



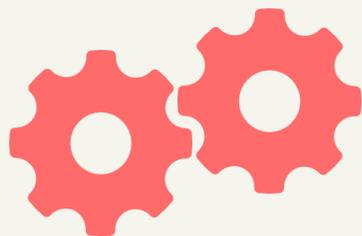
# การใช้ฐานข้อมูล Scopus/Scopus AI และ ScienceDirect เพื่อการศึกษาค้นคว้าวิจัย

**Data | Curated. Connected. Complete**

Dr Yoottapong Klinthongchai  
Customer Success Manager  
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**ELSEVIER**



Advancing human progress together

# Outline



**1**

Introducing to Scopus / ScopusAI

**2**

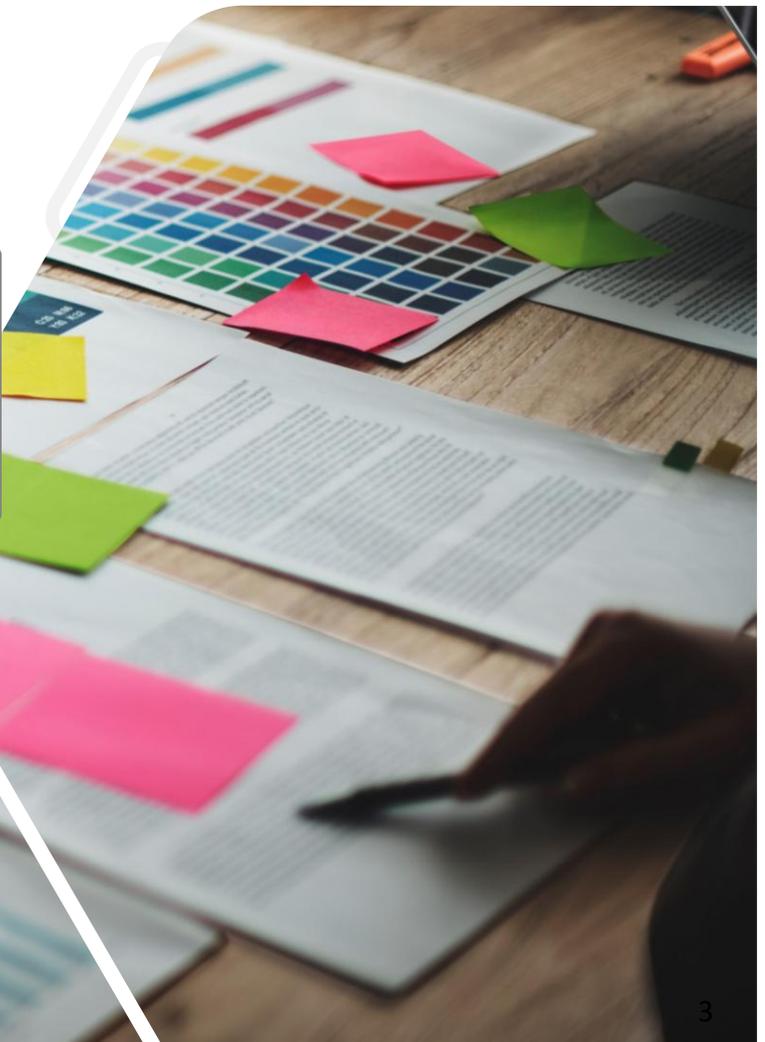
Introduction to ScienceDirect

**3**

Other research tools

**4**

Q&A

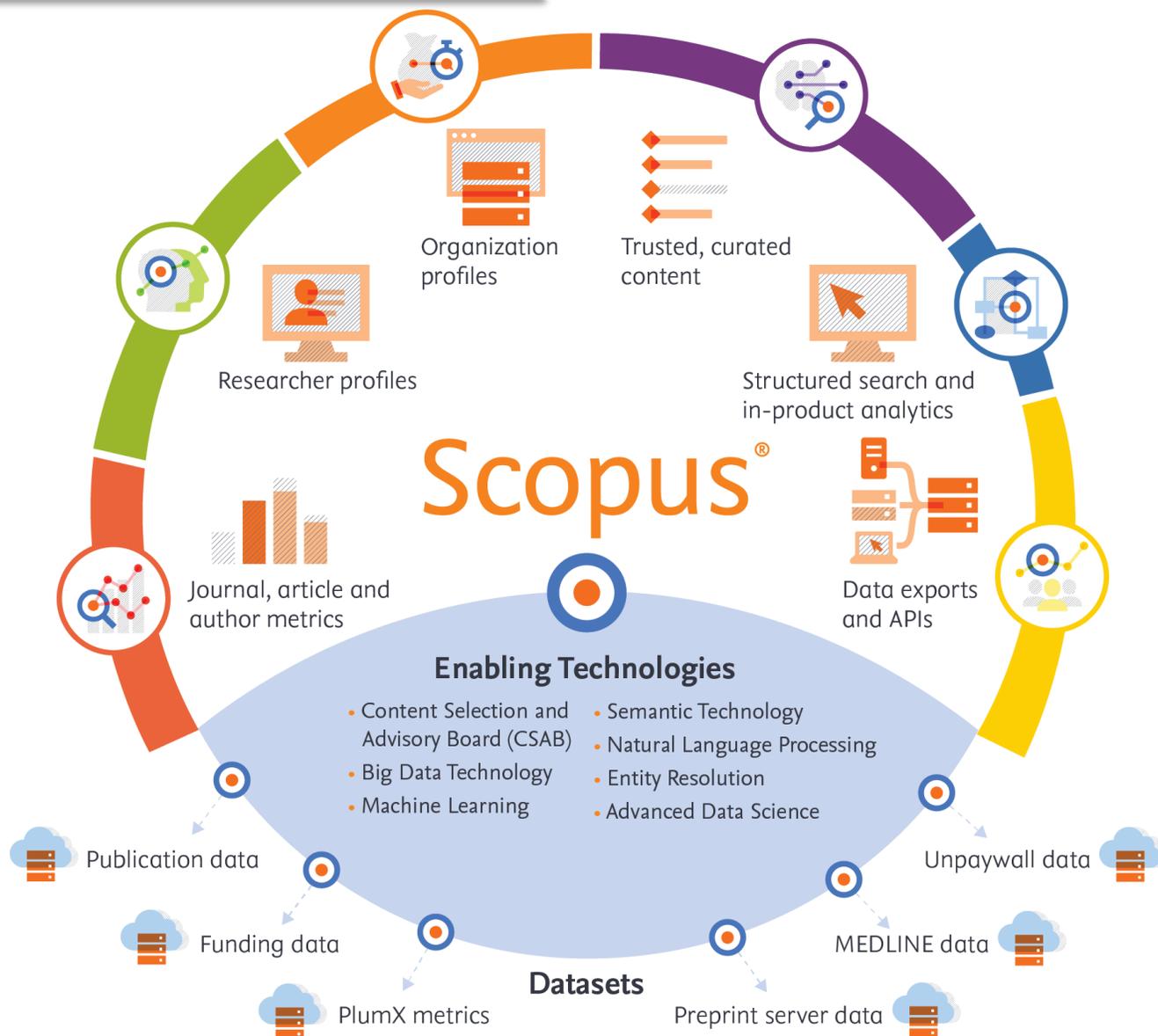


# Introducing to Scopus

# Introducing to Scopus



Powerful search, profiles, metrics, APIs and structured data to help you **progress, evaluate and reflect** your institution's research activity



## Featuring

- 85M+ items
- 94K+ organization profiles
- 17M+ researcher profiles
- 3.5M+ awards and 450+ funders

## From

- 27.1K serials, 140K conferences, 253K books, 5,408 active Gold OA journals, from 7K+ publishers in 105 countries
- 18.40M OA documents
- 1.10M preprints
- "Articles in Press" from >8,740 titles

## Daily updates

- ~11K articles indexed per day indexed

# Support researchers across their careers, from students through to advanced researchers, instructors, faculty, editors, and team leads, providing trusted content, profiles and intuitive access

Powerful search, filters, and refinement to surface insights within researcher workflows

Researcher profiles to power researcher networks and advance careers

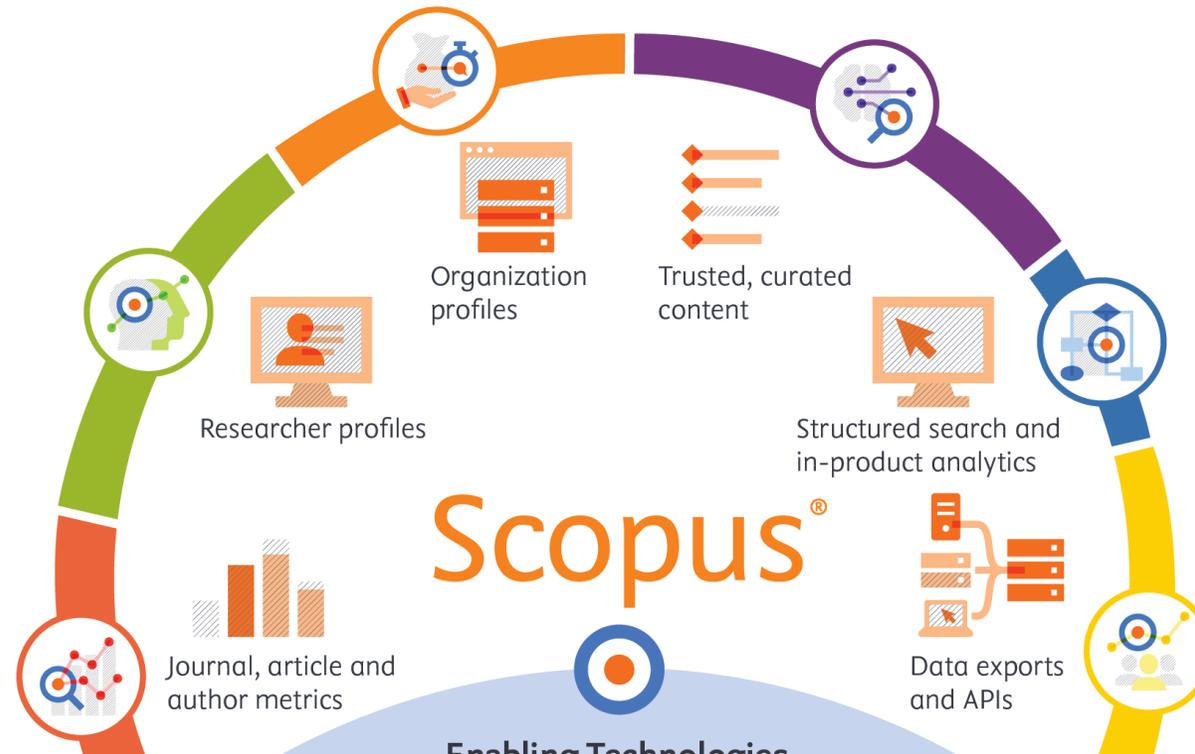
Organization profiles to surface expertise and inform analyses

Curated, multi-disciplinary, current, global content to inspire confidence

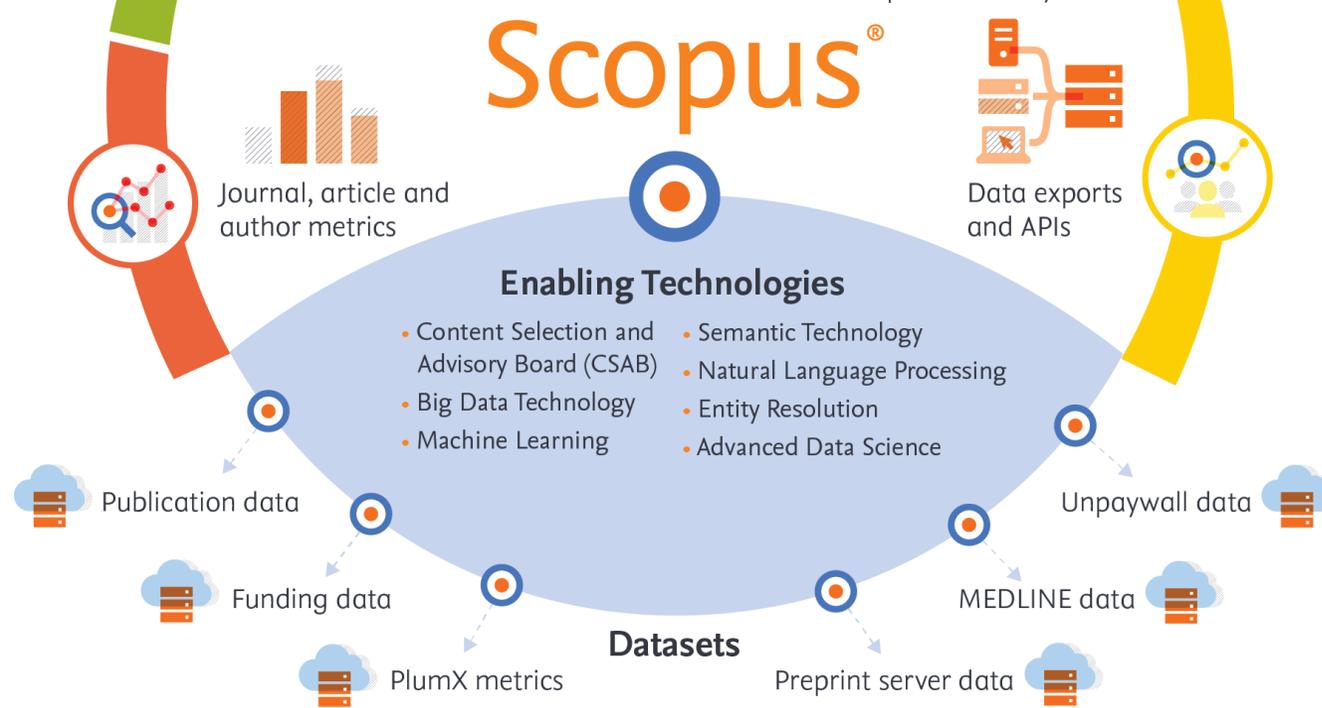
Continual improvement speed and ease of use, signals around research, and discovery and analysis

Intuitive, powerful search, trusted content and comprehensive content

...Insights to help you progress your research



Powerful linked data,  
disambiguated, connected to  
key research entities...



...Insights for  
evaluations you can  
trust

Inform evidence-based researcher and organizational evaluations by helping faculty, team leads, librarians and administrators populate reports, assessments and analyses with ease and confidence

CSAB curated data set of sources  
with strict reassessment policies

Research landscape analyses that  
inform policies for organization  
hierarchies

Disambiguation technology for  
author and organization names

Targets for completeness and  
correctness to continually  
improve

Assessment of research landscape needs to target new data types for integration

## Progress your research

Intuitive, powerful search, with trusted and comprehensive content

Insights to help you progress your research with confidence

## Evaluate your research

Powerful linked data, disambiguated, connected to key research entities

Insights for comprehensive evaluations you can trust

## Reflect your research

The most accurate reflections of your research entities, structured in linked, flexible data

Built to scale, integrate and hone to meet your most stringent demands and highest value decisions



