2	1	0.07	
3	<a href="#">Revista Contacto</a>	<a href="#">Universidad de Panama</a>	N/A / 27107620	26		26	0	0	0	0.00	
4	<a href="#">Tecnociencia</a>	<a href="#">Universidad de Panama</a>	16098102 / 24150940	25		25	15	22	2	0.00	
5	<a href="#">I+D Tecnológico</a>	<a href="#">Universidad Tecnológica de Panama</a>	16808894 / 22196714	25		25	32	52	3	0.16	
6	<a href="#">Societas</a>	<a href="#">Universidad de Panama</a>	15600408 / 26443791	23		23	5	6	1	0.00	
7	<a href="#">REICIT</a>	<a href="#">Universidad de Panama</a>	N/A / 28051874	23		23	1	1	1	0.10	
8	<a href="#">Anuario de Derecho</a>	<a href="#">Universidad de Panama</a>	05530814 / 2953299X	22		22	0	0	0	0.00	
9	<a href="#">Revista FAECO sapiens</a>	<a href="#">Universidad de Panama</a>	N/A / 26443821	21		21	5	7	2	0.00	
10	<a href="#">Revista Científica Orbis Cognitiona</a>	<a href="#">Universidad de Panama</a>	N/A / 26443813	21		21	7	11	2	0.00	
11	<a href="#">Revista de Iniciación Científica</a>	<a href="#">Universidad Tecnológica de Panama</a>	24120464 / 24136786	19		19	24	31	2	0.08	



# Journals Ranking

Search by Journal

chiriqui



Coverage

Scopus

Web of Science

SCIE

SSCI

AHCI

ESCI

PMC

PubMed

MEDLINE

Inspect

Ei Compendex

DOAJ

Scilit

Edition 2024 until now

Sort By Articles

Results per page 20



1



Switch Articles Trend

Yearly

Monthly

Nr.	Journal	Publisher	ISSN / EISSN	Total Articles	Monthly Total Articles Trend	Total OA Articles	5-Year Cited Articles	5-Year Citations	h5-index	Monthly Citation Metrics	Monthly Citation Metrics Trend
1	<a href="#">Vida Natural</a>	<a href="#">Universidad Autónoma de Chiriquí</a>	N/A / 29926424	2		2	0	0	0	0.00	
2	<a href="#">Revista Iberoamericana de Innovación Científica JA TUAIDA</a>	<a href="#">Universidad Autónoma de Chiriquí</a>	N/A / 29926440	1		1	0	0	0	0.00	
3	<a href="#">Revista Médico Científica UNACHI</a>	<a href="#">Universidad Autónoma de Chiriquí</a>	N/A / 29926610	1		1	0	0	0	0.00	
4	<a href="#">Revista Plus Economía</a>	<a href="#">Universidad Autónoma de Chiriquí</a>	24110353 / 26444046	1		1	0	0	0	0.00	



Filters Clear all

Identifiers

- Scholars with an ORCID 1.4K
- Top cited scholar 2

h-Index Reset

0  98

i10-Index Reset

0  271

Subject +

Country 1

Affiliation +

Home > Scholars

# Scholars

Q Advanced search

Highlight

Sort by Relevancy Results per page 20 < 1 of 117 >

**2,326** scholars found

Filter - 1 Clear all

Country: Panama x

[SciProfiles](#) [Google Scholar](#) [ORCID Profile](#)

**ORCID 0000-0003-2586-4115**

**RD** Rodrigo DeAntonio

CEVAXIN

h-Index 16 i10-Index 30 Average Cites 22 Cited by 1.1K

[47 journal articles](#)

[SciProfiles](#) [Google Scholar](#) [ORCID Profile](#)

ORCID 0000-0001-7647-3208

**VA** Vidal Aguilera-Cogley

Grupo de Investigación de Protección Vegetal, Centro de Innovación Agropecuaria Divisa Instituto de Innovación Agropecuaria de Panamá (IDIAP) Herrera Panama

h-Index 3 i10-Index 1 Average Cites 3 Cited by 28

[10 journal articles](#)



## Fuentes de datos de Scilit

- Crossref
- DataCite
- mEDRA
- ORCID
- National Library of Medicine (NLM) / NCBI
- PubMed
- PubMed Central
- ArXiv
- RePEc
- PeerJ
- Preprints.org
- CORE
- DOAJ
- Unpaywall
- Dataset Repository
- Repository



Base de datos multidisciplinaria que incluye patentes y ensayos clínicos, desarrollada por Digital Science del grupo editorial **Holtzbrinck Publishing Group**, lanzada en 2018.

**148 M** documentos científicos

**165 M** patentes

**32 M** datasets

**900 K** ensayos clínicos

<https://app.dimensions.ai/discover/publication>

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ACADEMIC INSTITUTIONS

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- FILTERS
- FAVORITES
- > PUBLICATION YEAR
- > RESEARCHER
- > RESEARCH CATEGORIES
- > PUBLICATION TYPE
- > SOURCE TITLE
- > JOURNAL LIST
- > OPEN ACCESS

**PUBLICATIONS** 145,260,416  
 DATASETS 31,284,347  
 GRANTS 7,142,143  
 PATENTS 161,806,887  
 CLINICAL TRIALS 834,713  
 POLICY DOCUMENTS 2,068,753

Show abstract   Sort by: RCR

Title, Author(s), Bibliographic reference - [About the metrics](#)

**A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding**

Marion M. Bradford

1976, Analytical Biochemistry - Article

A protein determination method which involves the binding of Coomassie Brilliant Blue G-250 to protein is described. The binding of the dye to protein causes a shift in the absorption maximum of the d... [more](#)

Citations 218k  
 7099.08  
 Altmetric 78  
 Add to Library  
 Add to ORCID  
 Summarize

**Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries**

Hyuna Sung, Jacques Ferlay, Rebecca L. Siegel, Mathieu Laversanne, Isabelle Soerjomataram, Ahmedin Jemal, Freddie Br... 2021, CA A Cancer Journal for Clinicians - Article

This article provides an update on the global cancer burden using the GLOBOCAN 2020 estimates of cancer incidence and mortality produced by the International Agency for Research on Cancer. Worldwide, ... [more](#)

Citations 63k  
 7077.05  
 Altmetric 3365  
 Get PDF  
 Add to Library  
 Add to ORCID  
 Summarize

**Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4**

U. K. LAEMMLI

1970, Nature - Article

Using an improved method of gel electrophoresis, many hitherto unknown proteins have been found in bacteriophage T4 and some of these have been identified with specific gene products. Four major compo... [more](#)

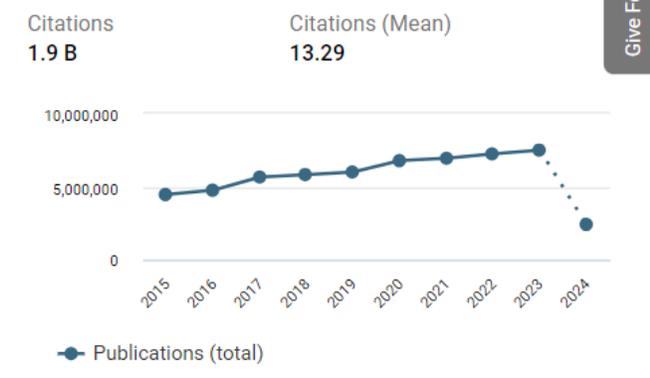
Citations 227k  
 4966.57  
 Altmetric 135  
 Add to Library  
 Add to ORCID  
 Summarize

< ANALYTICAL VIEWS

RESEARCH CATEGORIES

32 Biomedical and Clinical Sciences	32,467,591
40 Engineering	18,942,883
3202 Clinical Sciences	13,861,293
31 Biological Sciences	11,200,773
34 Chemical Sciences	9,325,927

OVERVIEW



RESEARCHERS

Ramchand T Pardasani 17,574

# Tipos de Búsqueda

FILTERS FAVORITES

- > PUBLICATION YEAR
- > RESEARCHER
- > RESEARCH CATEGORIES
- > PUBLICATION TYPE
- > SOURCE TITLE
- > JOURNAL LIST
- > OPEN ACCESS

NPL+PCA+Biology

Search in:  Full data  Title and abstract  DOI

Show abstract Sort by: RCR

Title, Author(s), Bibliographic reference - [About the metrics](#)

## Recurrent Fusion of TMRSS2 and ETS Transcription Factor Genes in Prostate Cancer

Scott A. Tomlins, Daniel R. Rhodes, Sven Perner, Saravana M. Dhanasekaran, Rohit Mehra, Xiao-Wei Sun, Sooryanarayana ...  
2005, Science - Article

Recurrent chromosomal rearrangements have not been well characterized in common carcinomas. We used a bioinformatics approach to discover candidate oncogenic chromosomal aberrations on the basis of ou... [more](#)

Citations 3.4k Altmetric 156 Add to Library Add to ORCID Summarize

## Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016

GBD 2016 Healthcare Access and Quality Collaborators, Nancy Fullman, Jamal Yearwood, Solomon M Abay, Cristiana Ab...  
2018, The Lancet - Article

BACKGROUND: A key component of achieving universal health coverage is ensuring that all populations have access to quality health care. Examining where gains have occurred or progress has faltered acr... [more](#)

Citations 725 Altmetric 3690 View PDF Add to Library Add to ORCID Summarize

## Chemical Analysis of Microplastics and Nanoplastics: Challenges, Advanced Methods, and Perspectives

Natalia P. Ivleva  
2021, Chemical Reviews - Article

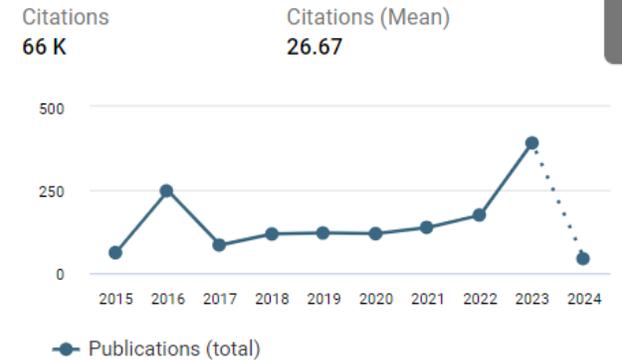
Microplastics and nanoplastics have become emerging particulate anthropogenic pollutants and rapidly turned into a field of growing scientific and public interest. These tiny plastic particles are fou... [more](#)

### < ANALYTICAL VIEWS

#### RESEARCH CATEGORIES

46 Information and Computing Sciences	404
32 Biomedical and Clinical Sciences	373
31 Biological Sciences	358
40 Engineering	211
3105 Genetics	141

#### OVERVIEW



#### RESEARCHERS

# Tipos de Filtros



All OA  
Open Access

NPL+PCA+Biology  
Free text in full data

Save / Export

## FILTERS FAVORITES

- > PUBLICATION YEAR
- > RESEARCHER
- > RESEARCH CATEGORIES
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  - Article 478
  - Edited Book 412
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### Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016

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2018, The Lancet - Article

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Natalia P. Ivleva  
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Microplastics and nanoplastics have become emerging particulate anthropogenic pollutants and rapidly turned into a field of growing scientific and public interest. These tiny plastic particles are fou... [more](#)

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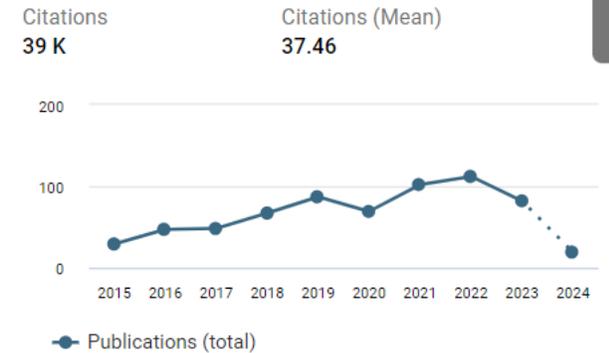
### Local and systemic responses to SARS-CoV-2 infection in children and adults

Masahiro Yoshida. Kavlee B. Worlock. Ni Huana. Rik G. H. Lindeboom. Colin R. Butler. Natsuhiko Kumasaka. Cecilia Domi...

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RESEARCH CATEGORIES	
46 Information and Computing Sciences	269
31 Biological Sciences	245
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Bo Karlsson	11

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## RESEARCHER

- Bo Karlsson 9
- Tetiana Aksenova 9 Limit to
- Lili Li 7
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- Harry Xiaming Wu 6
- Martin Lascoux 6
- Zhi-Qiang Chen 5
- Jun Chen 5
- Linghua Zhou 4
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It is not fully understood why COVID-19 is typically milder in children<sup>1–3</sup>. Here, to examine the differences between children and adults in their response to SARS-CoV-2 infection, we analysed paediatr... [more](#)

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<b>Bo Karlsson</b>	11
Forestry Research Institute of Sweden, Sweden	
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### Self-Organizing Maps

Teuvo Kohonen  
2001 - Monograph

The Self-Organizing Map (SOM), with its variants, is the most popular artificial neural network unsupervised learning category. About 4000 research articles on it have appeared in the...