Teaching next generation researchers



Supporting career growth & development



Signaling researcher impact



Signaling organizational impact



Inform global rankings calculations



Inform national and regional assessments



Glean insights from custom adaptations and analyses



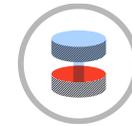
Helping research thrive



Supporting the scholarly record



Inform analyses of global and regional research trends



Power repositories and RIMS with profile data



Librarians



Students



Faculty & researchers



Editors



Librarians



Heads of department



Faculty & researchers



Research Services



Librarians



Heads of department



Faculty & researchers



Research Services

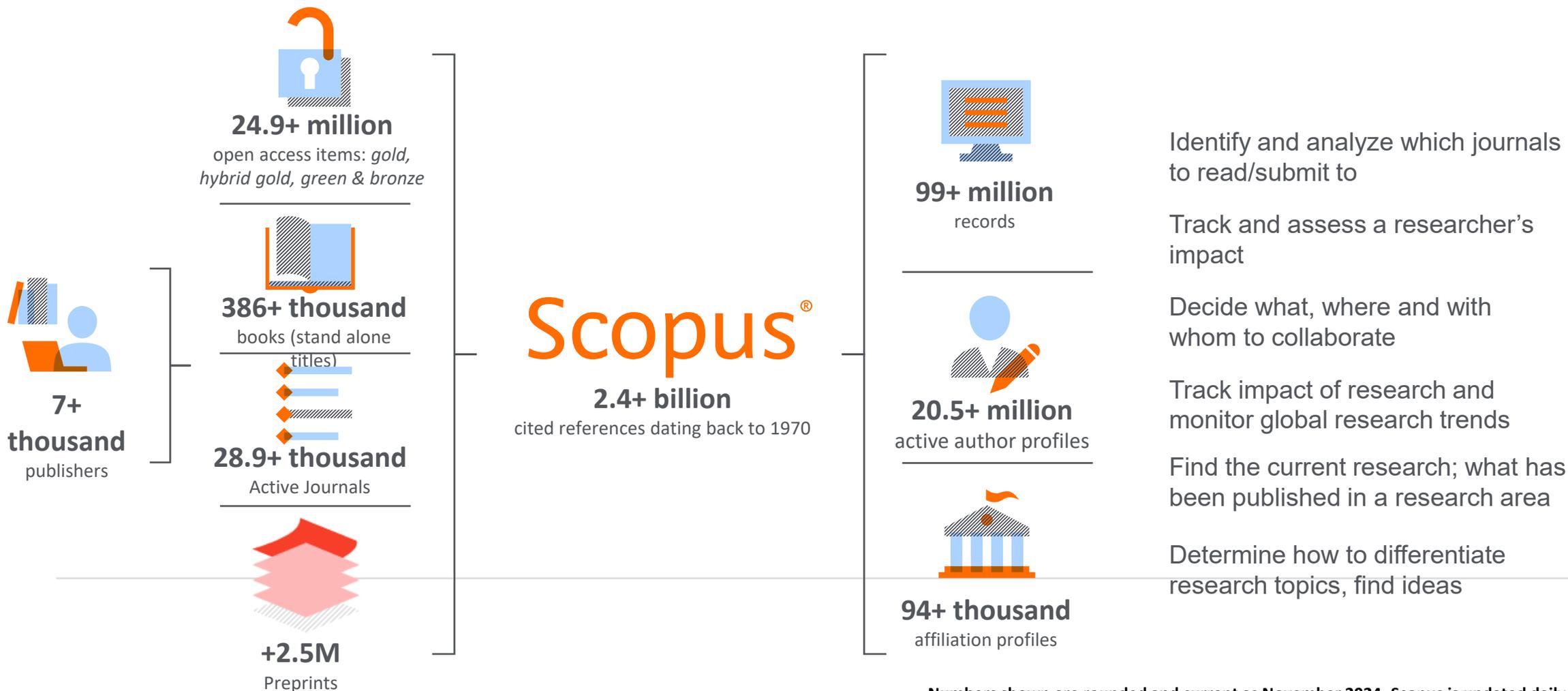
Key Challenges

Stakeholders

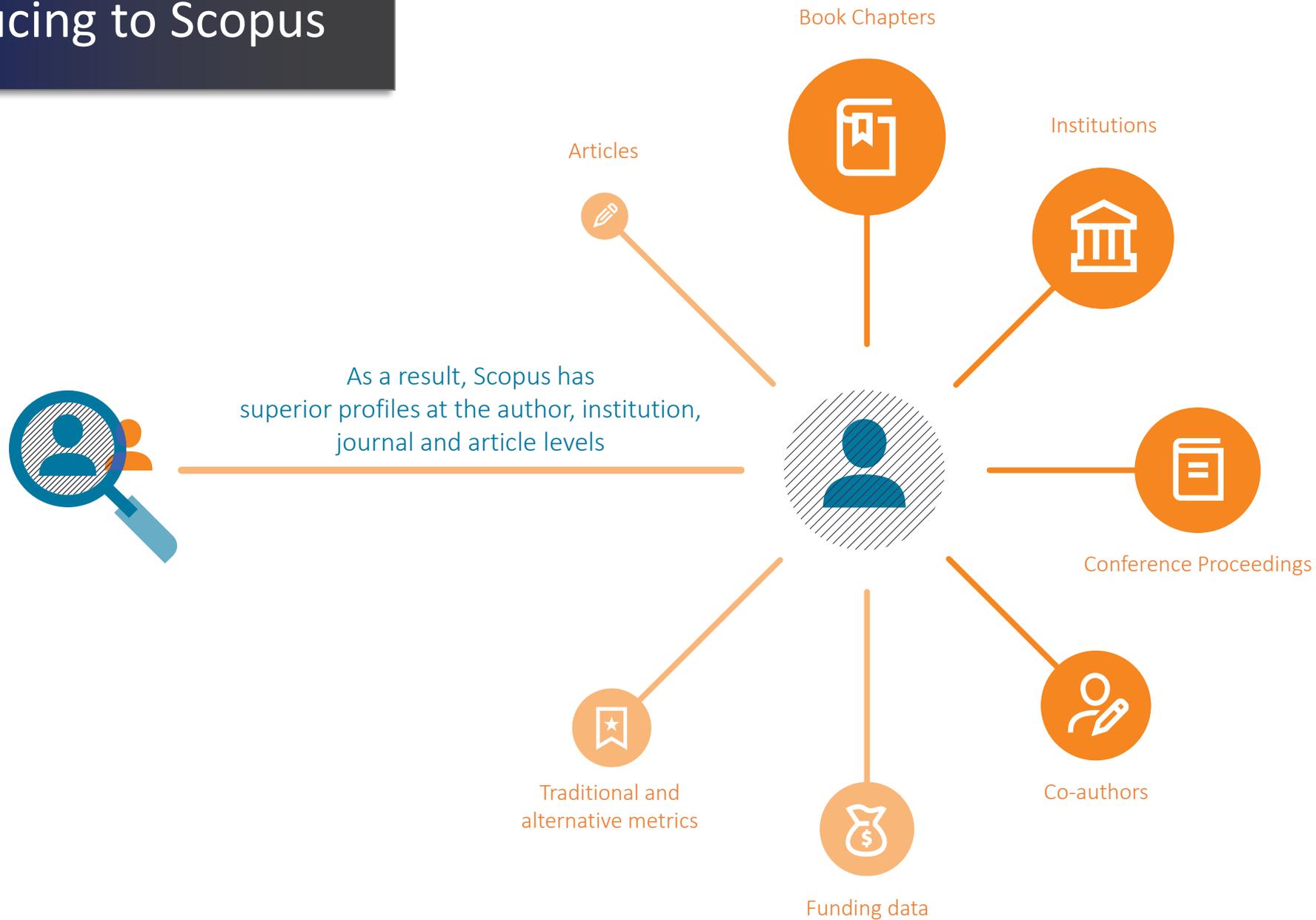
# Introducing to Scopus



Curated, enriched and connected data that surfaces signals about research that are intuitive to access and understand



# Introducing to Scopus



## Global Representation means global discovery

### Comprehensive coverage

#### Globally sourced

- **7,000+ publishers**
- **105 countries**
- **40 languages**

#### Format and historically inclusive

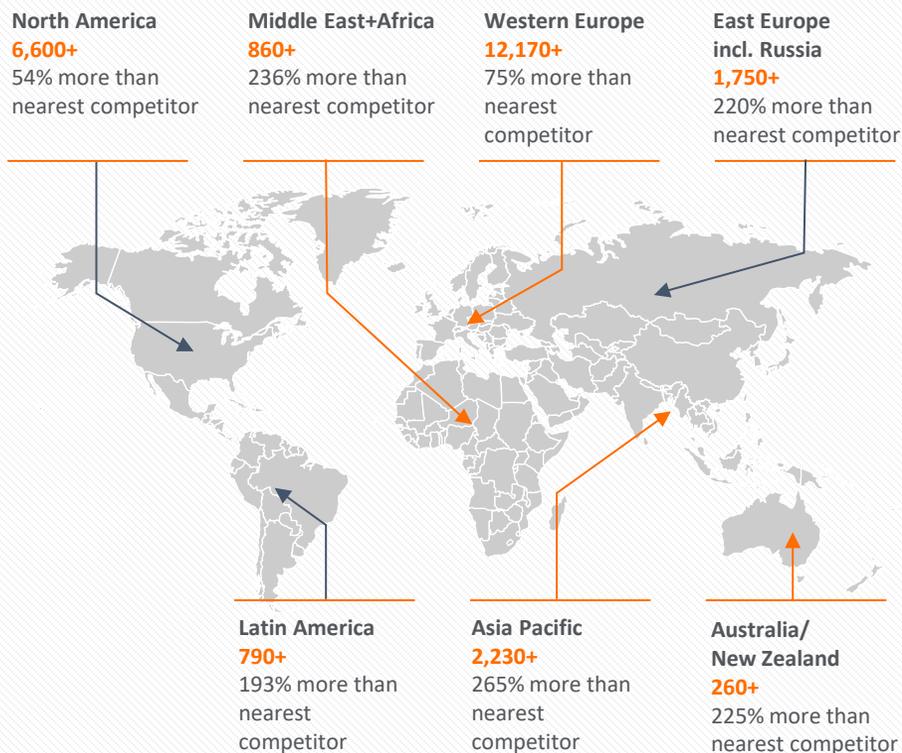
- **50%–230%** more global content
- Historical coverage **back to 1788**
- **18.4 M open access documents**
- Multiple regional content types (**journals, conferences, books, book series**)

#### Current

- **Updated daily**

### Global Representation

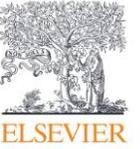
(number of titles)





# What content is in Scopus?

# Scopus Coverage Summary



Global representation means global discovery across all subjects and content types

**989M** records from **28.9K** active journals, **161K** conferences and **386K** books (stand alone titles)  
from more than **7,000** publishers in **105** countries

- Updated daily—approximately **13,000** articles per day indexed
- **24.9M** open access documents (Gold, Hybrid Gold, Bronze & Green)
- **2.5M** preprints from multiple preprint servers
- **7,911** active Open Access journals

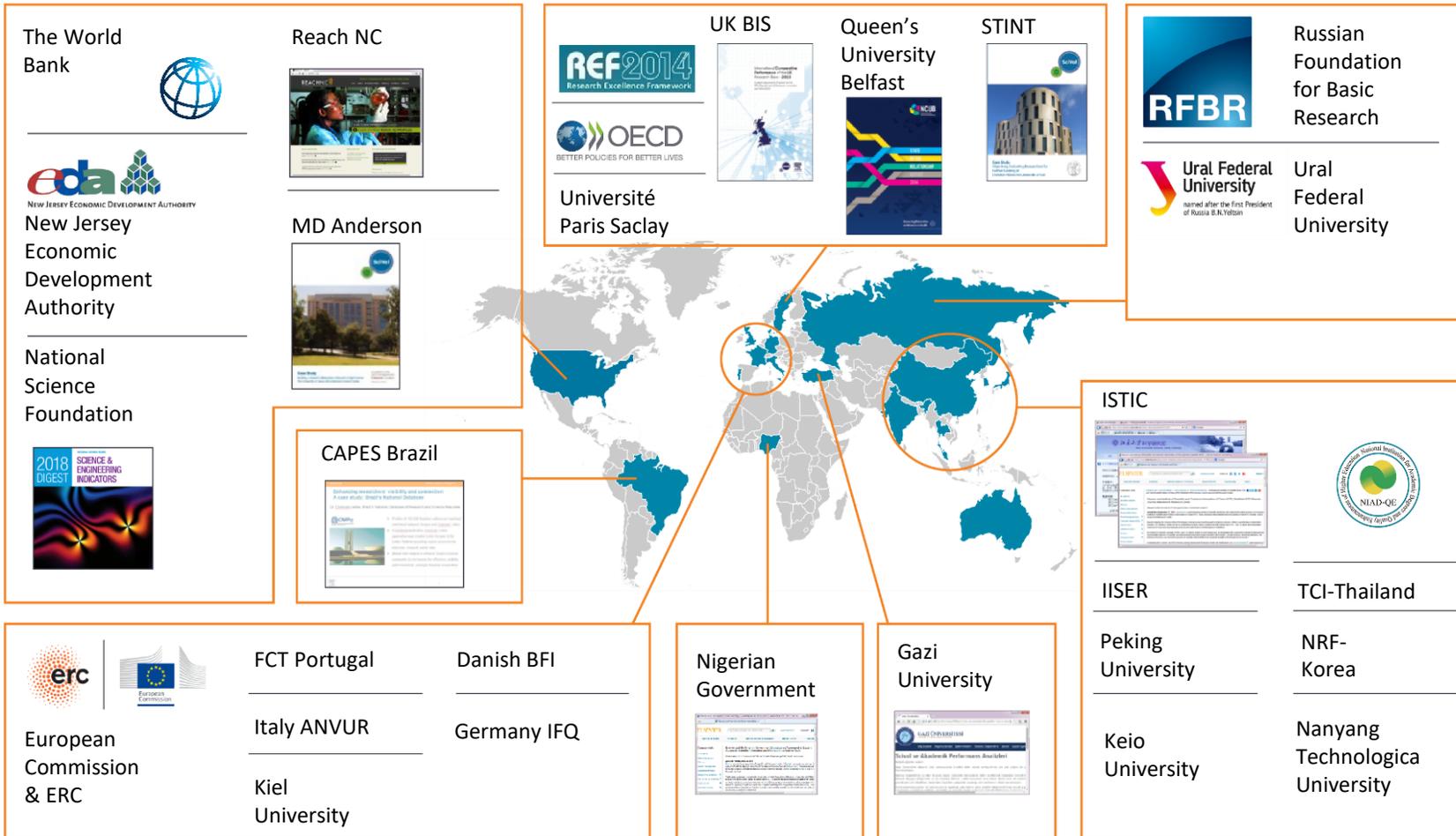
Number of journals by subject area**	Journals	Conferences	Books	Preprints
<b>Physical sciences</b> <b>15,634</b>	<b>28,932**</b> active peer-reviewed journals <b>186</b> trade journals	<b>161K</b> conference events <b>12.58M</b> conference papers	<b>386K</b> stand-alone books <b>3.44M</b> total book items	<b>2.5M</b> preprints
<b>Health sciences</b> <b>15,475</b>	<b>7,911</b> OA Journals (DOAJ/ROAD) <b>22.8M</b> fully-indexed funding acknowledgements		Focus on Social Sciences and A&H	7 preprint servers:
<b>Social sciences</b> <b>16,179</b>	<ul style="list-style-type: none"><li>• Full metadata, abstracts and cited references (refs post-1970 only)</li><li>• Citations back to 1970</li></ul>	Mainly Engineering and Computer Sciences		<ul style="list-style-type: none"><li>• arXiv</li><li>• ChemRxiv</li><li>• bioRxiv</li><li>• medRxiv</li><li>• SSRN</li><li>• TechRxiv</li><li>• Research Square</li></ul>
<b>Life sciences</b> <b>8,379</b>				

\*Journals may be classified in multiple subject areas: this count includes current actively indexed titles only

\*\*Total number of Scopus journals in database including inactive titles is 44,724

# Introducing to Scopus

**Scopus** is the Gold Standard:  
Evaluation, ranking, reporting, landscape analysis and other strategic efforts



## Rankings Organizations



# Introducing to Scopus



## World university rankings – QS

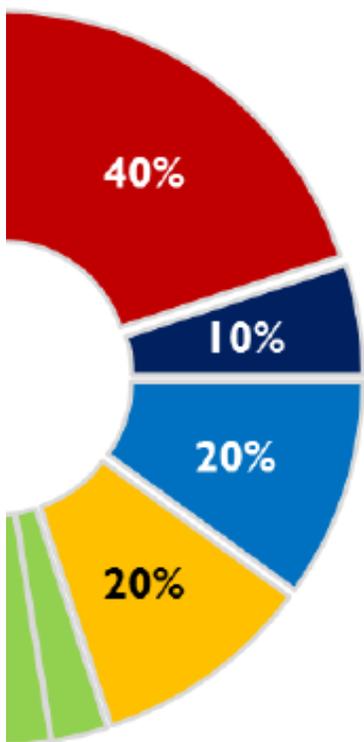
University Rankings use a combination of expert opinion (surveys) and objective data (including from Scopus)



QS World University Rankings – <http://www.topuniversities.com/university-rankings/world-university-rankings>

Published since 2004 by Quacquarelli Symonds

Formerly (until 2009) produced with Times Higher Education as *THE-QS World University Rankings*



### Academic reputation (40%)

From QS Global Academic Survey with almost 63,700 responses for 2014/15

### Employer reputation (10%)

From QS Global Employer Survey with 28,800 responses for 2014/15

### Citations per faculty (20%)

Citation counts from last five years considered  
Citation data source: Scopus  
Author self-citations excluded  
Normalised by staff FTE figures

### Faculty/student ratio (20%)

FTE values used for faculty and students

### International students (5%)

Proportion of students that are international

### International faculty (5%)

Proportion of faculty that are international

Publication and citation data from Scopus is used

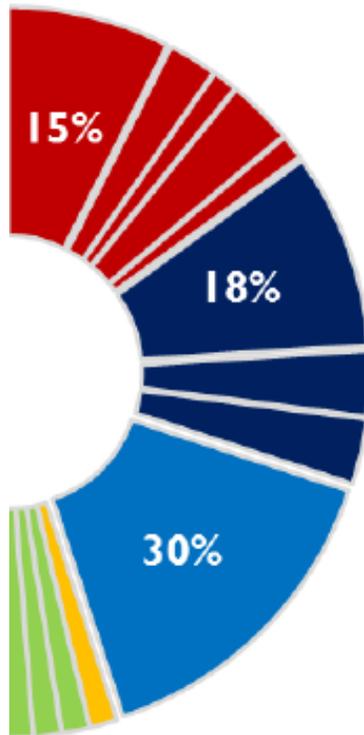
Scopus

University Rankings use a combination of expert opinion (surveys) and objective data (including from Scopus)

# World university rankings – THE

**THE**

**THE World University Rankings** – <http://www.timeshighereducation.co.uk/world-university-rankings/>  
 Published since 2010 by the Times Higher Education  
 Broke away from the QS-partnered rankings prior to 2010 edition



**Teaching: the learning environment (30%)**

- Academic reputation survey: reputation for teaching (15%)
- Staff to student ratio (4.5%)
- Ratio of doctoral to bachelor’s degrees awarded (2.25%)
- (Field-weighted) number of doctorates awarded per staff FTE (6%)
- Institutional income per staff FTE (2.25)

Publication and citation data from Scopus is used

**Research: volume, income and reputation (30%)**

- Academic reputation survey: reputation for research excellence (18%)
- (Field-weighted) research income per staff FTE (6%)
- (Field-weighted) research output per staff FTE (6%)

**Citations: research influence (30%)**

- (Field-weighted) citations in 2006-11 to papers published 2006-10

Scopus



**Industry income: innovation (2.5%)**

- Income from industry per staff FTE

**International outlook: staff, students and research (7.5%)**

- Ratio of international to domestic students (2.5%)
- Ratio of international to domestic staff (2.5%)
- (Field-weighted) proportion of research papers with international co-authors (2.5%)

# Introducing to Scopus



## Objective, High-quality Resources

All titles on **Scopus** are selected by the independent Content Selection & Advisory Board, which is strict about quality and publishing ethics. Furthermore, we are transparent about our selection policy, criteria and title evaluation process: <https://www.elsevier.com/solutions/scopus/content/content-policy-and-selection>

Get to know

## Scopus

**Scopus** delivers a comprehensive view on the world of research.

No packages, no add-ons.

**One all-inclusive subscription.**

## Content Selection & Advisory Board (CSAB)

All journals covered by Scopus are approved by an independent Content Selection & Advisory Board (CSAB). CSAB members are subject experts from all over the world and chosen for their expertise in specific subject areas. Many have (journal) editor experience.



# Introducing to Scopus



## Independent Content Selection Advisory Board (CSAB)



**Professor & Chairman Jörg-Rüdiger Sack**  
Carleton University  
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CSAB Chair – *Computer Science*



**Professor Henry Wai-chung Yeung**  
National University of Singapore  
Singapore  
CSAB Chair – *Social Sciences*



**Professor Julie J. Li**  
City University of Hong Kong  
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**Associate Professor Jaya Raju**  
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USA  
CSAB Chair - *Agriculture and Biological Sciences*



# Searching Scopus - Demonstration

# Research Workflow



## Main Question(s)

- Why research is important?
- Why I have to make thesis/dissertation
- What skills required as new researchers?

- How to understand research topics?
- How to find research trends?
- How to link research with patents?

- What types of research manuscripts are out there?
- How to find collaborators?
- How to find funding bodies?

- How to find the right references?
- How to manage research references?

- What should I prepare before writing?
- What are important points in writing?
- How should I approach collaborative writing?

- How to find the right journal?
- What are these metrics in journals?
- What are ethics in publishing?

- How to increase my research visibility?
- How to increase my profile as researcher?

- How to assess my performance?
- How communicate my performance to stakeholders?

- How to manage research output?
- How to manage journals?

Let's Think!!!

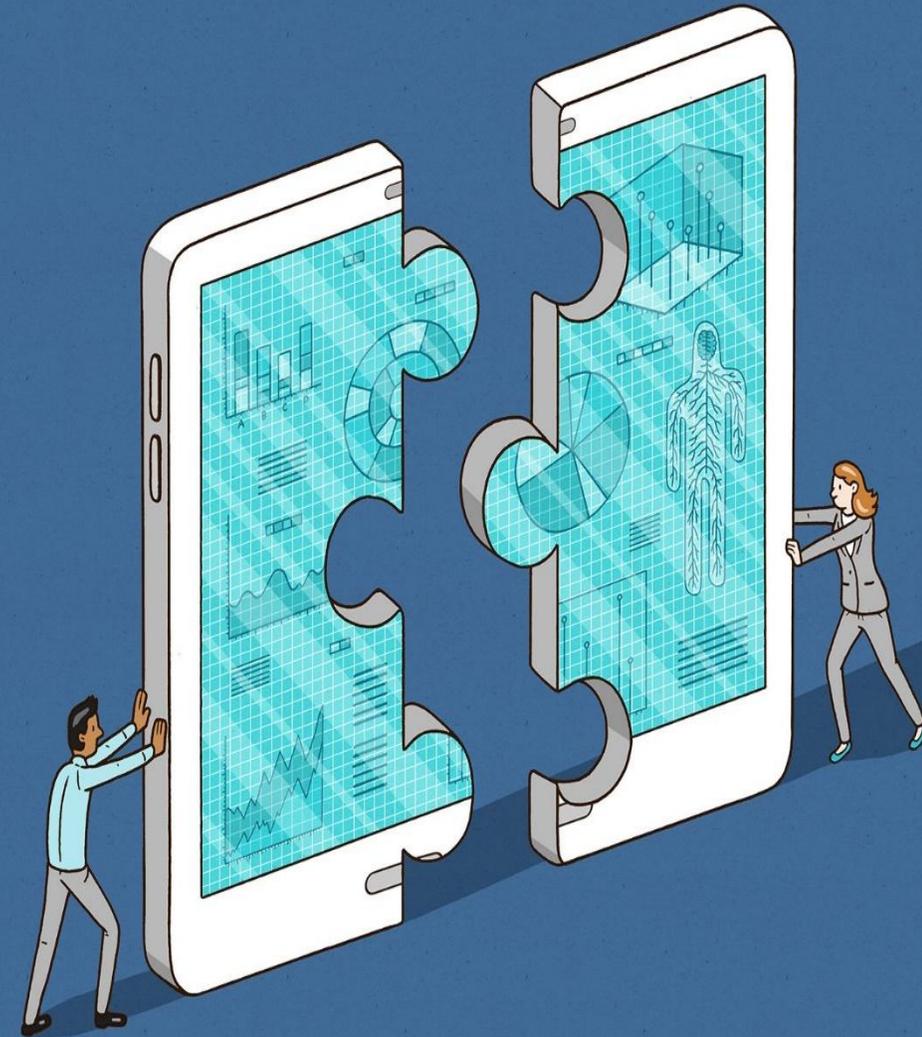


When you have to read what you don't like to read...



# Use cases

- Login Process
- Exploring literature
- Identifying potential collaborators
- Assessing the quality or 'impact' of a paper
- Analyzing journals for reading or to target publication
- Your Scopus author profile
- Any other topics you want to nominate



# Log In Process



Scopus

<https://www.scopus.com/>



Search

Sources

SciVal ↗



YK

## Start exploring

Log in using your institutional email

Documents

Authors

Researcher Discovery

Organizations

Scopus AI

New

Search tips ?

Search within

Article title, Abstract, Keywords



Search documents \*

+ Add search field Add date range [Advanced document search >](#)

Search

Search History

Saved Searches



Start searching and your history will appear here. If you need help to start searching, see our search tips.

# Exploring Literature



Scopus

Search

Sources

SciVal ↗



YK

Start exploring

Search Functions

Documents

Authors

Researcher Discovery

Organizations

Scopus AI

New

Search tips ?

Sources & Metrics

Search within

Article title, Abstract, Keywords

Search documents \*

+ Add search field



Add date range

Advanced document search >

Refine Search Parameters

Search

Search History

Saved Searches



Start searching and your history will appear here. If you need help to start searching, see our [search tips](#).

## Advanced search

< Basic Search Advanced

[Search tips ?](#)

Enter query string

1

Advanced search using Boolean operators

[Outline query](#)

[Add Author name / Affiliation](#)

[Search](#) 

```
ALL("Cognitive architectures") AND AUTHOR-NAME(smith)
TITLE-ABS-KEY(*somatic complaint wom?n) AND PUBYEAR AFT 1993
SRCTITLE(*field ornith*) AND VOLUME(75) AND ISSUE(1) AND PAGES(53-66)
```

Operators

2

List of operators

AND	+
OR	+
AND NOT	+
PRE/	+
W/	+

Field codes ?

Textual Content  
Affiliations  
Authors  
Biological Entities

3

Field codes

Ex: AF-ID

A unique identification number assigned to organizations affiliation with Scopus authors.

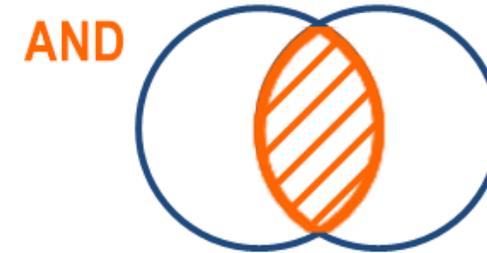
## Search Functionality

- **Choosing Search Terms**

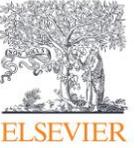
Use specific search terms that are closely related to your research topic  
Include alternative words and abbreviations  
Avoid words that are too general

### Boolean Operators

- **AND**  
Finds only documents that contain all of the terms.  
The terms may be far apart from each other.  
e.g. **food AND poison**
- **OR**  
Finds documents that contain any of the terms.  
It is used to cover synonyms, alternate spellings, or abbreviations.  
e.g. **weather OR climate**
- **AND NOT**  
Excludes documents that include the specified term from the search.  
It must be used at the end of a search.  
e.g. **e-learning AND NOT computer science**



# Exploring Literature



Search within: Article title, Abstract, Keywords | Search documents: "Particle interactions"

Save search | Set search alert | Add search field | Beta | Documents | Preprints | Patents | Secondary documents | Research data

19,507 documents found | Analyze results

Refine search: [Search within results] | [All] | [Export] | [Download] | [Citation overview] | [More] | [Show all abstracts] | Sort by: [Date (newest)] | [Grid] | [List]

**1 Filters**

- Year: Range (selected) / Individual
- Author name
- Subject area
- Document type
- Source title
- Publication stage: 42
- Keyword
- Affiliation
- Funding sponsor
- Country/territory
- Source type

**2** [All] [Export] [Download] [Citation overview] [More]

**3** [Show all abstracts] Sort by [Date (newest)] [Grid] [List]

Document title	Authors	Source	Year	Citations
<b>1</b> <b>Fast Brownian cluster dynamics</b>	Antonov, A.P., Schweers, S., Ryabov, A., Maass, P.	Computer Physics Communications, 309, 109474	2025	0
<b>2</b> <b>Study on the interaction of rod-shaped particles in a DC uniform electric field</b>	Hu, S., Liu, Y., Jin, S.	Colloids and Surfaces A: Physicochemical and Engineering Aspects, 708, 136045	2025	0
<b>3</b> <b>Incorporating particle roughness and hardness into contact model to reproduce elastic behaviors of granular soils in DEM</b>	Wang, G., Nie, J., Cui, Y., Guo, J.	Computers and Geotechnics, 179, 107054	2025	0
<b>4</b> <b>Molecular Interactions Between ZnO Nanoparticles and Liver Target Proteins Revealed by Molecular Docking Method</b>	Kirichenko, K.Y., Pamirsky, I.E., Timkin, P.D., ... Golokhvast, K.S.	BioNanoScience, 15(1), 94	2025	0

1 Refine Search Results

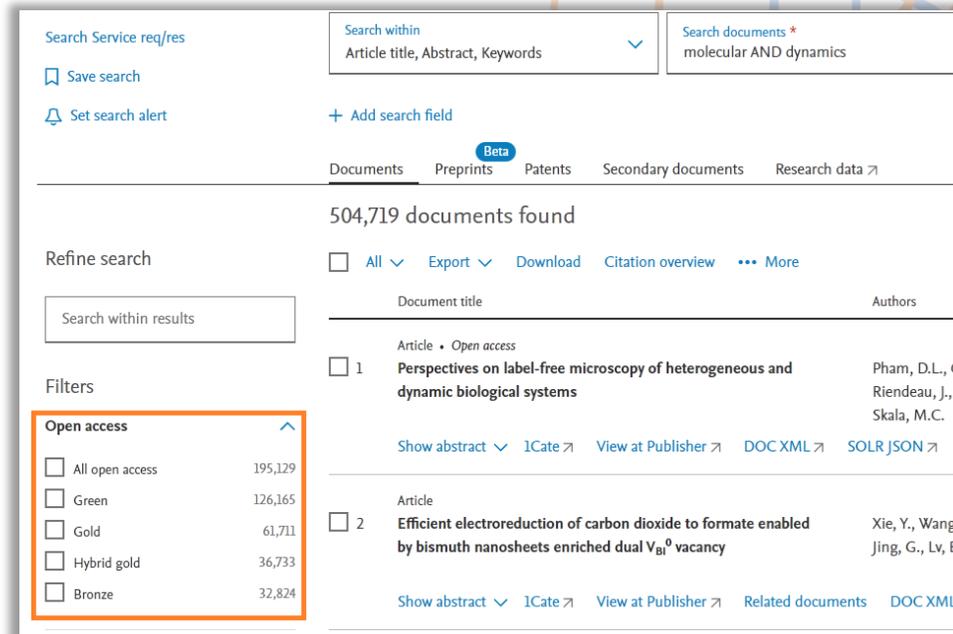
2 Mendeley/ Download/ Citation Overview/ View Cited by / Alert Setting / View References etc

3 Sorting Option (Date, Number of Citations, Relevance, First Author, Source Title)

4 Abstract/ Article Record

# Changes to Scopus Open Access Classification

- Scopus Open Access (OA) document classification and tagging is based on [Unpaywall](#) metadata because of its broad coverage from a wide range of publishers
- Scopus has changed its OA tagging policy to **fully align with the Unpaywall definitions.**
- This change comes into effect on Scopus.com starting Q2 2024



OA terms		Definition (Unpaywall)
Facets	Information label	
<b>Gold</b>	Gold (Open Access-only journal)	Published version with Creative Commons license, available on publisher platform. Documents are in <u>journals which only publish open access</u>
<b>Hybrid Gold</b>	Gold (hybrid journal)	Published version with Creative Commons license, available on publisher platform. Documents are in <u>journals which provide authors the choice of publishing open access</u>
<b>Bronze</b>	Other free-to-read at Publisher	Published version of record or manuscript accepted for publication, for which the <u>publisher has chosen to provide temporary or permanent free access</u> . As these documents would normally only be available to subscribers, no Creative Commons license is attached.
<b>Green</b>	Free-to-read at Repository	Published version or manuscript accepted for publication, available at repository. Documents may also be available gold or other free-to-read on the publisher platform

Computer Physics Communications • Open Access • Volume 309 • April 2025 • Article number 109474

Document type  
Article • Hybrid Gold Open Access • Green Open Access

Source type  
Journal

ISSN  
00104655

DOI  
10.1016/j.cpc.2024.109474

View more

Author/Article Information

# Fast Brownian cluster dynamics

Antonov, Alexander P.<sup>a,b</sup> ; Schweers, Sören<sup>a</sup> ;

Ryabov, Artem<sup>c</sup> ; Maass, Philipp<sup>a</sup>

Save all to author list

<sup>a</sup> Universität Osnabrück, Fachbereich Mathematik/Informatik/Physik, Institut für Physik, Barbarastr. 7, Osnabrück, D-49076, Germany

<sup>b</sup> Institut für Theoretische Physik II: Weiche Materie, Heinrich-Heine-Universität Düsseldorf, Universitätsstraße 1, Düsseldorf, D-40225, Germany

<sup>c</sup> Charles University, Faculty of Mathematics and Physics, Department of Macromolecular Physics, V Holešovičkách 2, Praha 8, CZ-18000, Czech Republic

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## Abstract

- Indexed keywords
- SciVal Topics
- Metrics
- Funding details

## Abstract

We present an efficient method to perform overdamped Brownian dynamics simulations in external force fields and for particle interactions that include a hardcore part. The method applies to particle motion in one dimension, where it is possible to update particle positions by repositioning particle clusters as a whole. These clusters consist of several particles in contact. They form because particle collisions are treated as completely inelastic rather than elastic ones. Updating of cluster positions in time steps is carried out by cluster fragmentation and merging procedures. The presented method is particularly powerful at high collision rates in densely crowded systems, where collective movements of particle assemblies is governing the dynamics. As an application, we simulate the single-file diffusion of sticky hard spheres in a periodic potential. © 2024 The

Cited by 0 documents

Inform me when this document is cited in Scopus:

Set citation alert > Set citation feed >

## Related documents

Scaling laws for single-file diffusion of adhesive particles

Schweers, S. , Antonov, A.P. , Ryabov, A. (2023) *Physical Review E*

Counterintuitive Short Uphill Transitions in Single-File Diffusion

Ryabov, A. , Lips, D. , Maass, P. (2019) *Journal of Physical Chemistry C*

Solitons in Overdamped Brownian Dynamics

Antonov, A.P. , Ryabov, A. , Maass, P. (2022) *Physical Review Letters*

View all related documents based on references

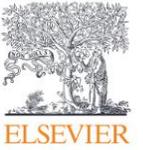
Find more related documents in Scopus based on:

Authors > Keywords >

# Source preview flyout

The “Source preview flyout” is now available to provide the most important journal information on the document level.

- It helps researchers decide to continue reviewing details of the article or look for more information about the journal where this article was published.
- The flyout contains among other, the following information:
  - Journal metrics such as: CiteScore, SJR and SNIP.
  - Journal's quartile, percentile and ranks for each ASJC (All Science Journal Classification) category that the journal belongs to



Source details preview

Journal of Molecular Biology

Publisher: Elsevier  
Source type: Journal

[View full source details](#)

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Metrics

10.2 CiteScore 2021 ⓘ	2.592 SJR 2021 ⓘ	1.366 SNIP 2021 ⓘ
--------------------------	---------------------	----------------------

CiteScore Rank ⓘ

ASJC Category	Quartile	Percentile	Rank
Biophysics	Q1	92nd	11 / 137
Structural Biology	Q1	84th	8 / 49
Molecular Biology	Q1	82nd	67 / 386

40

# Sustainable Development Goal (SDGs)



We use a blend of **expert curation and trusted technology** to map each publication to its relevant United Nations SDGs.

In Q2 2023, we released the 2023 SDG upgrade on the Document Details pages in Scopus:

- More than 25M Scopus records contributed to at least one SDG (have a 2023 SDG tag).
- SDG 2023 classifications now include SDG17 “Partnerships for the goals”.

The screenshot shows a document page with the title "A theory of digital technology advancement to address the grand...". The left sidebar contains navigation options: Abstract, Author keywords, Indexed keywords, Sustainable Development Goals 2023 (highlighted), SciVal Topics, and Metrics. The main content area shows "Indexed keywords" with "Sustainable Development Goals 2023" marked as "New". Below this, a section titled "Sustainable Development Goals mapped to this document" displays three goal cards: "Decent work and economic growth" (Goal 8), "Industry, innovation and infrastructure" (Goal 9), and "Peace, justice and strong institutions" (Goal 16). A fourth card, "Partnership for the goals" (Goal 17), is partially visible below. At the bottom, there is a "SciVal Topics" section.



# Scopus Journal and Articles Metrics

Country and Institution

5.7  
7.0  
5.2

5.3  
4.7  
5.2





Universiteit Leiden



*Citations in a year to documents published in 4 years*  
-----  
*# of documents in 4 years*

*Journal's citation count per paper*  
-----  
*Citation potential in its subject field*

*Average # of weighted citations received in a year*  
-----  
*# of documents published in previous 3 years*

## CiteScore

- CiteScore itself is **an average** of the sum of the citations received in a given year to publications published **in 4 years** divided by the sum of publications in the same 4 years.
- Takes **4 years** (including current year) into account.

## SNIP

- SNIP = Sourced Normalized Impact per Paper
- SNIP accounts for **field-specific differences** in citation practices.
- measures contextual citation impact and enables direct comparison of journals in different subject fields
- Outlier scores are closer to average
- Takes **3 years** into account.

## SJR

- SJR = SCImago Journal Rank
- SJR is a measure of the scientific influence of scholarly journals that accounts for both **the number of citations received** by a journal and the importance or **prestige of the journals where the citations come from**.
- SJR weights each incoming citation to a journal by the SJR of the citing journal, with a citation from a high-SJR source counting for more than a citation from a low-SJR source.
- Takes **3 years** into account.

# PLUMX

## Metrics Categories



### USAGE

(clicks, downloads, views, library holdings, video plays)



### CAPTURES

(bookmarks, code forks, favorites, readers, watchers)



### MENTIONS

(blog posts, comments, reviews, Wikipedia links)



### SOCIAL MEDIA

(+1s, likes, shares, tweets)



### CITATIONS

(citation indexes, patent citations, clinical citations)

# PLUMX Print

The five categories of metrics are displayed for quick and easy understanding in a data visualization known as the Plum Print. When you rollover the Plum Print, more detail for each of the categories is visible. You can also click on it to get to all the detail for the metrics.

- The Plum Print is dynamic, each circle in the Plum Print represents the metrics in the associated category by color.
- The larger the circle, the more metrics in that category.
- There is a variety of ways to represent the Plum Print on article pages or in result lists.
- Designed to communicate engagement without a score



# Export to Mendeley

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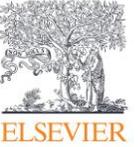
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Quickly export your Book chapters and journal articles into Mendeley from ScienceDirect

# Export to Mendeley



Article title, Abstract, Keywords | "Particle interactions" | Save search | Set search alert | Add search field | Reset | Search

Beta | Documents | Preprints | Patents | Secondary documents | Research data

19,507 documents found | Analyze results

Refine search | Search within results

Filters | Year | Range | Individual

Author name

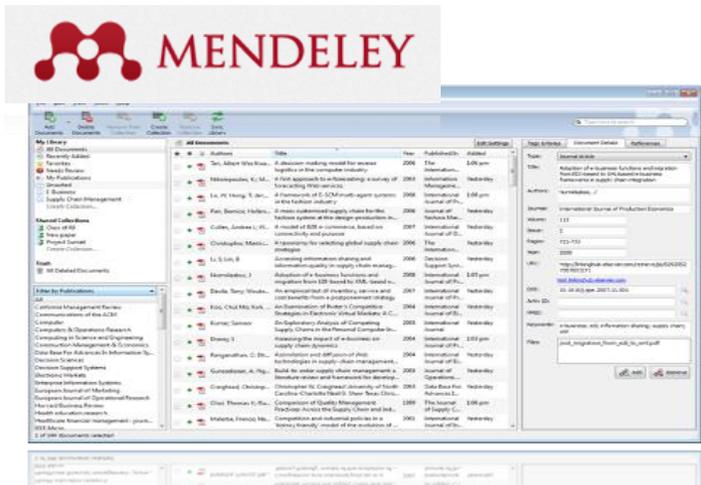
All | Export | Download | Citation overview | More | Show all abstracts | Sort by Date (newest)

	Authors	Source	Year	Citations
1	<a href="#">Antonov, A.P., Schweers, S., Ryabov, A., Maass, P.</a>	<a href="#">Computer Physics Communications</a> , 309, 109474	2025	0
2	<a href="#">Hu, S., Liu, Y., Jin, S.</a>	<a href="#">Colloids and Surfaces A: Physicochemical and Engineering Aspects</a> , 708, 136045	2025	0

File types: CSV, RIS, BibTeX, Plain text

Reference managers: Mendeley, Refworks (RIS), Zotero (RIS), EndNote (RIS), Platforms, SciVal

Please make sure to sign an account in Mendeley Scopus again before exp



Mendeley is a *reference manager* allowing you to manage, read, share, annotate and cite your research papers...