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### Self-Organizing Maps

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### Self-Organizing Maps

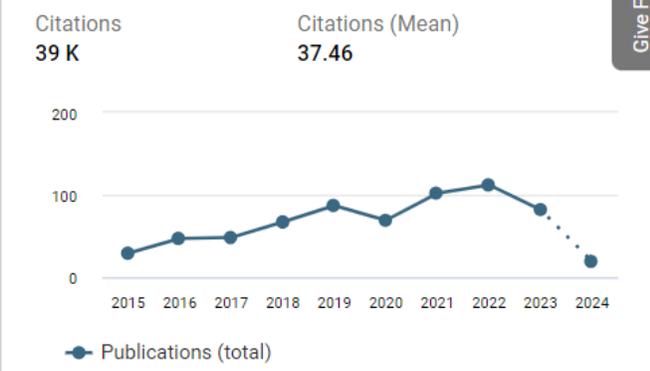
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Self-Organizing Maps deals with the most popular artificial neural-network algorithm of the unsupervised-learning category, viz. the Self-Organizing Map (SOM). As this book is the main monograph on th... [more](#)

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Publication - Article

## Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016

The Lancet, 391(10136), 2236-2271 - May 2018

[https://doi.org/10.1016/s0140-6736\(18\)30994-2](https://doi.org/10.1016/s0140-6736(18)30994-2)

### Authors

GBD 2016 Healthcare Access and Quality Collaborators

Nancy Fullman

Jamal Yearwood

866 more

### Summary

[TL;DR](#) [Key highlights](#) [Top keywords](#)

The Global Burden of Disease Study 2016 assessed personal health-care access and quality in 195 countries and territories, finding significant disparities and progress in some areas. Overall, higher levels of development and health spending were associated with better performance, but challenges remain in improving access and quality for all populations.

### Abstract

BACKGROUND: A key component of achieving universal health coverage is ensuring that all populations have access to quality health care. Examining where gains have occurred or progress has faltered across and within countries is crucial to guiding decisions and strategies for future improvement. We used the Global Burden of Diseases, Injuries, and Risk Factors Study 2016 (GBD 2016) to assess personal health-care access and quality with the Healthcare Access and Quality (HAQ) Index for 195 countries and territories, as well as subnational locations in seven countries, from 1990 to 2016. METHODS: Drawing from established methods and updated estimates from GBD 2016, we used 32 causes from which death should not occur in the presence of effective care to approximate personal health-care access and quality by location and over time. To better isolate potential effects of personal health-care access and quality from underlying risk factor patterns, we risk-standardised cause-specific deaths due to non-cancers by location-year, replacing the local joint exposure of environmental and behavioural risks with the global level of exposure. Supported by the expansion of cancer registry data in GBD 2016, we used mortality-to-incidence ratios for cancers instead of risk-standardised death rates to provide a stronger signal of the effects of personal health care and access on cancer survival. We transformed each cause to a scale of 0-100, with 0 as the

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## Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016

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- Ramchand T Pardasani 17,574
- Pushpa Pardasani 17,540
- Henry V Kehiaian 15,813
- Jean-Claude Fontaine 15,717
- Krystyna Sosnkowska-Kehiaian 15,716
- Christian Wohlfarth 11,557
- Roman E Gladyshevskii 8,125
- Karin Cenzual 8,047
- Ivan Cibulka 6,087
- Ivan Wichterle 5,750
- Zdeněk Wagner 5,704

Danny Murillo

- Murillo Danny – Universidad Tecnológica de Pan... Limit to
- Danny Murillo
- Danny V Murillo – University of Utah
- Danny Murillo-Gonzalez – Universidad Tecnológica de Pa...
- Danny Fernando Murillo Lanza – University of Valencia
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### Umbrella Review on Cancer Stem Cell in Oral and Head and Neck Squamous Cell Carcinoma.

Maedeh Banki, Mahdieh-Sadat Moosavi

2024, Journal of Stem Cells and Regenerative Medicine - Article

Cancer stem cells (CSCs) are cells in a tumor which can begin to grow, develop, and induce resistance in the tumor. Recent studies have shown that as with mesenchymal stem cells, CSCs can also regener... more

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### Joseph Needham's 'Motivations for Participation' and 'Major Roles' in the International Scientific Commission on Bacterial Warfare during the Korean War

Taewoo Kim

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### Medical Support Provided by the UN's Scandinavian Allies during the Korean War

Sekwon Jeong, You-Ki Min, Sangduk Lee

2024, Korean Journal of Medical History - Article

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ANALYTICAL VIEWS

RESEARCH CATEGORIES

32 Biomedical and Clinical Sciences	32,467,591
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3202 Clinical Sciences	13,861,293
31 Biological Sciences	11,200,773
34 Chemical Sciences	9,325,928

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RESEARCHERS

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Danny Murillo, Jeremias Herrera

2015, Proceedings of the 13th Latin American and Caribbean Conference for Engineering and Technology Engineering Education Facing the Grand Challenges What Are We Doing? - Proceeding

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2023, Proceedings of the 21th LACCEI International Multi-Conference for Engineering, Education and Technology (LACCEI 2023): "Leadership in Education and Innovation in Engineering in the Framework of Global Transformations: Integration and Alliances for Integral Development" - Proceeding

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4610 Library and Information Studies 8

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#### RESEARCHERS

Danny Murillo-Gonzalez 6  
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Danny Murillo 5

Sucel López 4  
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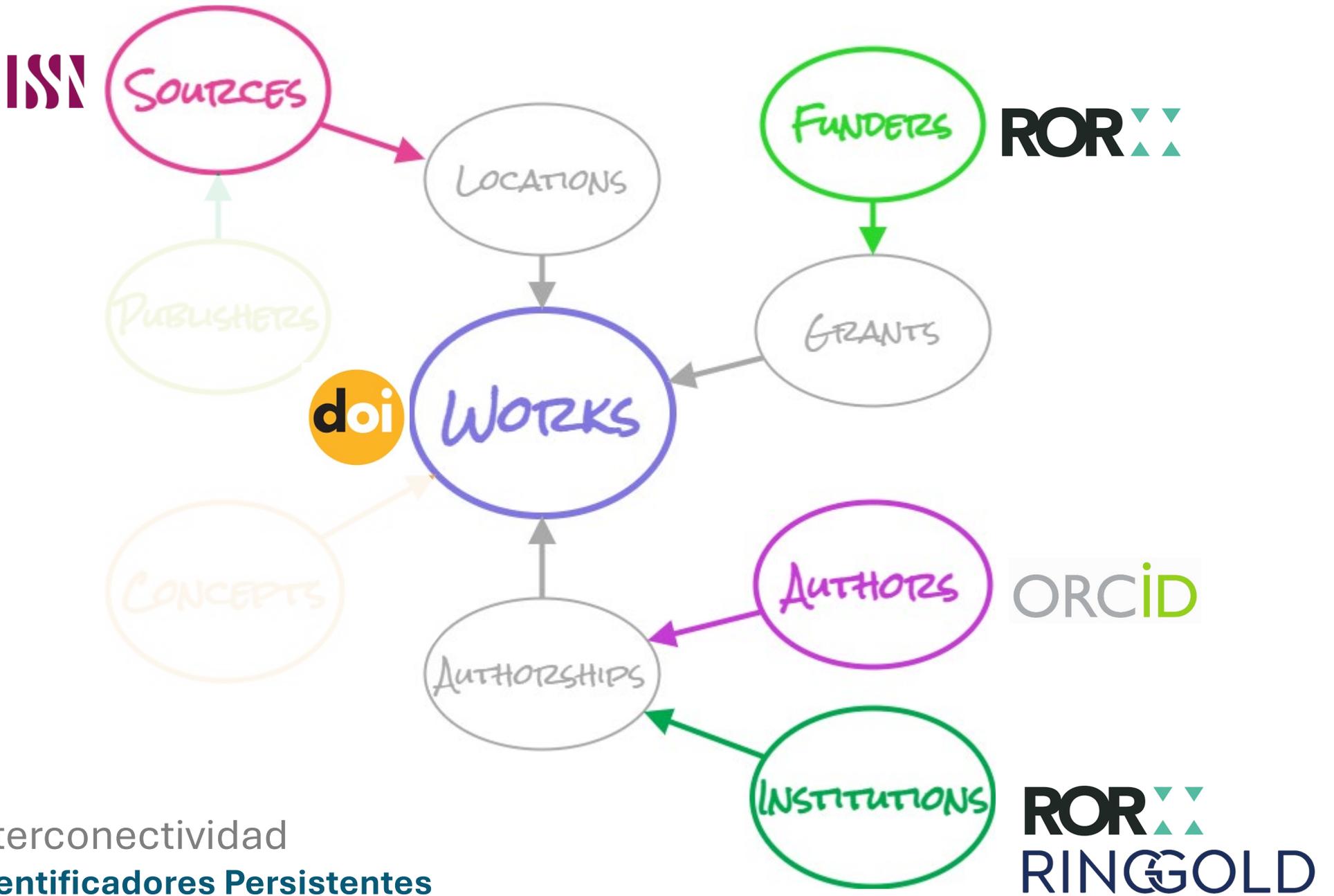
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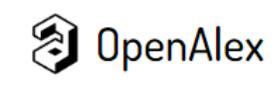
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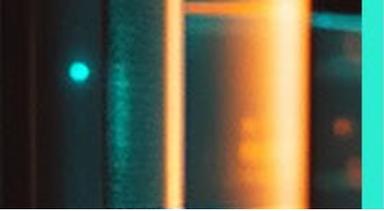
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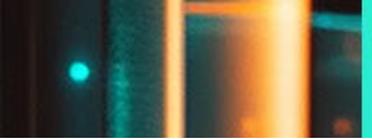
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2020 · Damian Szklarczyk, Annika L. Gable, et al. · *Nucleic acids research*

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The BioGRID interaction database: 2015 update

2014 · Andrew Chatr-aryamontri, Bobby-Joe Breitkreutz, et al. · *Nucleic acids research*

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miRTarBase 2016: updates to the experimentally validated miRNA-target interactions database

2015 · Chih-Hung Chou, Nai Wen Chang, et al. · *Nucleic acids research*

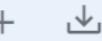
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The BioGRID interaction database: 2019 update

2018 · Rose Oughtred, Chris Stark, et al. · *Nucleic acids research*

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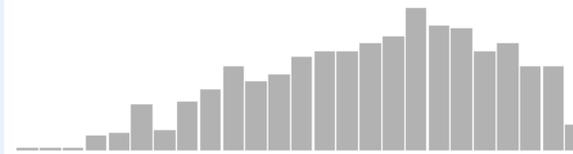
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United States Department of Health and Human Services 18

National Institutes of Health 18

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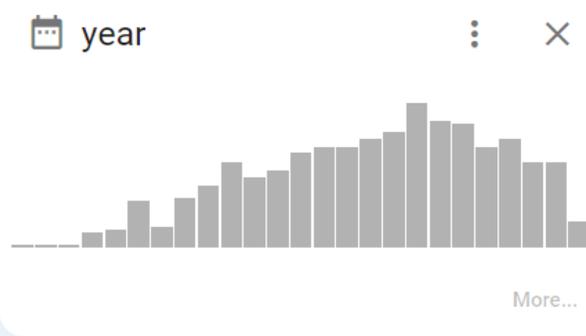
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2020 · Damian Szklarczyk, Annika L. Gable, et al. · *Nucleic acids research*