# Download Multiple PDFs

TITLE-ABS-KEY ("Particle Interactions")

 Edit  Save  Set alert  Set feed

Search within results... 

Documents Secondary documents Patents View Mendeley Data (435)

Analyze search results Show all abstracts Sort on: Cited by (highest) 

All  Save to Mendeley  Download  View citation overview  View cited by  Save to list    

Document title	Authors	Year	Source	Cited by
		2003	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 506(3), pp. 250-303	13125
View abstract <input type="checkbox"/> Related documents				
<input checked="" type="checkbox"/> 2	Inflationary universe: A possible solution to the horizon and flatness problems <i>Open Access</i>	Guth, A.H.	1981 Physical Review D 23(2), pp. 347-356	6533

**Batch Download  
(up to 50 documents per download)**

# Setting up Search Alerts



TITLE-ABS-KEY ("Particle Interactions")

[Edit](#) [Save](#) **Set alert** [Set feed](#)

Search within results...

Refine results

Limit to Exclude

Access type ⓘ

Year

2020

2019

2018

2017

2016

View more

Author name

### Set alert

**i** E-mail search alert

If the email address you input belongs to another individual, ensure you have their permission to sign them up for this alert. Your email address will be included on subsequent email alerts.

Search terms  
TITLE-ABS-KEY ("Particle Interactions") [Edit](#)

\* Required fields

Name of alert \*  
"particle interactions"

Email address(es) \*  
ylling61@yahoo.com

E.g., j.smith@mail.com, p.smith@mail.com  
Separate multiple email addresses by a semicolon, comma, space or

Documents Patents View Mendeley Data (435)

Show all abstracts Sort on: Cited by (highest)

Download View citation overview View cited by Save to list

	Authors	Year	Source	Cited by
olkkit	Agostinelli, S., Allison, J., Amako, K., (...), Yoshida, H., Zschiesche, D.	2003	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 506(3), pp. 250-303	13125
Documents				
ossible solution to the horizon	Guth, A.H.			6533

**Set Search Alert**  
Set Alert - Search Alert is saved search that you can schedule to run at regular (daily/ weekly/ bi-weekly/ monthly) intervals. Search Results will be sent to your mailbox

# Analyze Results



## Analyze search results

[Back to results](#)

[Export](#) [Print](#) [Email](#)

TITLE-ABS-KEY ("Particle Interactions")

15,583 document results

Select year range to analyze: 1936 to 2020 [Analyze](#)

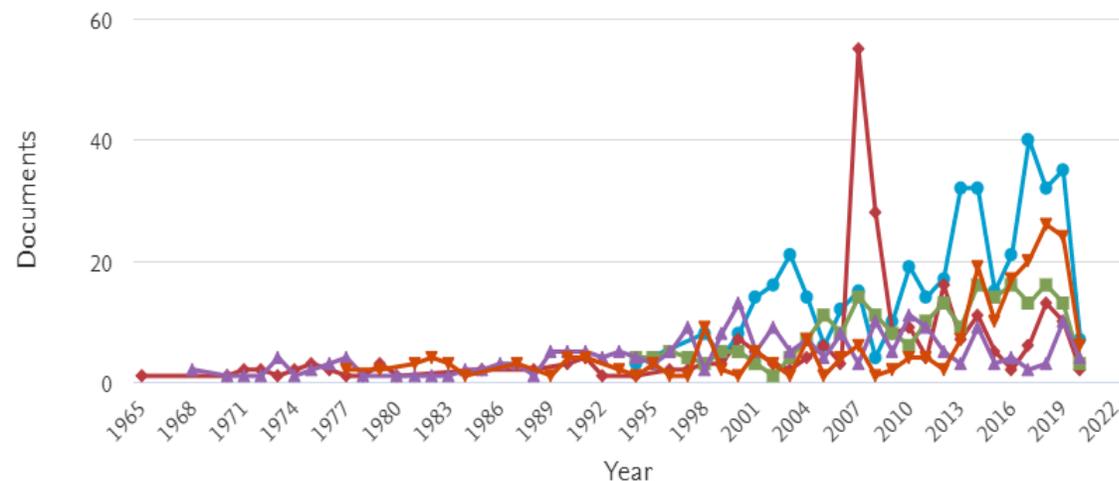
Source ↓ Documents ↑

<input checked="" type="checkbox"/> Journal Of Geophysical Research Space Physics	399
<input checked="" type="checkbox"/> Physical Review Letters	249
<input checked="" type="checkbox"/> Physics Of Plasmas	226
<input checked="" type="checkbox"/> Journal Of Colloid And Interface Science	222
<input checked="" type="checkbox"/> Geophysical Research Letters	216
<input type="checkbox"/> Powder Technology	216
<input type="checkbox"/> Aip Conference Proceedings	201
<input type="checkbox"/> Journal Of Chemical Physics	190

### Documents per year by source

Compare the document counts for up to 10 sources.

[Compare sources and view CiteScore, SJR, and SNIP data](#)



Journal Of Geophysical Research Space Physics Physical Review Letters Physics Of Plasmas  
Journal Of Colloid And Interface Science Geophysical Research Letters



# Author Search

Year and Institution

5.7  
7.0  
5.2

5.3  
4.7  
5.2



# Author Search



Scopus

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Start exploring

**Author Search Function by last name, or ORCID**

[Documents](#) [Authors](#) [Researcher Discovery](#) [Organizations](#) [Scopus AI](#) [Search tips](#) [?](#)

Search authors using:  Author name  ORCID  Keyword

New

Search by author last name, first name, affiliation or ORCID ID

Enter last name \*

Enter first name

+ Add affiliation

Search

# Author Search



Show exact matches only

Refine results

Limit to Exclude

**Affiliation** ^

- Universiti Sains Malaysia (37) >
- Universiti Putra Malaysia (32) >
- University of Malaya (28) >
- Universiti Tunku Abdul Rahman (22) >
- Universiti Kebangsaan Malaysia (15) >

View more

**City** ^

- Kuala Lumpur (65) >
- Penang (32) >
- Serdang (32) >
- Kajang (23) >
- Bangi (15) >

View more

**Country/territory** ^

- Malaysia (281) >
- Singapore (10) >

Sort on: Document count (high-low) v

All v Show documents View citation overview Request to merge authors Save to author list

	Author	Documents	<i>h</i> -index ⓘ	Affiliation	City	Country/Territory
<input type="checkbox"/> 1	Lim, Hwee San San, Lim Hwee San, L. H. Lim, D. H.S.  View last title v	266	14	Universiti Sains Malaysia	Gelugor	Malaysia
<input type="checkbox"/> 2	Lim, Shenyang Lim, S. Y. Lim, Shen Yang  View last title v	101	24	Universiti Malaya	Kuala Lumpur	Malaysia
<input type="checkbox"/> 3	Lim, Siong Meng Lim, S. M. Meng, Lim Siong Lim, Siong M.  View last title v	78	14	Universiti Teknologi MARA	Shah Alam	Malaysia
<input type="checkbox"/> 4	Lim, Lee Hong Susan Lim, S. L.H. Lim, L. H.S. Lim, L. H.Susan  View last title v	77	18	Institute of Biological Sciences	Kuala Lumpur	Malaysia
<input type="checkbox"/> 5	Lim, Steven Lim, S.	72	18	Universiti Tunku Abdul Rahman	Kajang	Malaysia

Author (s): clickable

Refine your search

# Author Search



Lim, Steven

Universiti Tunku Abdul Rahman, Kajang, Malaysia [Show all author info](#)

SC 35366710400 <https://orcid.org/0000-0001-8699-9772>

[Edit profile](#) [Set alert](#) [Save to list](#) [Potential author matches](#) [Export to SciVal](#)

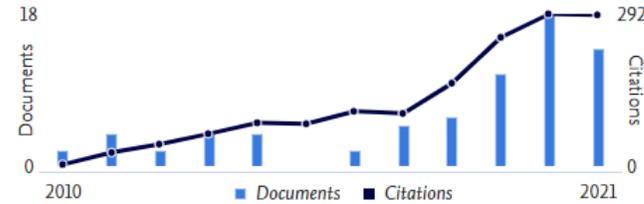
## Metrics overview

72  
Documents by author

1491  
Citations by 1312 documents

18  
h-index: [View h-graph](#)

## Document & citation trends



[Analyze author output](#) [Citation overview](#)

## Most contributed Topics 2016–2020

[Esterification; Isethionic Acid; Distillates](#)  
9 documents

[Transesterification; Cooking Fats and Oils; Rubber Seed Oil](#)  
8 documents

[Saccharification; Delignification; Ethanol Production](#)  
8 documents

[View all Topics](#)

72 Documents [Cited by 1312 Documents](#) [0 Preprints](#) [111 Co-Authors](#) [Topics](#) [0 Awarded grants](#)

[Export all](#) [Save all to list](#)

Sort by: [Date \(newest\)](#)

[View list in search results format](#)

[View references](#)

[Set document alert](#)

Article

Effects of ethanol on the evaporation and burning characteristics of palm-oil based biodiesel droplet

Chow, M.R., Ooi, J.B., Chee, K.M., ...Kong Leong, J.C., Lim, S.

## Author Position

Based on 6 documents for 2013 - 2022

First author • 67%

Documents	Average citations	Normalized Average FWCI
4	7	0.573

Last author • 0%

Co-author • 33%

Corresponding author • 0%

Single author • 0%

[View author position details](#)

1 Author Details

Author detail: name, Scopus ID, affiliation

2 Author Corrections

3 Search Functionality

4 Sorting Option  
(Date or Number of Citations)

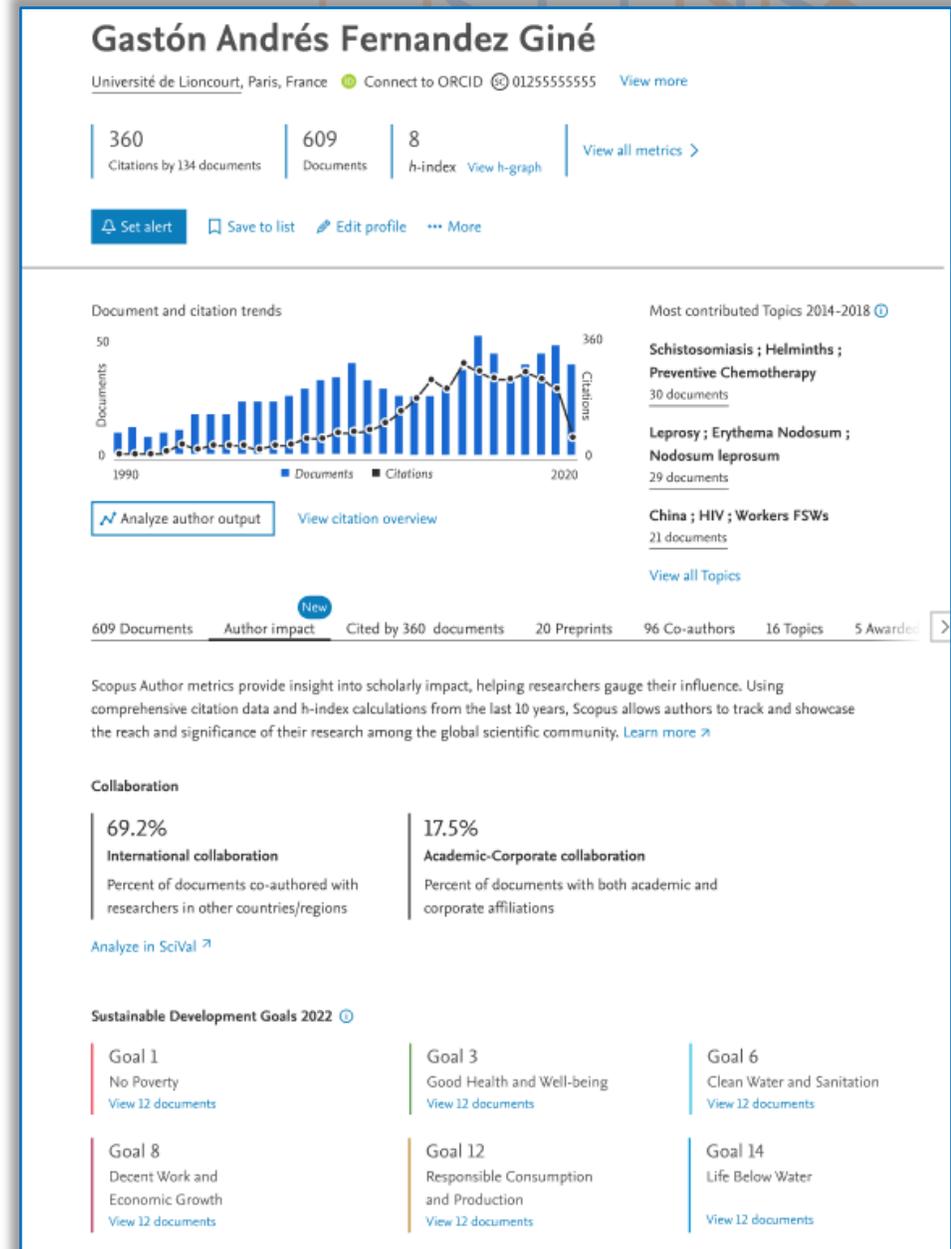
5 Author Publications

6 Author Position

# SDGs on Author Profiles

The United Nations Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. They are part of a plan to end poverty, protect the planet, and improve the lives and prospects of everyone by 2030. In late 2024 (early 2025), Elsevier will be adding SDGs on the author pages.

- Appear under the rebranded “Author impact” section on the author profile pages
- Help tracking and showcasing individual researcher contributions to SDGs
- Offer quick access to the documents grouped under each SDG for each author and links to SciVal for further analysis



# H-index



[← Back to author details page](#)

[Export](#) [Print](#) [Email](#)

Lim, Steven

Universiti Tunku Abdul Rahman, Kajang, Malaysia  
Author ID:35366710400

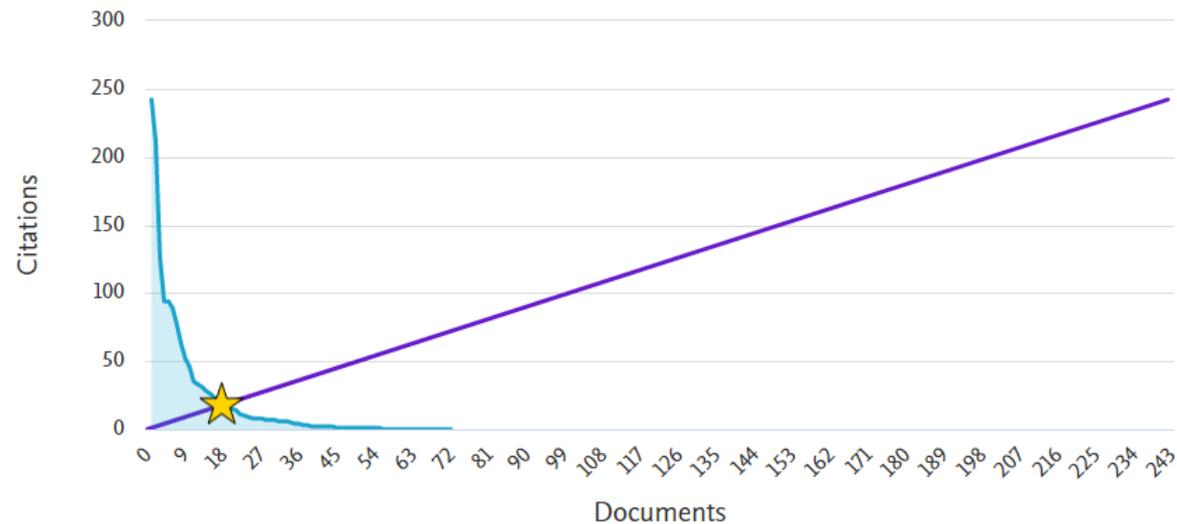
Analyze documents published between:  to   
 Exclude self citations  Exclude citations from books [Update Graph](#)

Documents ↓	Citations ↓	Title ↓
14	28	Influences of differ...
15	26	Synthesis, characte...
16	23	A comprehensive r...
17	22	Effects of solid pre-...
18	19	Synthesis of renew...
19	16	Investigation of im...
20	15	Biodiesel synthesis ...
21	14	High biodiesel yiel...
22	11	Progress in utilisati...

## This author's $h$ -index

18

The  $h$ -index is based upon the number of documents and number of citations.



***“The  $h$ -index is the highest number of papers a scientist has that have at least that number of citations.”***

***Nature (2005)***

# Request author detail corrections



Lim, Steven

[Universiti Tunku Abdul Rahman, Kajang, Malaysia](#) [Show all author info](#)

[35366710400](#) <https://orcid.org/0000-0001-8699-9772>

[Edit profile](#) [Set alert](#) [Save to list](#) [Potential author matches](#) [Export to SciVal](#)

What will you be able to do:

- Set the preferred name
- Merge Profiles
- Add and remove documents
- Update Affiliation **Added new feature**

**Proceed to make changes**

Is there a name preference?

Please select the preferred name for the unique author profile.

**Lim, Steven**

Lim, Steven

Lim, S.

Metrics overview

72

Documents by author

1491

Citations by 1312 documents

18

*h*-index: [View \*h\*-graph](#)

# Request author detail corrections (cont.)

Select Profile(s) — Review Documents — Review Affiliation — Confirm and Submit

**i** Review the following documents and see if they all belong to this author.

Lim, Steven

72 documents

	Document title	Authors ^	Year v	Source ^	Cited by v
<input type="checkbox"/> 1	Effects of ethanol on the evaporation and burning characteristics of palm-oil based biodiesel droplet	Chow, M.R., Ooi, J.B., Chee, K.M., Pun, C.H., Tran, M.-V., Kong Leong, J.C., Lim, S.	2021	Journal of the Energy Institute 98, pp. 35-43	0
<input type="checkbox"/> 2	Facile green synthesis of ZnO nanoparticles using natural-based materials: Properties, mechanism, surface modification and application	Chan, Y.Y., Pang, Y.L., Lim, S., Chong, W.C.	2021	Journal of Environmental Chemical Engineering 9(4)	0
<input type="checkbox"/> 3	Harvesting and evacuation route optimisation model for fresh fruit bunch in the oil palm plantation site	Lim, C.H., Cheah, Z.H., Lee, X.H., How, B.S., Ng, W.P.Q., Ngan, S.L., Lim, S., Lam, H.L.	2021	Journal of Cleaner Production 307	0
<input type="checkbox"/> 4	Optimization and analysis of syngas production from methane and CO2 via Taguchi approach,	Chen, W.-H., Chiu, G.-L., Chyuan Ong, H., Shiung Lam, S., Lim, S., Sik Ok, Y., E.Kwon, E.	2021	Fuel 296	0

Are there any documents missing?