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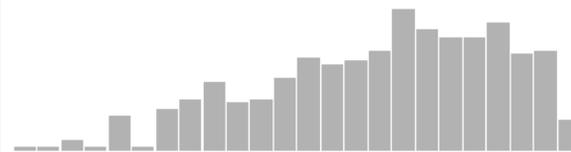
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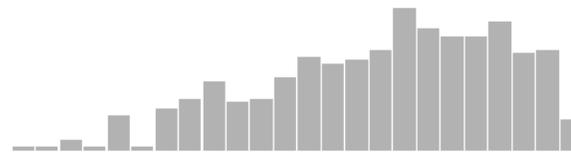
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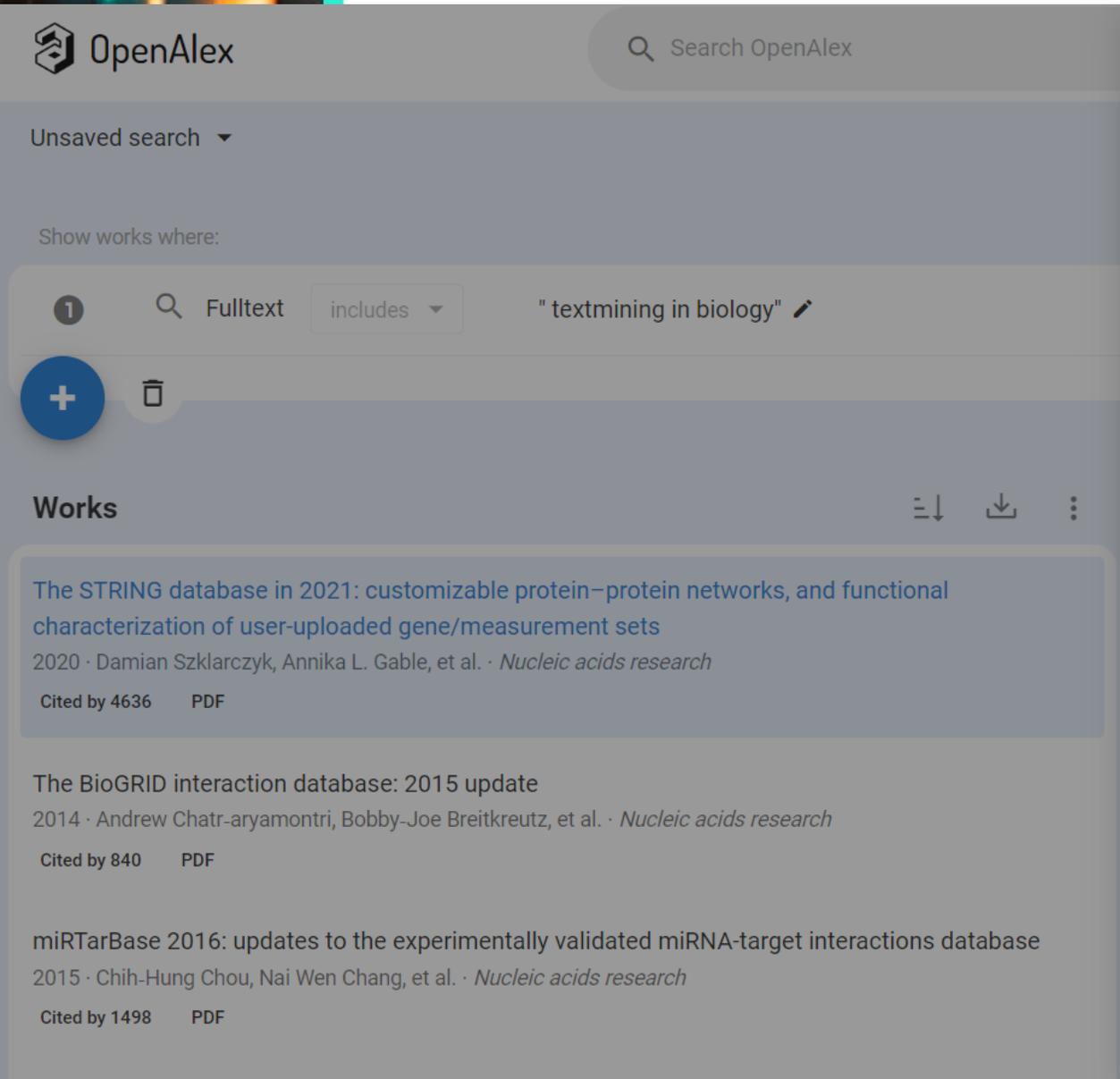
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**Year:** 2020

**Type:** article

**Abstract:** Cellular life depends on a complex web of functional associations between biomolecules. Among these associations, protein–protein interactions are particularly important due to their versatility, spe... [more](#)

**Source:** [Nucleic acids research](#)

**Authors** [Damian Szklarczyk](#), [Annika L. Gable](#), [Katerina C. Nastou](#), [David Lyon](#), [Rebecca Kirsch](#) [+7 more](#)

**Institutions** [SIB Swiss Institute of Bioinformatics](#), [University of Zurich](#), [Novo Nordisk Foundation](#), [University of Copenhagen](#), [University of Turku](#) [+5 more](#)

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### Protein Measurement With The Folin Phenol Reagent

1951 · Oliver H. Lowry, N. J. Rosebrough, et al. · *Journal of biological chemistry*/*The Journal of biological chemistry*

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### Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4

1970 · Ulrich K. Laemmli · *Nature*

Cited by 234.500

A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding

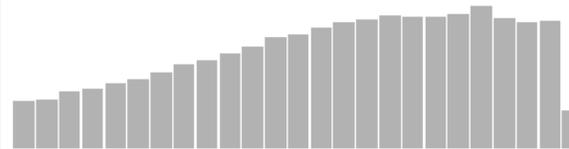
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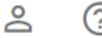
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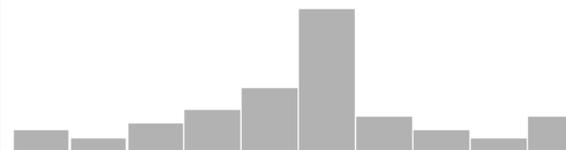
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Implementación de Plataforma Digital de Revistas Académicas y Científicas electrónicas en la Universidad Tecnológica de Panamá para mejorar su visibilidad a nivel nacional e internacional

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2019 · Danny Murillo, Madelaine Fernandez, et al. · 2019 7th International Engineering, Sciences and Technology Conference (IESTEC)

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La Usabilidad ha muerto

2014 · Danny Murillo, José Laguardia, et al. · *El Tecnológico*

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Use of wireframes and mockup on the redesign of a university website using the methodology User Centered Design

2015 · Danny Murillo, Jeremias Herrera

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Algoritmo automático para la instalación estructurada Dspace en Ubuntu, utilizado en la implementación del repositorio institucional de la Universidad Tecnológica de Panamá

2017 · Hurviades Calderón, Danny Murillo

Cited by 0

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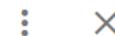


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### Works

Global and regional mortality from 235 causes of death for 2000–2012: a systematic analysis for the Global Burden of Disease Study 2012 · Rafael Lozano, Mohsen Naghavi, et al. · *The Lancet*  
Cited by 13.390

Global, regional, and national prevalence of overweight and obesity among children and adults aged 11 years and younger, 1980–2013: a systematic analysis for the Global Burden of Disease Study 2014 · Peter W. Gething, Tom Fleming, et al. · *The Lancet*  
Cited by 11.060 PDF

Disability-adjusted life years (DALYs) for 291 diseases and injuries in 2010: a systematic analysis for the Global Burden of Disease Study 2012 · Christopher J L Murray, Theo Vos, et al. · *The Lancet*  
Cited by 8628

Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries in 2010: a systematic analysis for the Global Burden of Disease Study 2012 · Theo Vos, Florian Fischer, et al. · *The Lancet*  
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Historical Overfishing and the Recent Collapse of Coastal Ecosystems · Jeremy B. C. Jackson, Michael Xavier Kirby, et al. · *Science*  
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## Works

Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in young children in 2015: a systematic review and modelling study

2017 · Ting Shi, David McAllister, et al. · *The Lancet*

Cited by 1867 PDF

Outline of Fungi and fungus-like taxa – 2021

2022 · NN Wijayawardene, KD Hyde, et al. · *Mycosphere*

Cited by 291

New scientific discoveries: Plants and fungi

2020 · Martin Cheek, Eimear Nic Lughadha, et al. · *Plants People Planet*

Cited by 218 PDF

Ten simple rules for Global North researchers to stop perpetuating helicopter research in the Global South

2021 · Danny Haelewaters, Tina A. Hofmann, et al. · *PLoS Computational Biology*

Cited by 144 PDF

Nest Poaching in Neotropical Parrots

2001 · Timothy F. Wright, Catherine A. Toft, et al. · *Conservation Biology*

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Phylogenetic Systematics of Dart-Poison Frogs and Their Relatives Revisited (Anura: Dendrobatoidea)

2017 · Taran Grant, Marco Rada, et al. · *South American Journal of Herpetology*

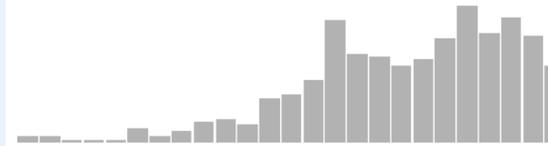
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## IPEM code of practice for high-energy photon therapy dosimetry based on the NPL absorbed dose calibration service

D. Eaton

G. Bass

+7 authors

A. Nisbet

Medicine, Physics · [Physics in Medicine and Biology](#)

5 June 2020

**TLDR** This updated COP recommends the irradiation geometries, the choice of ionisation chambers, appropriate correction factors and the derivation of absorbed dose to water calibration coefficients, for carrying out reference dosimetry measurements on MV external beam radiotherapy machines. [Expand](#)



8

PDF



## Corrigendum: IPEM code of practice for high-energy photon therapy dosimetry based on the NPL absorbed dose calibration service (2020 Phys. Med. Biol. 65 195006)

D. Eaton

G. Bass

+7 authors

A. Nisbet

Medicine, Physics · [Physics in Medicine and Biology](#)

3 December 2020

**TLDR** Radiotherapy Physics, Northern Ireland Cancer Centre, Belfast Health and Social Care Trust, Belfast, United Kingdom and Institute of Physics and Engineering in Medicine (IPEM) working party, York, United Kingdom. [Expand](#)



PDF



## The IPEM code of practice for determination of the reference air kerma rate for HDR 192Ir brachytherapy sources based on the NPL air kerma standard

A. Bidmead

T. Sander

+4 authors

A. Flynn

Engineering, Medicine · [Physics in Medicine and Biology](#)

7 June 2010

**TLDR** It is recommended that the measured RAKR determined with a calibrated well chamber traceable to the NPL 192Ir primary standard is used in the treatment planning system and the measurement uncertainty in the source calibration based on this COP has been reduced considerably compared to other methods based on interpolation techniques. [Expand](#)



24



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R. Gentler  
15 September

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## Computational biology and bioinformatics

Computer Science, Biology · [Genome Biology](#)

The collaborative creation of extensible software  
challenges are described. [Expand](#)

## Systems-biology dissection of eukaryotic cell growth

T. Przytycka · Justen Andrews · Biology, Engineering · [BMC Biology](#) · 24 May 2010

A recent article in [BMC Biology](#) illustrates the use of a systems-biology approach to integrate data across the transcriptome, proteome and metabolome of budding yeast in order to dissect the... [Expand](#)

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## Liquid-liquid phase separation in biology.

A. Hyman · C. Weber · F. Jülicher · Biology, Chemistry · [Annual Review of Cell and Developmental Biology](#) · 6 October 2014

TLDR The basic physical concepts necessary to understand the consequences of liquid-like states for biological functions are discussed. [Expand](#)

2046 PDF PubMed Save Cite

## CellProfiler 3.0: Next-generation image processing for biology

C. McQuin · A. Goodman · +12 authors · Anne E Carpenter · Computer Science, Biology · [PLoS Biology](#) · 1 July 2018

TLDR CellProfiler 3.0 is described, a new version of the software supporting both whole-volume and plane-wise analysis of three-dimensional image stacks, increasingly common in biomedical research. [Expand](#)

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## Ferroptosis: mechanisms, biology and role in disease

Xuejun Jiang B. Stockwell M. Conrad Medicine, Biology · [Nature reviews. Molecular cell biology](#) ·

25 January 2021

**TLDR** This Review provides a critical analysis of the current molecular mechanisms and regulatory networks of ferroptosis, the potential physiological functions of ferroptosis in tumour suppression and immune surveillance, and its pathological roles, together with a potential for therapeutic targeting.

[Expand](#)

## Human organoids: model systems for human biology and medicine

Jihoon Kim B. Koo J. Knoblich Medicine, Biology · [Nature reviews. Molecular cell biology](#) · 7 July 2020

**TLDR** The applications, advantages and disadvantages of human organoids as models of development and disease and the challenges that have to be overcome for organoids to be able to substantially reduce the need for animal experiments are discussed. [Expand](#)

## Biology of

T. Sota Biology · [Evolutionary Biology of Carabus Ground Beetles](#) · 25 November 2021

**TLDR** The biological characteristics of the European flounder of the lower reaches of the Mezen River and the relationship between the length and mass of the river body is described by a power function.