You may search for missing documents to link to this author profile.

# Request to merge authors



52 author results

[About Scopus Author Identifier >](#)

Author last name "lim" , Author first name "e h"

[Edit](#)

Show exact matches only

Refine results

Limit to

Exclude

Affiliation

- National University of Singapore (5) >
- IEEE (2) >
- Korea University, College of Medicine (2) >
- Monash University (2) >
- Nanyang Technological University (2) >

Sort on: [Document count \(high-low\)](#)

All

[Show documents](#)

[View citation overview](#)

[Request to merge authors](#)

[Save to author list](#)

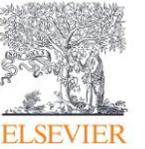
	Author	Documents	<i>h</i> -index	Affiliation	City	Country/Territory
<input checked="" type="checkbox"/> 1	Lim, Eng Hock Lim, Eng H. Lim, E. H.	108	18	Universiti Tunku Abdul Rahman	Kajang	Malaysia
<input type="checkbox"/> 2	Lim, Eng Hock Lim, Eng H. Lim, E. H.					

What will you be able to do:

- Set the preferred name
- Merge Profiles
- Add and remove documents
- Update Affiliation *Added new feature*

[Proceed to make changes](#)

# Merge author profile with Author Feedback Wizard



## Author Feedback Wizard

<https://www.scopus.com/feedback/author/fecyt.uri#/>

Basic Search

Author ID Search

ORCID Search

Tips ?

Author last name

chong

*e.g. Smith*

Author last name

chong

*e.g. Smith*

Author last name

horng

*e.g. Smith*



Author first name

shin horng

*e.g. J.L.*

Author first name

s h

*e.g. J.L.*

Author first name

chong shin

*e.g. J.L.*



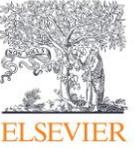
Optional:

+ Name Variant

+ Affiliation

Search Q

# Author Search



Select Profile(s) — Review Documents — Review Affiliation — Confirm and Submit

## Refine results

Limit to Exclude

### Affiliation

- Universiti Teknikal Malaysia Melaka (4) >
- Centre of Excellence of Robotics and Automation (1) >
- Tokyo Institute of Technology (1) >

### City

- Malacca (4) >
- Malacca Town (1) >
- Tokyo (1) >

Author ^	Documents ^	<i>h</i> -index	Affiliation ^	City ^	Country/Territory ^
<input checked="" type="checkbox"/> 1 Horng, Chong Shin Chong, S. H. Chong, Shin Horng	64	7	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia
<input checked="" type="checkbox"/> 2 Horng, Chongshin Horng, Chong Shin	1	0	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia
<input checked="" type="checkbox"/> 3 Chong, Shin Horng	1	0	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia
<input checked="" type="checkbox"/> 4 Chong, Shin Horng	1	0	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia

Display: 200 results per page

1

Top of page

Review Documents >

# Author Search



Select Profile(s) — Review Documents — Review Affiliation — Confirm and Submit

**i** Merging the following 4 profiles. Review the following documents and see if they all belong to this author.

- Chong, Shin Horng 1 documents
- Horng, Chong Shin 64 documents
- Horng, Chongshin 1 documents
- Chong, Shin Horng 1 documents

	Document title	Authors ^	Year v	Source ^	Cited by v
1	WINDOW SIZE THRESHOLD ANALYSIS FOR BRAINPRINT IDENTIFICATION USING INCREMENTAL K-NEAREST NEIGHBOUR (KNN)	Liew, S.-H., Choo, Y.-H., Low, Y.F., Chong, S.H.	2020	ARPN Journal of Engineering and Applied Sciences 15(17), pp. 1897-1901	0

Are there any documents missing?

You may search for missing documents to link to this author profile.

Search missing documents

< Select Profile

Review Affiliation >

# What is the Challenge? Scholarly Name Ambiguity

Many researchers that too closely resemble one another.



**Dr. Win**



**Dr. Win**



**Dr. Win**

Researchers publish under name variations.



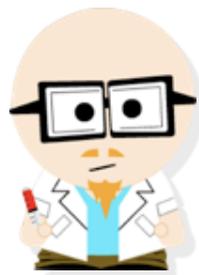
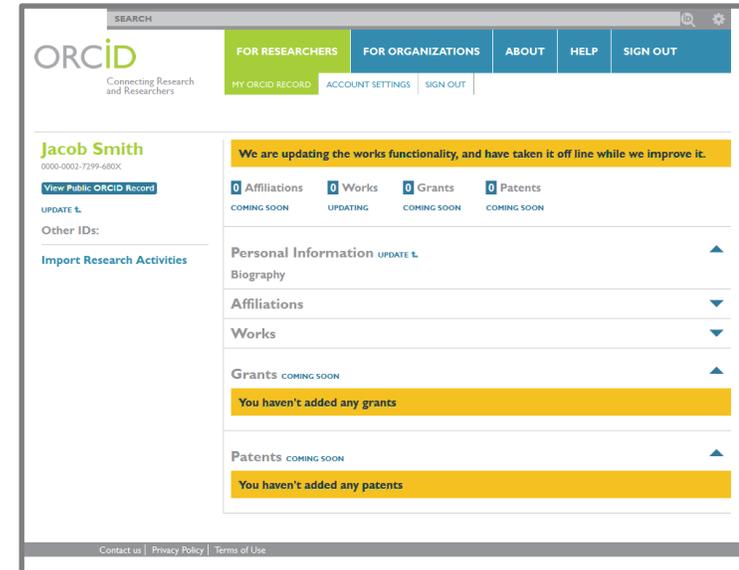
**Dr. Win**

**Dr. H. Win**

**Dr. Handsome Win**

# What is the solution? ORCID!

ORCID, the Original Researcher Contributor ID, provides a **persistent digital identifier** that distinguishes you from every other researcher and, through **integration in key research workflows** such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.



**Dr. Win**  
**Dr. H. Win**  
**Dr. Handsome Win**



**Dr. Handsome Win**  
**46533489**

<https://orcid.org/>

## DISTINGUISH YOURSELF IN THREE EASY STEPS

ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. [Find out more.](#)

1

**REGISTER** Get your unique ORCID identifier [Register now!](#)  
Registration takes 30 seconds.

2

**ADD YOUR  
INFO** Enhance your ORCID record with your  
professional information and link to your other  
identifiers (such as Scopus or ResearcherID or  
LinkedIn).

3

**USE YOUR  
ORCID ID** Include your ORCID identifier on your Webpage,  
when you submit publications, apply for grants, and  
in any research workflow to ensure you get credit  
for your work.

<https://info.orcid.org/researcher-faq/>

# SCOPUS -ORCID Integration via Connect to ORCID



Boo, Nem Yun

[Universiti Tunku Abdul Rahman, Kajang, Malaysia](#) [Show all author info](#)

SC 7004994700 [id](#) [Connect to ORCID](#) ←

### Sign in

Email or 16-digit ORCID iD

example@email.com or 0000-0001-2345-6789

Password

**SIGN IN**

[Forgot your password or ORCID ID?](#)

Don't have an ORCID ID yet? [Register now](#) ←

or

**Access through your institution**

**Sign in with Google**

**Sign in with Facebook**

**Authorize**

Select profile name

Review publications

Review profile

Send Author ID

Send publications



# Source Browser

# Source Browser



Search Sources Lists SciVal Google



## Sources

## Sources Browser

Title

**i** Improved Citescore  
We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available.  
[View CiteScore methodology.](#)

Filter refine list

Display options

- Display only Open Access journals
- Counts for 4-year timeframe
  - No minimum selected
  - Minimum citations
  - Minimum documents
- Citescore highest quartile
  - Show only titles in top 10 percent
  - 1st quartile
  - 2nd quartile
  - 3rd quartile

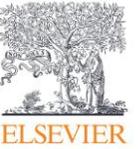
42,180 results

[Download Scopus Source List](#) [Learn more about Scopus Source List](#)

All   View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Ca-A Cancer Journal for Clinicians	463.2	99% 1/340 Oncology	50,948	110	92
<input type="checkbox"/> 2	Nature Reviews Materials	115.7	99% 1/292 Materials Chemistry	21,170	183	98
<input type="checkbox"/> 3	Nature Reviews Molecular Cell Biology	99.7	99% 1/382 Molecular Biology	21,027	211	88
<input type="checkbox"/> 4	Chemical Reviews	96.9	99% 1/398 General Chemistrv	90,053	929	96

# Source Browser



## Cell

Scopus coverage years: from 1974 to Present

Publisher: Elsevier

ISSN: 0092-8674 E-ISSN: 1097-4172

Subject area: [Biochemistry, Genetics and Molecular Biology: General Biochemistry, Genetics and Molecular Biology](#)

Source type: Journal

[View all documents >](#)

[Set document alert](#)

[Save to source list](#)

[Source Homepage](#)

[Get Permission](#)

CiteScore 2020

63.4



SJR 2020

26.304



SNIP 2020

8.154



[CiteScore](#)

[CiteScore rank & trend](#)

[Scopus content coverage](#)



### Improved CiteScore methodology

CiteScore 2020 counts the citations received in 2017-2020 to articles, reviews, conference papers, book chapters and data papers published in 2017-2020, and divides this by the number of publications published in 2017-2020. [Learn more >](#)



CiteScore **2020**



$$63.4 = \frac{114,416 \text{ Citations 2017 - 2020}}{1,804 \text{ Documents 2017 - 2020}}$$

Calculated on 05 May, 2021

CiteScoreTracker 2021

$$55.7 = \frac{93,379 \text{ Citations to date}}{1,676 \text{ Documents to date}}$$

Last updated on 04 June, 2021 • Updated monthly

### CiteScore rank 2020

Category

Rank

Percentile

Biochemistry, Genetics and Molecular Biology

#1/204

99th

General Biochemistry, Genetics and Molecular Biology

# More on CiteScore

## Ecosystem Services

Scopus coverage years: from 2012 to Present

Publisher: Elsevier

ISSN: 2212-0416

Subject area: [Agricultural and Biological Sciences: Agricultural and Biological Sciences \(miscellaneous\)](#) [Social Sciences: Geography, Planning and Development](#)  
[Environmental Science: Nature and Landscape Conservation](#) [Environmental Science: Ecology](#) [View all](#)

Source type: Journal

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CiteScore 2021 **11.7**

SJR 2021 **1.749**

SNIP 2021 **1.807**

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

CiteScore 2021

$$11.7 = \frac{7,696 \text{ Citations 2018 - 2021}}{659 \text{ Documents 2018 - 2021}}$$

Calculated on 05 May, 2022

CiteScoreTracker 2022

$$11.0 = \frac{6,144 \text{ Citations to date}}{558 \text{ Documents to date}}$$

Last updated on 05 October, 2022 • Updated monthly

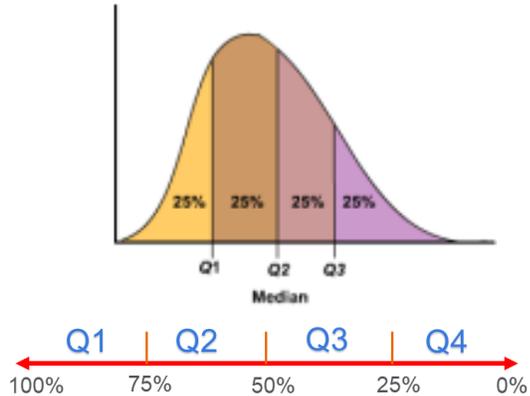
Read CiteScore of selected year or current year. Also see how it is calculated.

CiteScore rank 2021

Category	Rank	Percentile
Agricultural and Biological Sciences	#2/119	98th
Agricultural and Biological Sciences (miscellaneous)		
Social Sciences	#11/747	98th
Geography, Planning and Development		

Ecosystem Services is in Agricultural and Biological Sciences and also Social Sciences.

- Can you read its rank, percentile and quartile?



# More on CiteScore

## Ecosystem Services

Scopus coverage years: from 2012 to Present

Publisher: Elsevier

ISSN: 2212-0416

Subject area: Agricultural and Biological Sciences: Agricultural and Biological Sciences (miscellaneous) Social Sciences: Geography, Planning and Development

Environmental Science: Nature and Landscape Conservation Environmental Science: Ecology [View all](#)

Source type: Journal

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Select research area to see the rank of this journal comparing with others in the list.

CiteScore 2021  
**11.7**

SJR 2021  
**1.749**

SNIP 2021  
**1.807**

[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

See 5 years trends of this journal

[Export content for category](#)

CiteScore rank 2021 In category: Agricultural and Biological Sci...

#2	Ecosystem Services	11.7	98th percentile
119			

Rank	Source title	CiteScore 2021	Percentile
#1	Studies in Mycology	33.4	99th percentile
#2	Ecosystem Services	11.7	98th percentile
#3	IMA Fungus	8.3	97th percentile
#4	Astrobiology	8.2	97th percentile
#5	Mammal Review	8.2	96th percentile



Out of all 119 journals in **Agricultural and Biological Sciences**, Ecosystem Services is **2<sup>nd</sup> rank**. Therefore, it has **percentile at 98<sup>th</sup>** as Q1 Journal.

# Scopus Source List



Scopus

Search Sources Lists SciVal Quick Link Test



## Sources

Title

Find sources

**i** Improved Citescore  
We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available.  
[View CiteScore methodology.](#)

## Scopus Source List

Scopus Source Browse and Source List are refreshed and updated three times per year. Sources are added to Scopus Source Browse and Source List after a threshold of 15 papers has been reached.

### Filter refine list

Apply Clear filters

### Display options

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

Minimum citations

Minimum documents

Citescore highest quartile

Show only titles in top 10 percent

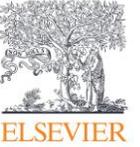
1st quartile

42,180 results

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<input type="checkbox"/> All	Export to Excel	Save to source list	View metrics for year: 2020			
Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited	
<input type="checkbox"/> 1 Ca-A Cancer Journal for Clinicians <a href="#">1 Cate</a> <a href="#">1 Cate</a>	463.2	99% 1/340 Oncology	50,948	110	92	
<input type="checkbox"/> 2 Nature Reviews Materials <a href="#">1 Cate</a> <a href="#">1 Cate</a> <a href="#">BIBSYS</a>	115.7	99% 1/292 Materials Chemistry	21,170	183	98	
<input type="checkbox"/> 3 Nature Reviews Molecular Cell Biology <a href="#">1 Cate</a> <a href="#">1 Cate</a> <a href="#">BIBSYS</a>	99.7	99% 1/382 Molecular Biology	21,027	211	88	

# Check for Coverage of SCOPUS



Scopus

Search Sources Lists SciVal Quick Link Test

## Source details

Feedback Compare sources

### Biomedicine and Pharmacotherapy

Formerly known as: Biomedicine Express

Open Access

Formerly known as: Biomedicine

Scopus coverage years: from 1982 to Present

Publisher: Elsevier

ISSN: 0753-3322

Subject area: Pharmacology, Toxicology and Pharmaceutics: Pharmacology

Source type: Journal

View all documents

Set document alert

Save to source list

Source Homepage

Cite Cite

BIBSYS

CiteScore 2020

9.3

SJR 2020

1.323

SNIP 2020

1.443

CiteScore CiteScore rank & trend Scopus content coverage

#### Improved CiteScore methodology

CiteScore 2020 counts the citations received in 2017-2020 to articles, reviews, conference papers, book chapters and data papers published in 2017-2020, and divides this by the number of publications published in 2017-2020. [Learn more](#)

CiteScore 2020

9.3

$$= \frac{57,137 \text{ Citations } 2017 - 2020}{6,141 \text{ Documents } 2017 - 2020}$$

CiteScoreTracker 2021

9.5

$$= \frac{52,050 \text{ Citations to date}}{5,489 \text{ Documents to date}}$$

# Case of Discontinued Journal 1



Search Sources Lists SciVal Quick Link Test

## Source details

Feedback Compare sources

### International Journal of Civil Engineering and Technology

Scopus coverage years: from 2016 to 2019  
(coverage discontinued in Scopus)

Publisher: IAEME Publication

ISSN: 0976-6308 E-ISSN: 0976-6316

Subject area: [Engineering: Building and Construction](#) [Engineering: Civil and Structural Engineering](#) [Computer Science: Computer Networks and Communications](#)  
[Engineering: Control and Systems Engineering](#)

Source type: Journal

[View all documents >](#)

[Set document alert](#)

[Save to source list](#)

[Source Homepage](#)

[Cite](#) [Cite](#)

[BIBSYS](#)

CiteScore 2017  
**1.4**



SJR 2019  
**0.285**



SNIP 2019  
**0.437**



CiteScore CiteScore rank & trend Scopus content coverage



#### Improved CiteScore methodology

CiteScore 2017 counts the citations received in 2014-2017 to articles, reviews, conference papers, book chapters and data papers published in 2014-2017, and divides this by the number of publications published in 2014-2017. [Learn more >](#)



CiteScore **2017**



$$1.4 = \frac{2,682 \text{ Citations 2014 - 2017}}{1,977 \text{ Documents 2014 - 2017}}$$

Calculated on 01 May, 2018



= --

CiteScore rank 2017



# Researcher Discovery

# Researcher Discovery



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- Maximize your collaboration
- Conversation in-depth on specific research field

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Researcher Discovery

Organizations

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"Industry 4.0" "Climate change" Marketing

# Researcher Discovery



Matching researchers for:

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Keyword

Enter keywords  
ethanol dehydrogenation



Filter

Results based on matching documents since 2017

[Export all results](#)

[About the metrics](#) Sort by [Matching documents \(Highest\)](#) ▼

Refine by

Matching documents from

- This year
- Last 2 years
- Last 3 years

Country

Type country name

- Thailand
- Italy
- United States
- China
- Russian Federation

[Show all](#)

Organizations

Type organization name

- Chulalongkorn University

Author information	Number of matching documents	Total citations	Total documents	<i>h</i> -index
<b>Jongsomjit, Bunjerd</b> Chulalongkorn University, <i>Thailand</i> <a href="#">Preview profile</a>	17	2177	203	25
<b>Praserthdam, Piyasan</b> Chulalongkorn University, <i>Thailand</i> <a href="#">Preview profile</a>	15	7188	502	45
<b>Busca, Guido</b> Università degli Studi di Genova, <i>Italy</i> <a href="#">Preview profile</a>	12	24812	531	98
<b>Garbarino, Gabriella</b> Università degli Studi di Genova, <i>Italy</i> <a href="#">Preview profile</a>	12	1624	73	28
<b>Riani, Paola</b> UdR Genova, <i>Italy</i> <a href="#">Preview profile</a>	10	2272	100	31
<b>Wang, Lichang</b>	9	5278	151	39

Related  
researchers

# Researcher Discovery



Researcher detail

## Author profile preview

Jongsomjit, Bunjerd

Chulalongkorn University, *Thailand*

Experience in research: **22+ years**

Year of latest matching document: **2023**

[View full profile](#)

Researcher detail

## Most contributed topics

2018–2022

Bioethanol; Dehydration; Propylene

Acetaldehyde; Catalyst; Dehydrogenation

Ziegler Catalyst; Ethylene; Magnesium Chlorides

## Latest publications

Matching documents All documents

Investigation on deactivation of Cu-Cr catalyst for direct ethanol dehydrogenation to ethyl acetate, acetaldehyde, and hydrogen

Preedavijitkul, S., Autthanit, C., ...Jongsomjit, B.

*Journal of the Taiwan Institute of Chemical Engineers*, 2023

Synthesis and characteristics of mesoporous carbon catalysts via sulfonation process from surfactant residue and their catalytic properties toward gas-phase ethanol dehydrogenation

Klinthongchai, Y., Praserttham, P., Jongsomjit, B.

*Journal of the Taiwan Institute of Chemical Engineers*, 2022

Email for contacting

Corresponding author e-mail address\*

[✉ bunjerd.j@chula.ac.th](mailto:bunjerd.j@chula.ac.th)

\* Sourced from the most recent document in Scopus that the researcher was the corresponding author for.

Publications

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Enter keywords  
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Results based on matching documents since 2017

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Country

Type country name

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Organizations

Type organization name

- Chulalongkorn University

Author information	Number of matching documents	Total citations	Total documents	h-index
<b>Jongsomjit, Bunjerd</b> Chulalongkorn University, <i>Thailand</i> <a href="#">Preview profile</a>	17	2177	203	25
<b>Praserttham, Piyasan</b> Chulalongkorn University, <i>Thailand</i> <a href="#">Preview profile</a>	15	7188	502	45
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<b>Garbarino, Gabriella</b> Università degli Studi di Genova, <i>Italy</i> <a href="#">Preview profile</a>	12	1624	73	28
<b>Riani, Paola</b> UdR Genova, <i>Italy</i> <a href="#">Preview profile</a>	10	2272	100	31
<b>Wang, Lichang</b>	9	5278	151	39



# Organization Searching

# Affiliation Search



Scopus

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## Affiliation Search Function

Documents Authors Researcher Discovery <sup>New</sup> Organizations [Search tips ?](#)

Search within  
Article title, Abstract, Keywords [v](#)

Search documents \*

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# Scopus Affiliation Profile

## Imperial College London

South Kensington Campus,, London, United Kingdom © 60015150

323,204

Documents ⓘ

41,453

Authors

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323,204 Documents

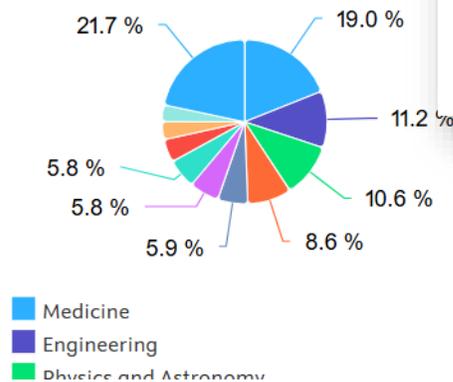
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Subject area	Documents
Medicine	86,595
Engineering	51,027
Physics and Astronomy	48,648
Biochemistry, Genetics and Molecular Biology	39,426

### Subject trends



## Documents by Source

[Documents](#) [Structure](#) [Collaborators](#) [Sustainable Development Goals 2023](#) New

**New:** See at one glance Sustainable Development Goals mapped to this organisation

Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. Elsevier data science teams have built extensive keyword queries, supplemented with machine learning, to map documents to SDGs with very high precision. Times Higher Education (THE) is using Elsevier SDG data mapping as part of its Impact Rankings. [More about SDGs](#) ↗

### SDG contributions

Goal 1: No poverty	601 documents	Goal 10: Reduced inequalities	1,780 documents
Goal 2: Zero hunger	1,890 documents	Goal 11: Sustainable cities and communities	3,280 documents
Goal 3: Good health and well-being	70,854 documents	Goal 12: Responsible consumption and product	1,864 documents

## Collaborating Affiliations

150 Collaborating organizations

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Organization name	Documents
National Heart and Lung Institute	16,184
University of Oxford	12,798
University College London	12,771
University of Cambridge	9,354
Hammersmith Hospital	8,557

# View Document Affiliations Results

276,139 document results

AF-ID ("Massachusetts Institute of Technology" 60022195)

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Search within results...



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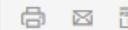
Year

- 2024 (439) >
- 2023 (9,519) >
- 2022 (10,440) >
- 2021 (10,464) >
- 2020 (10,047) >

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	Document title	Authors	Year	Source	Cited by
<input type="checkbox"/> 1	Single-sided magnetic resonance-based sensor for point-of-care evaluation of muscle <i>Open Access</i>	Sherman, S.E., Zammit, A.S., Heo, W.-S., Rosen, M.S., Cima, M.J.	2024	Nature Communications 15(1),440	0

Hide abstract ^ 1Cate View at Publisher Related documents

Magnetic resonance imaging is a widespread clinical tool for the detection of soft tissue morphology and pathology. However, the clinical deployment of magnetic resonance imaging scanners is ultimately limited by size, cost, and space constraints. Here, we discuss the design and performance of a low-field single-sided magnetic resonance sensor intended for point-of-care evaluation of skeletal muscle in vivo. The 11 kg sensor has a penetration depth of >8 mm, which allows for an accurate analysis of muscle tissue and can avoid signal from more proximal layers, including subcutaneous adipose tissue. Low operational power and shielding requirements are achieved through the design of a permanent magnet array and surface transceiver coil. The sensor can acquire high signal-to-noise measurements in minutes, making it practical as a point-of-care tool for many quantitative diagnostic measurements, including T2 relaxometry. In this work, we present the in vitro and human in vivo performance of the device for muscle tissue evaluation.

<input type="checkbox"/> 2	Towards provably efficient quantum algorithms for large-scale machine-learning models <i>Open Access</i>	Liu, J., Liu, M., Liu, J.-P., (...), Eisert, J., Jiang, L.	2024	Nature Communications 15(1),434	0
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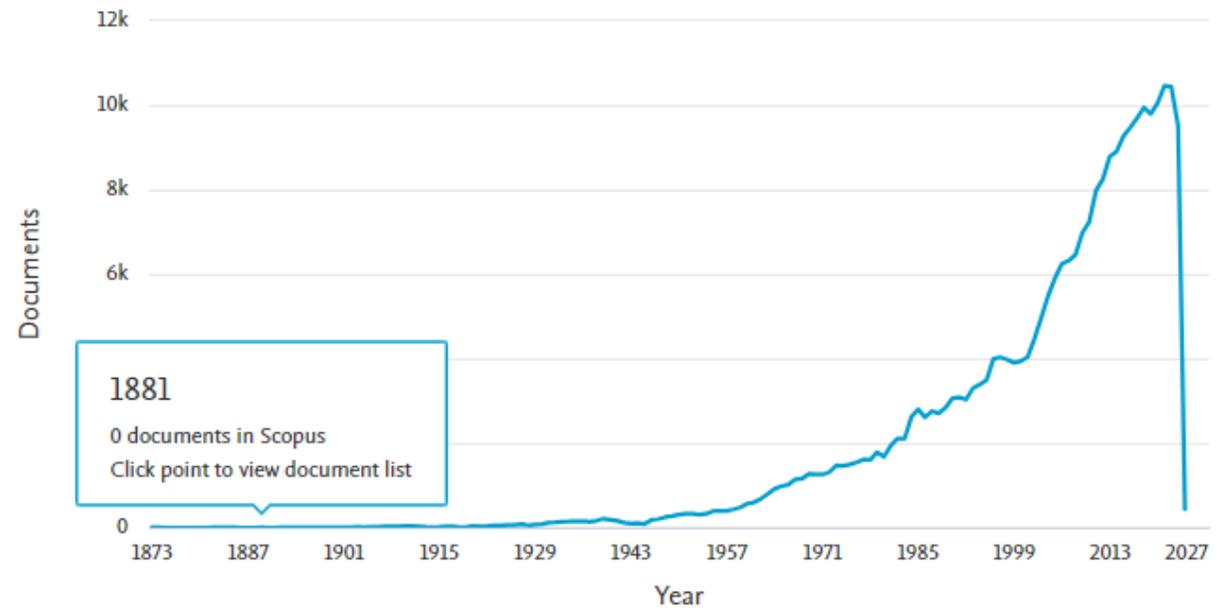
AF-ID ( "Massachusetts Institute of Technology" 60022195 )

276,139 document results

Select year range to analyze: 1873 to 2024 [Analyze](#)

Year ↓	Documents ↑
2024	439
2023	9519
2022	10440
2021	10464
2020	10047
2019	9797
2018	9945
2017	9691
2016	9473
2015	9265

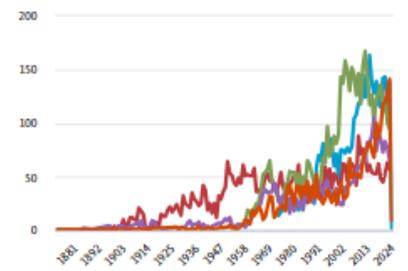
Documents by year



# Search analysis



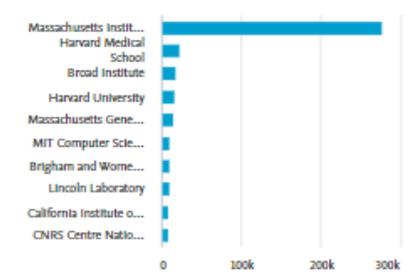
Documents per year by source



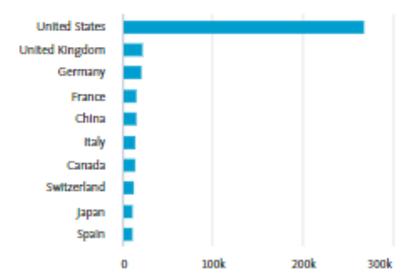
Documents by author



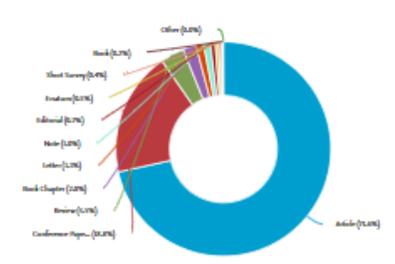
Documents by affiliation



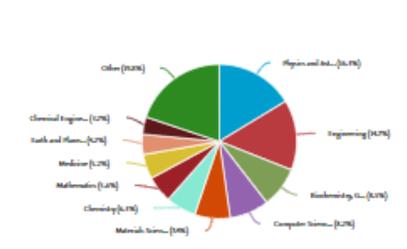
Documents by country/territory



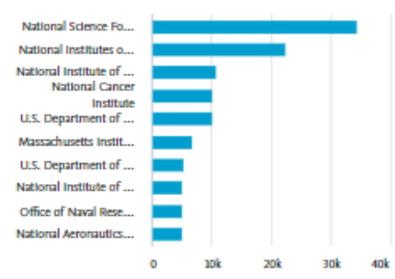
Documents by type



Documents by subject area



Documents by funding sponsor



# Scopus Author Profile Affiliation



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Author affiliation matches for: "Massachusetts Institute of Technology" ID 60022195

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	Author	Documents	<i>h</i> -index	Affiliation	City	Country/Territory
<input type="checkbox"/> 1	Paus, Christoph Paus, Ch Paus, C. <a href="#">View last title</a>	2056	135	Massachusetts Institute of Technology	Cambridge	United States
<input type="checkbox"/> 2	Langer, Robert Samuel M. S. Langer, Robert Robert, Langer Langer, R. S. <a href="#">View last title</a>	1850	255	Massachusetts Institute of Technology	Cambridge	United States
<input type="checkbox"/> 3	Gómez-Ceballos, Guillermo Gómez-Ceballos, G. Gomez-Ceballos, Guillermo Gomez Ceballos, G. <a href="#">View last title</a>	1708	132	Massachusetts Institute of Technology	Cambridge	United States
<input type="checkbox"/> 4	Kovalskiy, Dmytro Kovalskiy, D. <a href="#">View last title</a>	1672	133	Massachusetts Institute of Technology	Cambridge	United States
<input type="checkbox"/> 5	Goncharov, Maxim V. <a href="#">View last title</a>	1641	133	Massachusetts Institute of Technology	Cambridge	United States

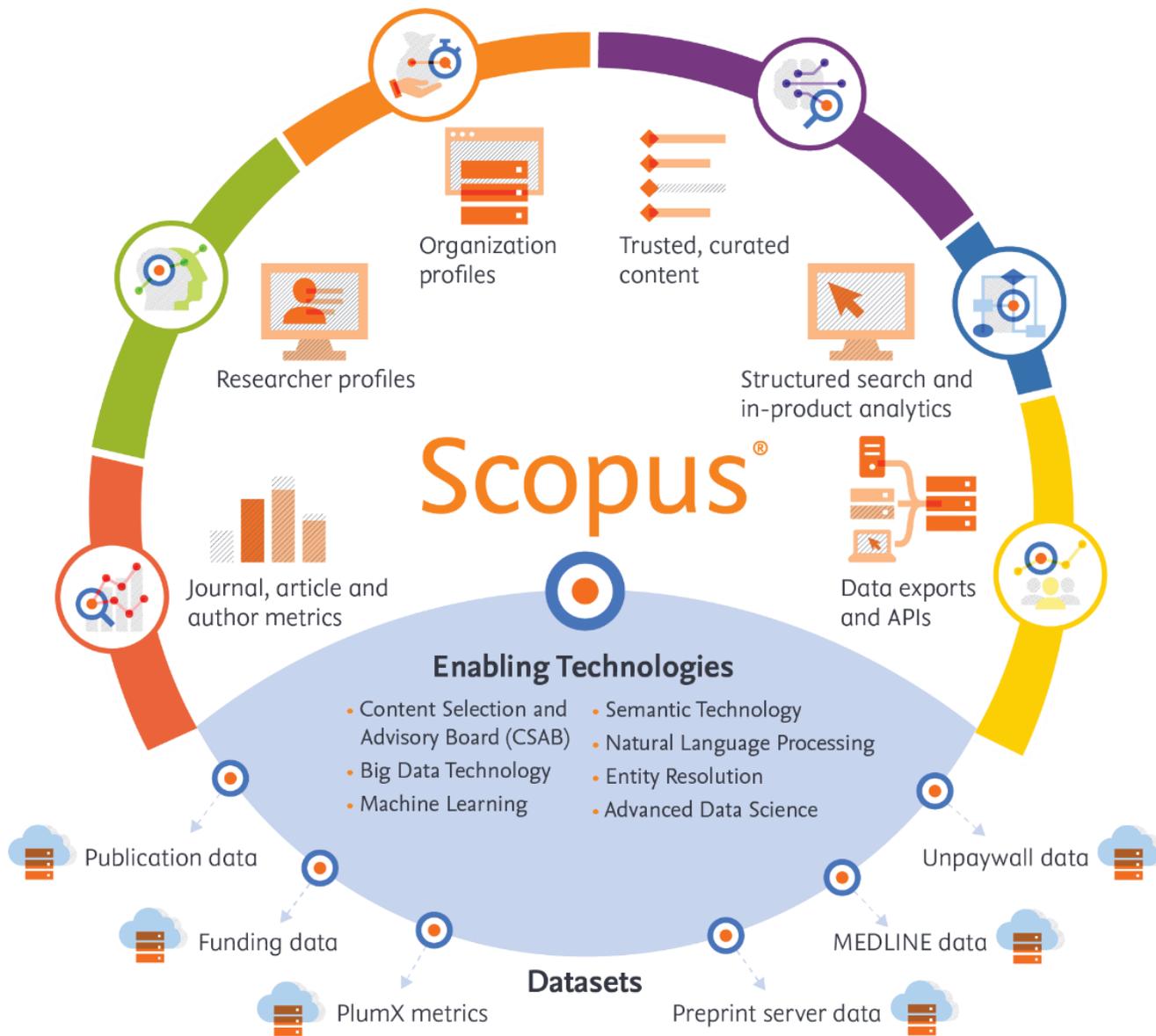
# Audience Poll



How often do you use Scopus?

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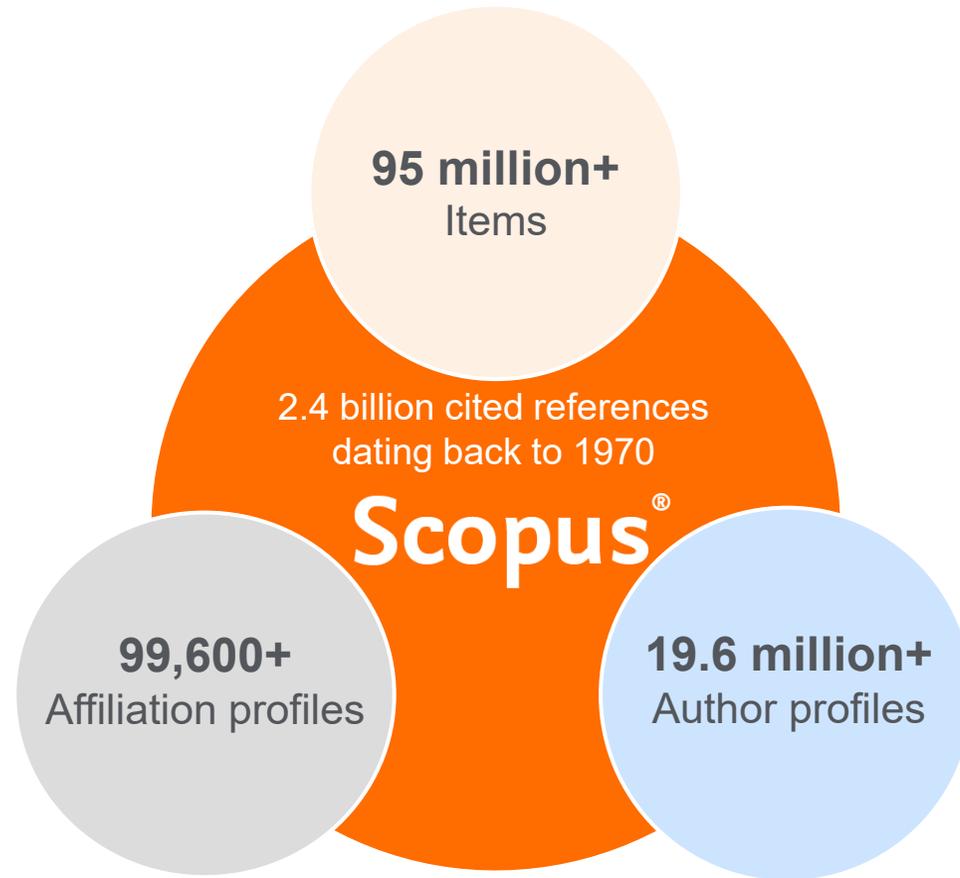
28K serials, 149K conferences, 292K books, 6,128 active Gold OA journals, from 7K+ publishers in 105 countries