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## Defining roles of specific reactive oxygen species (ROS) in cell biology and physiology

H. Sies V. Belousov +6 authors C. Winterbourn Biology, Medicine ·

[Nature reviews. Molecular cell biology](#) · 21 February 2022

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## Bioconductor: open software development for computational biology and bioinformatics

R. Gentleman, V. Carey, +22 authors | Jianhua Zhang • Published in *Genome Biology* 15 September 2004 • Computer Science, Biology

**TLDR** Details of the aims and methods of Bioconductor, the collaborative creation of extensible software for computational biology and bioinformatics, and current challenges are described. [Expand](#)

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DOI: 10.1186/gb-2004-5-10-r80 • Corpus ID: 4794285

# Bioconductor: open software development for computational biology and bioinformatics

R. Gentleman, V. Carey, +22 authors Jianhua Zhang • Published in *Genome Biology* 15 September 2004 • Computer Science, Biology

**TLDR** Details of the aims and methods of Bioconductor, the collaborative creation of extensible software for computational biology and bioinformatics, and current challenges are described.

**Abstract** The Bioconductor project is an initiative for the collaborative creation of extensible software for computational biology and bioinformatics. The goals of the project include: fostering collaborative development and widespread use of innovative software, reducing barriers to entry into interdisciplinary scientific research, and promoting the achievement of remote reproducibility of research results. We describe details of our aims and methods, identify current challenges, compare Bioconductor to other open bioinformatics projects, and provide working examples.

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### Orchestrating high-throughput genomic analysis with Bioconductor

W. Huber

V. Carey

+23 authors

Martin T. Morgan

Computer Science, Biology · [Nature Methods](#) · 2015

**TLDR** An overview of Bioconductor, an open-source, open-development software project for the analysis and comprehension of high-throughput data in genomics and molecular biology, which comprises 934 interoperable packages contributed by a large, diverse community of scientists.

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### Open source tools and toolkits for bioinformatics: significance, and where are we?

J. Stajich

H. Lapp

Biology, Computer Science · [Briefings Bioinform.](#) · 2006

**TLDR** This review summarizes important work in open-source bioinformatics software that has occurred over the past couple of years and uses a few selected projects encompassing toolkit libraries, analysis tools, data analysis environments and interoperability standards to show how freely available and modifiable open-source software can serve as the foundation for building important applications, analysis workflows and resources.

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### Scalable Genomics with R and Bioconductor

Michael F. Lawrence

Martin T. Morgan

Computer Science, Biology · [Statistical Science](#) · 2014

**TLDR** This paper reviews strategies for solving problems encountered when analyzing large genomic data sets and describes the implementation of those strategies in R by packages from the Bioconductor project, including restrictive queries, compression, iteration and parallel computing.

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👍 9

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### Biogem: an effective tool-based approach for scaling up open source software development in bioinformatics

D. Bernal

L. Aerts

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D. Brin

Biology, Computer Science · [Bioinform.](#) · 2012

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**Danny Murillo** Sucel López Education • [Proceedings of the LACCEI international multi...](#) • 2023

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Robinson Zapata

Omar López

[Revista Española de Documentación Científica](#)

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Danny Murillo-Gonzalez

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Danny Murillo-Gonzalez

Sucel López

[Computer Science, Environmental Science](#)

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Universidad Tecnológica de Panamá

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# IA Generativas

La IA Generativa (IAGen) es una tecnología de inteligencia artificial (IA) que genera contenidos de forma automática en respuesta a instrucciones escritas en interfaces conversacionales de lenguaje natural (prompts).

## Técnicas en IA Generativa

- Aprendizaje automático (AA)
- Red neuronal artificial (RNA)
- **IA Generativa de Texto** : (Transformador generativo preentrenado (GPT))
- IA generativa de imágenes

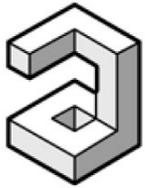
# GPT de OpenAI

Modelo	Lanzamiento	Cantidad de datos para entrenamiento	Cantidad de parámetros	Características
GPT-1	2018	40 GB	117 millones	Capaz de realizar tareas de procesamiento del lenguaje natural, como completar textos y responder preguntas.
GPT-2	2019	40 GB	1,500 millones	Capaz de realizar tareas más complejas de procesamiento del lenguaje natural, como traducción automática y elaboración de resúmenes.
GPT-3	2020	17,000 GB	175,000 millones	Capaz de realizar tareas avanzadas de procesamiento del lenguaje natural, como escribir párrafos coherentes y generar artículos completos. También es capaz de adaptarse a nuevas tareas a partir de unos pocos ejemplos.
GPT-4 <sup>6</sup>	2023	1,000,000 GB (informado, sin confirmación)	170,000,000 millones (informado, sin confirmación)	Confiabilidad aumentada, capacidad para procesar instrucciones más complejas.