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#### Daily updates

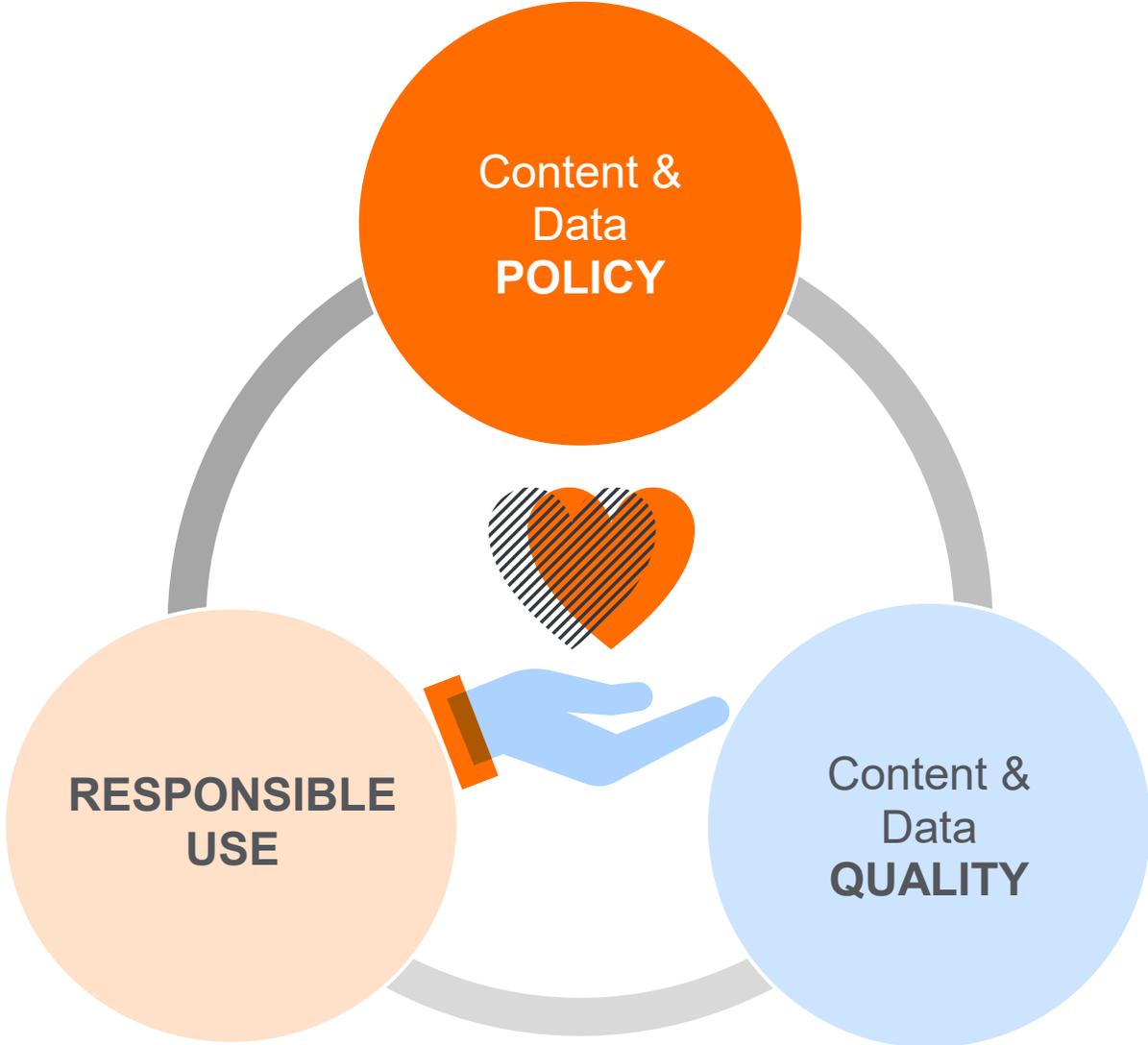
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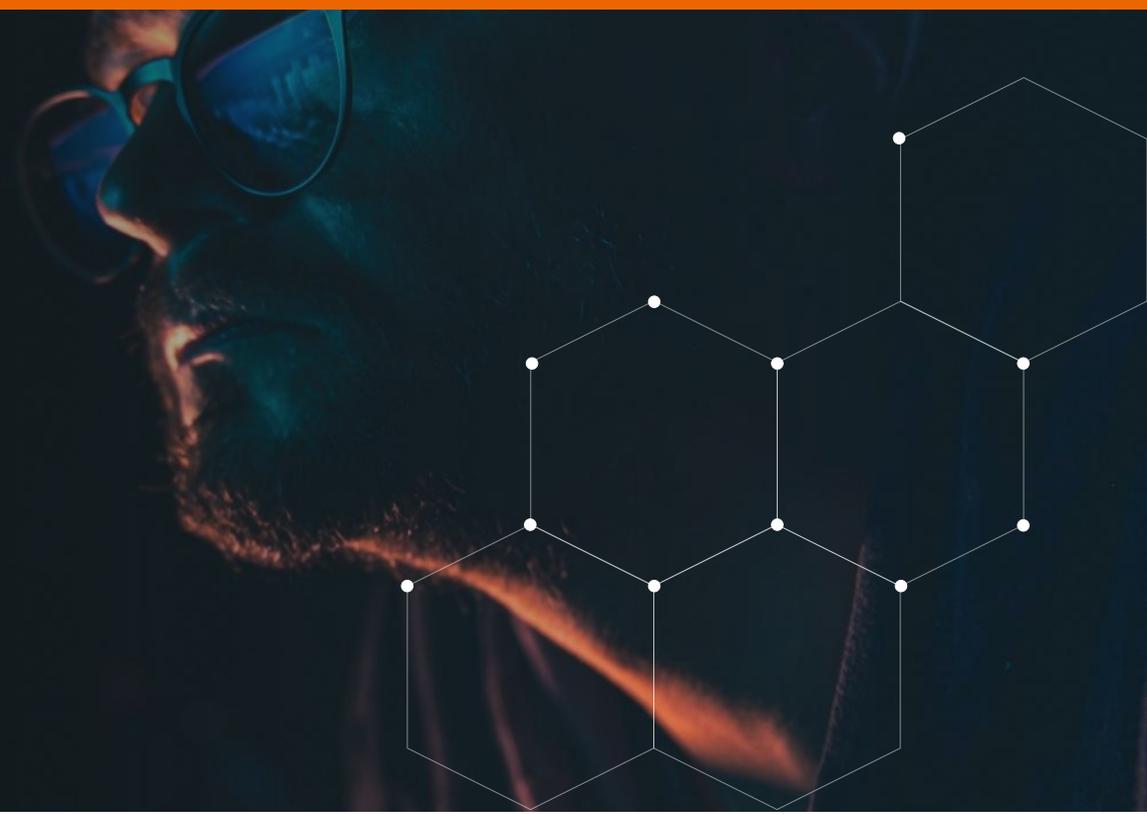
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# Introduction to ScopusAI

Scopus



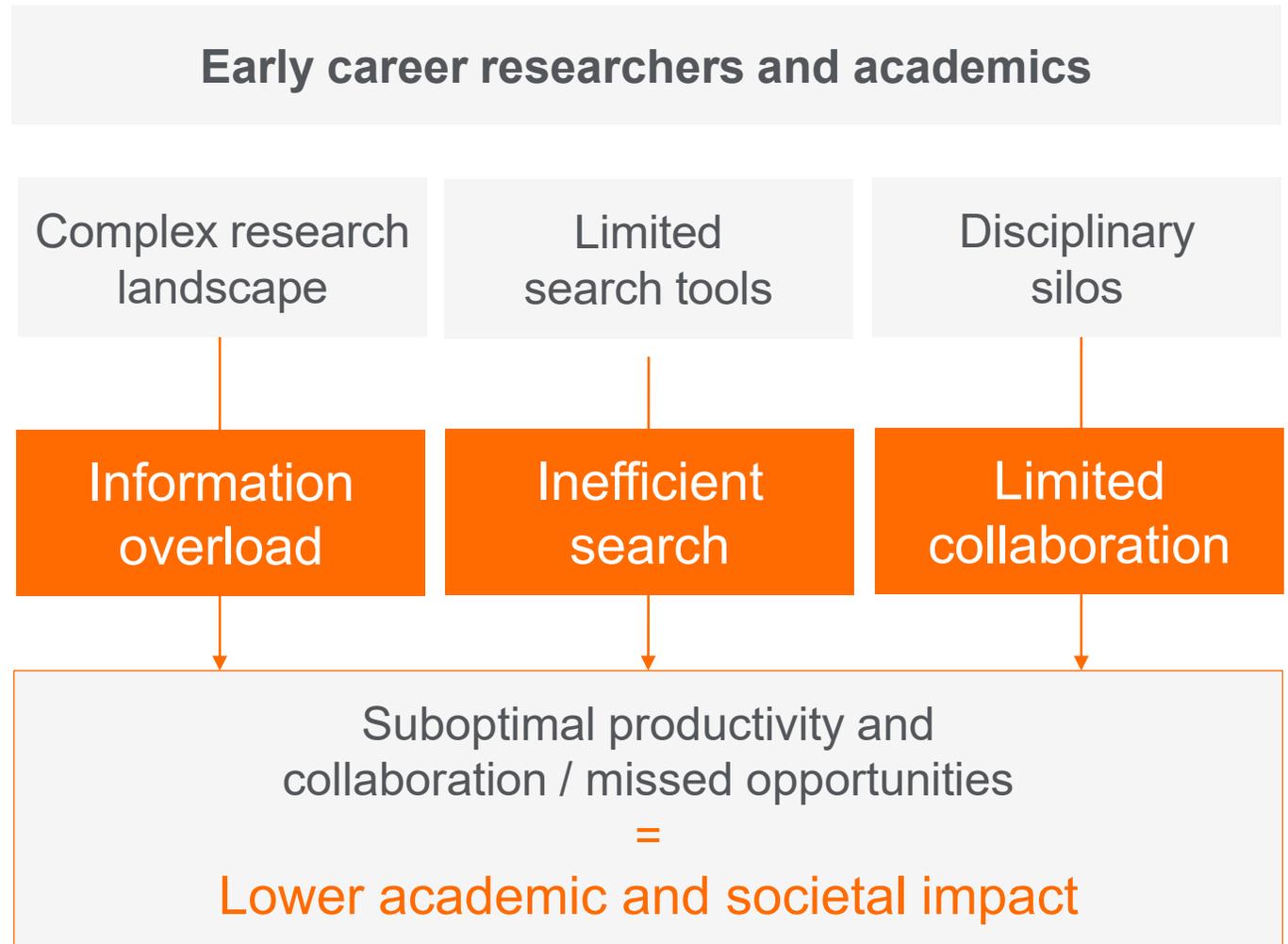
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What is your level of trust in using generative AI solutions to help you with your research work?

# There are many challenges in research today

60% of Scopus users told us they wanted a way to learn about new topics more effectively

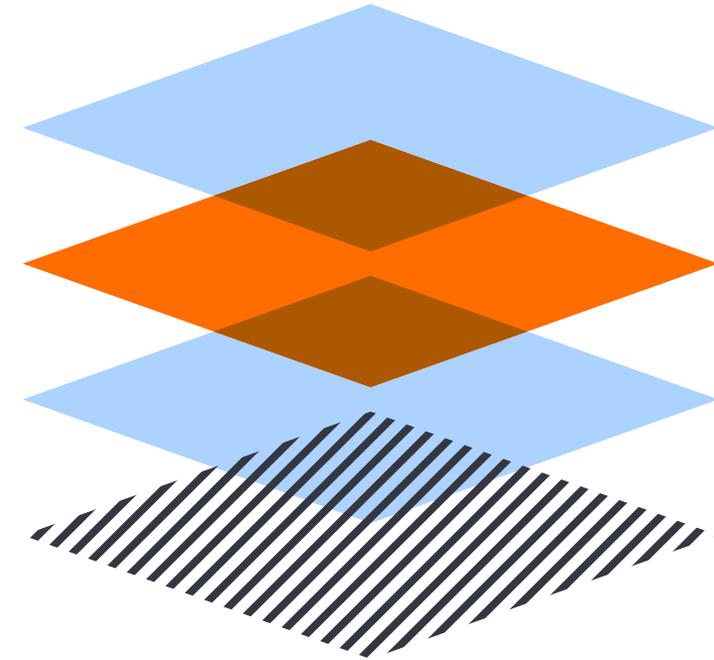


# GenAI can help you get up to speed quickly

However, many of the GenAI tools on the market today are **unable to deliver the type – and range – of insights you need** when learning about a new field. For example:

- The topic essentials
- The important ideas and emerging themes
- Who the top researchers are

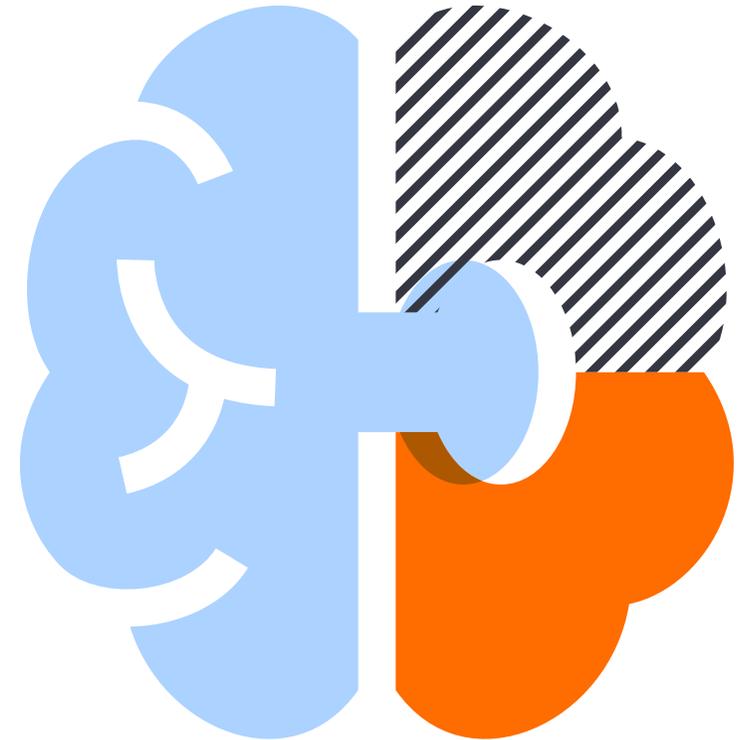
Crucially, many **lack transparency** around how they work — and even the content they draw on.



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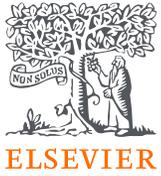
Built in close collaboration with the academic community, it has been designed to respond to your natural language queries with focused and easy-to-understand insights on new terms, concepts and disciplines.



# How do users benefit from using Scopus AI?

- **Finding references**  
(e.g., for thesis or manuscript)
- **Getting familiar** with a new topic
- **Deepening understanding** of a research topic
- **Better articulating** a hypotheses or ideas
- **Explaining a complex topic** to juniors / non-academics
- **Collaborating** with others





# ScopusAI

Scopus



# Scopus AI today

Explore topics and discover relevant references since 2003 [How it works](#)

What impact does climate change have on coffee production?

**What impact does climate change have on coffee production?**

[Hide Copilot steps](#) ^

- Creating plan to answer your query
- Performing natural language search:
  - Impact of climate change on coffee production
- Performing keyword search:
  - ("climate change" OR global warming OR "climate crisis" OR "environmental change") AND ("coffee production" OR "coffee farming" OR "coffee cultivation" OR "coffee growing")
- Generating summary

**Summary**

Climate change has a significant impact on coffee production, affecting both yields and quality. Here are the key impacts supported by relevant abstracts:

- Reduction in Suitable Areas and Yields:** Climate change leads to a reduction in the area suitable for coffee production, lower yields, and increased intensity and frequency of extreme climate events [1](#) [2](#) [3](#) [4](#) .
- Pests and Diseases:** Increased temperature and rainfall variability induce the occurrence of pests and diseases, negatively affecting the volume and quality of coffee production [2](#) [3](#) [5](#) .
- Adaptation Strategies:** Farmers implement adaptation strategies such as selecting appropriate shade tree species, soil fertility maintenance, and pests and diseases management to minimize the detrimental effects of climate change [2](#) [5](#) [6](#) .

**Expanded summary** ^

Based on the user's query, I will address the impact of climate change on coffee production, the quality of coffee beans, the economic implications, the geographic distribution of coffee cultivation, and adaptive strategies for coffee farmers to mitigate the effects of climate change.

**Impact of Climate Change on Coffee Production and Quality:**

- Recent climate change models predict that coffee production and the livelihood of millions of farmers will be significantly affected by climate change. This is due to increasing temperature and rainfall variability, which will reduce the bio-climatic suitable areas, growth, and yield of coffee, and induce the occurrence of pests and diseases [1](#) [2](#) .

**References**

- 1 Opportunities for enhancing the climate resilience of coffee production through improved crop, soil and water management  
Bracken P., Burgess P.J., Girkin N.T.  
*Agroecology and Sustainable Food Systems* 2023
- 2 The impact of climate change on coffee production of small farmers and their adaptation strategies: a review  
Jawo T.O., Kyereh D., Lojka B.  
*Climate and Development* 2023
- 3 The impact of climate change and variability on coffee production: a systematic review  
Pham Y., Reardon-Smith K., Mushtaq S., Cockfield G.  
*Climatic Change* 2019

[Show all 7 references](#)

Copilot query tool

Natural language queries

Summary and Expanded summary

Clear references

# Deep dive: Copilot

Co-pilot enables Scopus AI to optimize queries for the best results. Testing and offline evaluation has shown it massively improves the quality of the results produced. It also enables Scopus AI to support a full range of queries, from very specific to very broad. Copilot is an advance for Scopus AI which:

- Uses **both keyword and vector search tools** to help improve specificity of results
- **Breaks down complex queries** into separate elements and optimizes them for either vector or keyword search
- Also ensures **query language is optimized** for the English Scopus corpus (e.g., corrects spelling)
- Supports **non-English language** queries
- **Accepts longer text queries**, including full abstracts
- **Considers more search results** (up from 10 in the summary and 20 in the expanded summary to a new upper limit of 30)
- Co-pilot also provides a unique transparency layer that explains exactly how the tool is breaking down/optimizing the query. **This is unique among GenAI solutions currently on the market.**

## Do RPL18 mutations cause DBA?

[Hide Copilot steps](#) ^

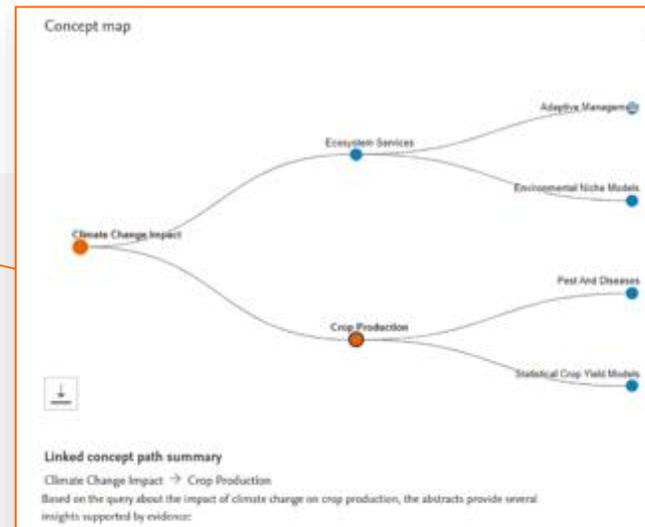
- ☑ **Creating plan to answer your query**
- ☑ **Searching for relevant academic papers on Scopus based on:**
  - Do RPL18 mutations cause Diamond-Blackfan anemia?
- ☑ **Searching for relevant documents in the topic of:**
  - RPL18 mutations and Diamond-Blackfan anemia
  - Keyword query: ("RPL18" OR "ribosomal protein L18" OR "ribosome protein L18" OR "RPL18 gene") AND ("Diamond-Blackfan anemia" OR "DBA" OR "congenital hypoplastic anemia" OR "Diamond-Blackfan syndrome")
- ☑ **Generating summary**

### Summary

Based on the query about RPL18 mutations causing Diamond-Blackfan anemia (DBA), the evidence from the abstracts provides a direct answer:

# Scopus AI today

Concept map



**Foundational documents**

**203 citations**  
A bitter cup: climate change profile of global production of Arabica and Robusta coffee  
C., Bunn, Christian, P.R., Libreville, Peter Roman, O., Ouelle-Rivers, Olfara, O., Krachka, Dieter  
Climate Change > 2021.