# Datasets



Dimensions



OpenAlex

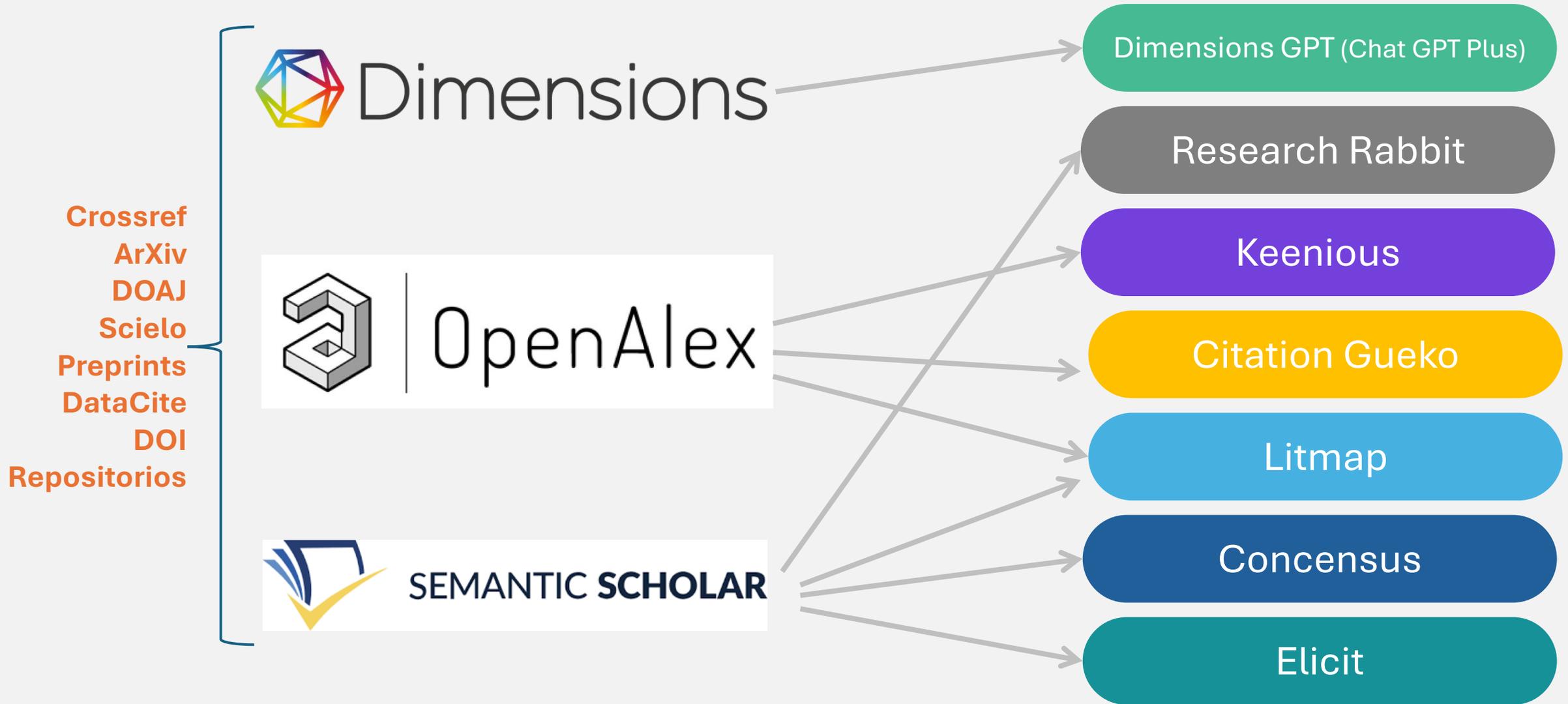


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# Datasets

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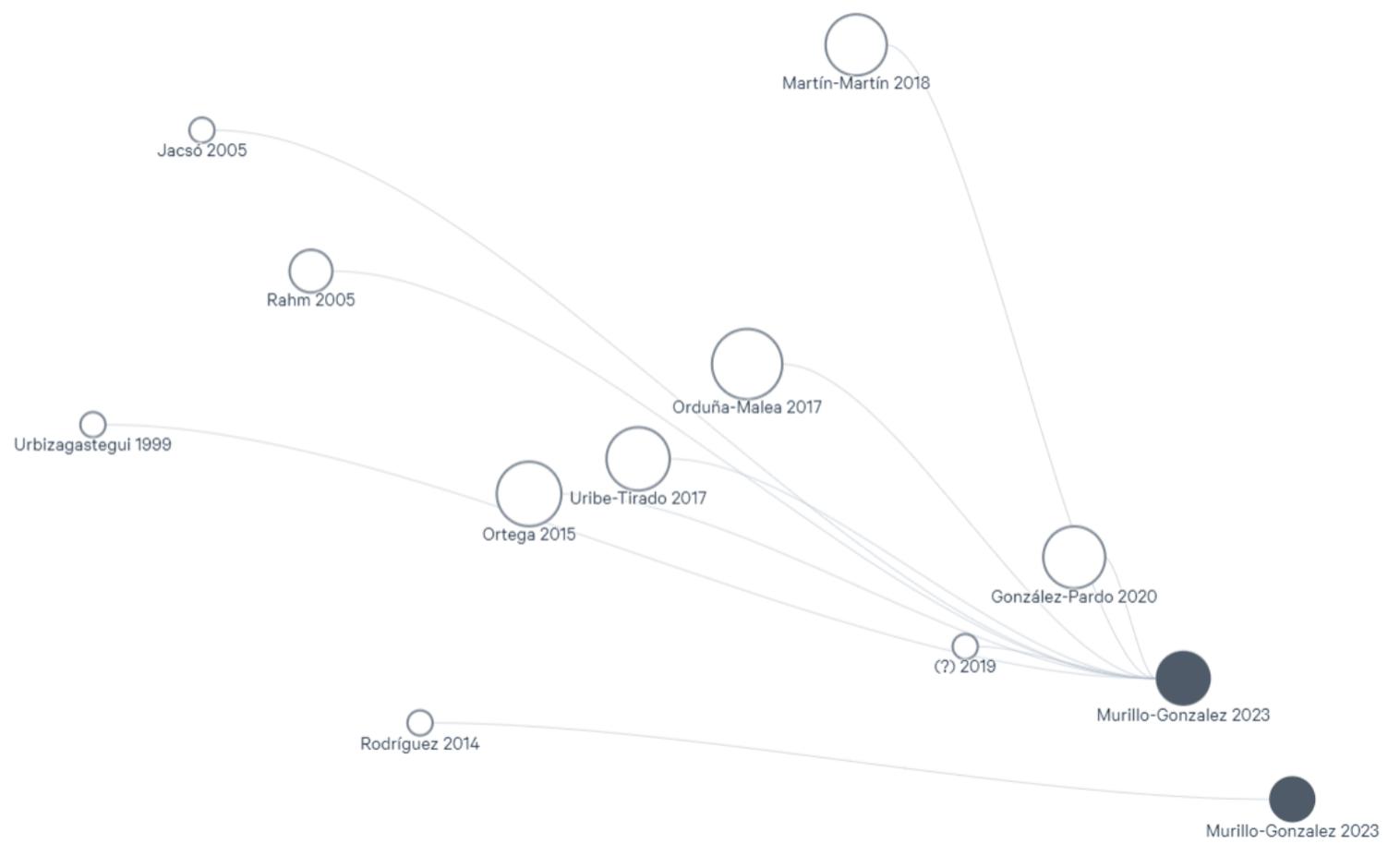
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# GTP con datos de bases de datos especializadas



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## Resumen

- Las nuevas bases de datos tienen mayor cobertura que bases de datos como SCOPUS y WoS, pero no reemplazan ni sus indicadores, ni sus criterios de calidad.
- Las bases de datos y recolectores son un **recurso de visibilidad** de las publicaciones científicas, por lo que es importante conocer su uso y las fuentes de sus recursos.
- Las bases de datos con indicadores bibliométricos permiten conocer **el impacto** de las publicaciones, sin embargo, las Almetrics permiten **evaluar el impacto social** .
- Es importante entender que las **IA Generativas aprenden de información** que se encuentran en estas bases de datos por lo que es importante poder estar integrados en ellas.

# Consultas...

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