**214 citations**  
Projected shifts in Coffea arabica suitability among major global producing regions due to climate change  
O., Ouelle-Rivers, Olfara, P.R., Libreville, Peter Roman, C., Bunn, Christian, (-), G., Scheith, Gert  
PLoS ONE > 2021

Show more documents

Foundational documents

**NEW: Emerging themes**

Topic experts

**Emerging themes**

**Microplastic Pollution in Freshwater Ecosystems** Consistent theme

The persistent presence of microplastics in freshwater ecosystems continues to be a significant area of research. This theme has maintained steady interest due to the ongoing discovery of microplastic sources, their ecotoxicological effects, and the development of remediation strategies.

Show references

Potential hypotheses

- Microplastic pollution in freshwater ecosystems has a more significant impact on biodiversity than previously understood
- Innovative bioremediation techniques can significantly reduce microplastic concentrations in freshwater environments

**Topic experts**

**Kath, Jarrod M. J.M.**

180 citations 4 matching documents 17 h-index

Jarrod M. Kath has expertise in assessing the impact of climate change on coffee production through integrated spatial modeling, scale-dependency analysis of climate risks, and improving irrigation management for coffee farms. Their research on identifying potential coffee growing areas and determining critical thresholds for coffee production under climate change demonstrates their in-depth understanding of the subject.

Preview profile

Go deeper questions

**Go deeper**

- How does climate change affect the flavor profile of coffee beans?
- What measures can coffee farmers take to mitigate the impact of climate change on their crops?
- How does climate change influence the geographic distribution of coffee-growing regions?

# What is included in a Scopus AI response?



## Summary

A fully referenced Summary that includes guidance on the tool's confidence in the response



## Expanded summary

An extended referenced summary that explores each query from multiple perspectives



## Go deeper questions

A series of prompts designed to help you continue exploring and learning



## Concept map

A clickable visual that uses keywords to provide a bird's-eye view of the topic space



## Foundational documents

A list of influential articles that inspired the articles cited in the summaries



## Topic experts

The top researchers in your chosen field (based on their volume of related publications)



## **NEW:** Emerging themes

A topic overview that helps you identify the research themes in your field of interest – including potential areas of opportunity; for example, those that are new or currently underserved by the literature

# Scopus AI natural language queries

## Your search, your way

Ask questions on your chosen topic in a natural, conversational manner, supported by our powerful new **Copilot search tool**.

## Benefits of Copilot

- Can combine both vector and keyword search
- Breaks down and optimizes queries to improve the specificity of results
- Supports queries in multiple languages
- Accepts longer text queries
- Considers more results

Copilot also provides a transparency layer that explains exactly how the tool has broken down and optimized your query. **It is one of very few GenAI solutions on the market to do this.**

Explore topics and discover relevant references since 2003 [How it works](#)

How can game theory be applied to corporate compliance programs?



**How can game theory be applied to corporate compliance programs?**

Hide Copilot steps ^

- ☑ Creating plan to answer your query
- ☑ Performing natural language search:
  - Application of game theory in corporate compliance programs
- ☑ Performing keyword search:
  - ("game theory" OR "strategic interaction" OR "decision theory" OR "interactive decision making") AND ("corporate compliance" OR "business compliance" OR "regulatory compliance" OR "corporate governance") AND ("programs" OR "initiatives" OR "strategies" OR "policies")
- ☑ Generating summary

# Summaries with Scopus references

## Learn about your chosen topic

- The **easy-to-digest Summary** provides a concise response to your initial query.
- The **Expanded summary** offers more depth and a wider range of perspectives.

### Summary

Climate change poses a significant threat to coffee production, impacting both yields and quality [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) . Here's a breakdown of the specific threats:

#### Direct and Indirect Impacts:

- Reduction in suitable production areas, lower yields, increased frequency of extreme climate events, and greater incidence of pests and diseases are direct impacts of climate change on coffee production [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .
- Changes in rainfall patterns, temperature rise, and erratic weather negatively affect the volume and quality of coffee production [10](#) [11](#) [14](#) [9](#) .

#### Adaptation Strategies:

- Sustainable management practices, such as agroforestry and altering agrochemical inputs, can enhance the resilience of coffee production to climate change [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .
- Relocation of coffee plantations to more climatically suitable areas, irrigation, and diversification of coffee farms with trees are potential adaptation strategies [12](#) .

#### Vulnerability of Smallholder Farmers:

- Smallholder coffee farmers, who represent the majority of coffee producers, are highly vulnerable to the impact of climate change due to financial insecurity and limited access to adaptation measures [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .

In conclusion, the adverse effects of climate change on coffee production necessitate urgent implementation of adaptation strategies and policy interventions to support the resilience of coffee farmers and ensure the sustainability of coffee production [1](#) [10](#) [11](#) [12](#) [13](#) [14](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) .

### References

- 1 Opportunities for enhancing the climate resilience of coffee production through improved crop, soil and water management  
Bracken P., Burgess P.J., Girkin N.T.  
*Agroecology and Sustainable Food Systems* ↗ 2023
- 2 Coffee in the crosshairs of climate change: agroforestry as abatis  
Rice R.A.  
*Agroecology and Sustainable Food Systems* ↗ 2018
- 3 Coffee and chocolate in danger  
Gross M.  
*Current Biology* ↗ 2014

[Show all 14 references](#)

### Foundational documents

- 348 citations
- A bitter cup: climate change profile of global production of Arabica and Robusta coffee  
C., Bunn, Christian, P.R., Läderach, Peter Roman, O., Ovalle-Rivera, Oriana, D., Kirschke, Dieter  
*Climatic Change* ↗ 2015

### Expanded summary

Based on the user's query, I will provide a summary that addresses the impact of climate change on coffee production, including its effects on yield and quality, the specific environmental factors affected, the economic implications, and sustainable agricultural practices to mitigate these impacts.

#### Impact of Climate Change on Coffee Production:

- Climate change poses a significant threat to coffee production, affecting both yields and quality [1](#) [2](#) [3](#) [4](#) [5](#) .
- Adverse environmental impacts include a reduction in suitable production areas, lower yields, increased intensity and frequency of extreme climate events, and a greater incidence of pests and diseases [1](#) [2](#) [3](#) .
- Changes in temperature, rainfall variability, and soil moisture are key environmental factors affected by climate change, leading to decreased coffee suitability areas, growth, yield, and increased pest and disease pressure [2](#) [4](#) [5](#) .

#### Economic Implications:

- The economic implications of climate change on the coffee industry are substantial, as coffee production supports the livelihoods of over 25 million people globally, the majority of whom are smallholder farmers located in the coffee belt spanning the tropics [1](#) .
- Climate change is projected to significantly lower coffee production, with potential yield decreases between 25% and 75% by the 2050s, leading to economic challenges for both farmers and national economies [6](#) [7](#) .

#### Mitigation Strategies:

- Sustainable management practices are urgently needed to enhance the resilience of coffee production and livelihoods to climate change [1](#) .
- Specific adaptation strategies pursued by farmers to reduce the impacts of climate change include selecting

# Transparency and context about our confidence in the responses

## Reflection layer

The prompt engineering guides the large language model to signpost in the summaries how relevant the response is to your query.

In this example, the language at the top of the Summary makes it clear that confidence in the response is medium, while the last paragraph adds nuance about the information available.

\* Interface and functionality subject to change

Explore topics and discover relevant references since 2013 [How it works](#)

Do RPL18 mutations cause DBA

Copilot 

### Do RPL18 mutations cause DBA

[Show Copilot steps](#) ▾

#### Summary

Based on the available abstracts, it can be inferred that mutations in ribosomal protein L18 (RPL18) are associated with Diamond-Blackfan anemia (DBA) [1](#) [2](#) . Here's a summary of the relevant findings:

- **Association with DBA:** Mutations in RPL18 have been identified in DBA patients, and the deficiency of RPL18 mirrors the erythroid defects observed in DBA [1](#) .
- **Pathogenesis:** Research using a zebrafish model demonstrated that RPL18 deficiency leads to a lack of mature red blood cells and activates the JAK2-STAT3 pathway, suggesting its involvement in the pathogenesis of DBA [1](#) .
- **Genetic Aetiology:** Whole exome sequencing analysis identified a non-synonymous variant in RPL18 in a family with DBA, resulting in pre-rRNA processing defects [2](#) .
- **Implications:** The identification of RPL18 mutations in DBA patients provides insights into the genetic basis of the disease and its potential role in ribosomal function and erythropoiesis [1](#) [2](#) .

In conclusion, the available evidence supports the association of RPL18 mutations with DBA, shedding light on the genetic underpinnings and potential pathogenic mechanisms of the disease.

# Go deeper queries

## Continue learning and exploring

Scopus AI generates three **Go deeper questions** for each query that help you drill down and broaden your understanding.

↳ How does rising global temperatures affect the growth and yield of coffee plants?

↳ What are the specific climate-related factors that contribute to the spread of coffee diseases and pests?

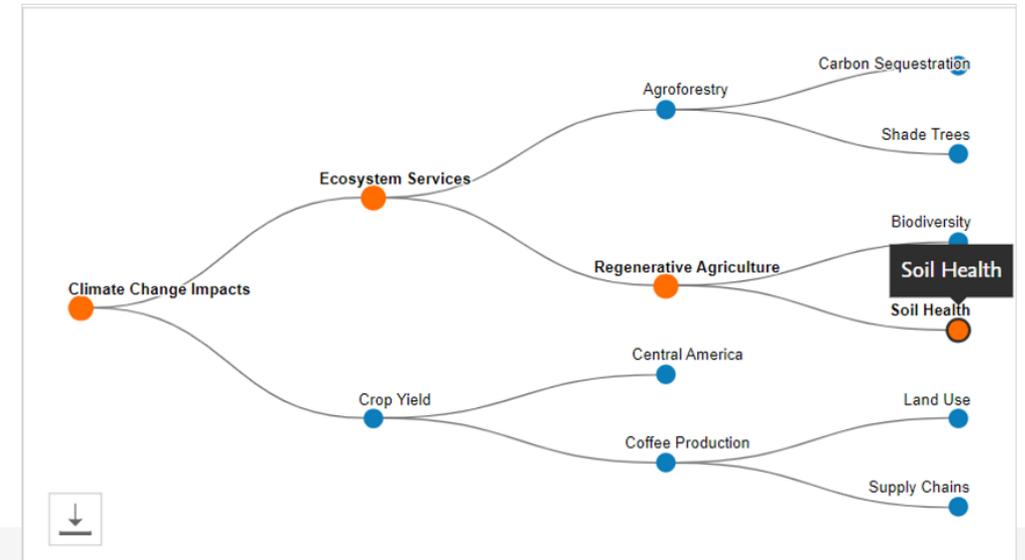
↳ How does changing rainfall patterns impact the quality and flavor profile of coffee beans?

# The Concept map

## See the big picture

The **Concept map** helps you get a bird's-eye view of the topic space and a more complete picture of your theme and its relationship to other research areas.

Clicking on a node will highlight how the node relates to the topic, and an explanation of the relationship will be provided beneath the Concept map.



Climate Change Impacts → Ecosystem Services → Regenerative Agriculture → Soil Health

The impact of climate change on soil health and its implications for regenerative agriculture and ecosystem services are well-documented in the literature.

### Climate Change and Soil Health:

- Climate change affects soil health through factors such as weather variability, land use practices, and anthropogenic activities [1](#).
- It can lead to soil desertification, erosion, and degradation, impacting soil biological, chemical, and physical functions [2](#).
- The review emphasizes the intertwined relationship between climate change and soil health, highlighting the need for multidisciplinary approaches to improve crop production and achieve sustainable development goals [1](#).

# Foundational documents



## Discover influential papers

The list of **Foundational documents** illustrates which papers heavily influenced the documents that Scopus AI used to write its response, specifically the Summary.

### Foundational documents

189 citations

**The ribosomal basis of diamond-blackfan anemia: Mutation and database update**

I., Boria, Ilenia, E., Garelli, Emanuela, H.T., Gazda, Hanna T., (...), I., Dianzani, Irma

*Human Mutation* ↗ 2010

336 citations

**Ribosomal Protein L5 and L11 Mutations Are Associated with Cleft Palate and Abnormal Thumbs in Diamond-Blackfan Anemia Patients**

H.T., Gazda, Hanna T., M.R., Sheen, Mee Rie, A., Vlachos, Adrianna, (...), A.H., Beggs, Alan H.

*American Journal of Human Genetics* ↗ 2008

[Show more documents](#)

# Topic experts



## Meet the experts

Scopus AI draws on the rich Author Profiles in Scopus to introduce the most active authors in your chosen field, along with explanations of their relevant expertise.

### Topic Experts

[Ramalho, José C. J.C.](#)

| 3578 citations   5 matching documents   41 h-index

José C. Ramalho is an expert in the impact of climate change on coffee production, as evidenced by their research on the biochemical and molecular responses of coffee plants to supra-optimal temperatures and elevated CO<sub>2</sub>, as well as their investigation into the effects of drought, warming, and high CO<sub>2</sub> on coffee in the context of future climate change scenarios.

[Van Asten, Piet J.A. P.J.](#)

| 2875 citations   3 matching documents   31 h-index

Piet J.A. Van Asten is an expert in the adaptation strategies of coffee production to climate change. Their work focuses on understanding the critical thresholds for global coffee production under climate change, the influence of vapour pressure deficit on coffee ripening, and the exploration of adaptation strategies for coffee production in the face of climate change using process-based models.

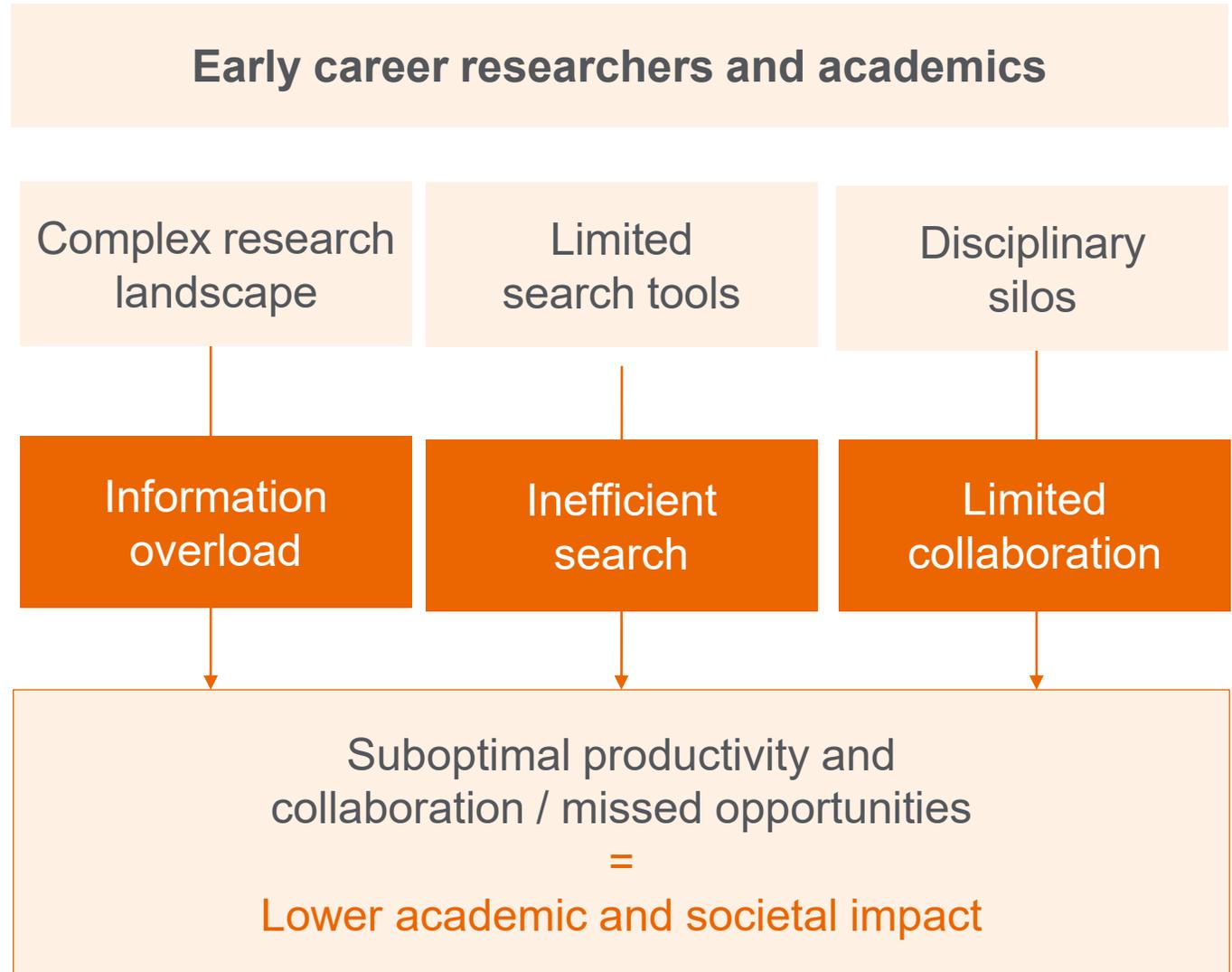
# Understanding the power of Emerging themes on Scopus AI



# There are many challenges in research today

60%

of Scopus users told us they wanted a way to learn about new topics more effectively



# Emerging themes



## Identify your next research area

Emerging themes is the logical next step on your discovery journey.

This new feature provides a comprehensive map of the themes in your selected research area and identifies the 'whitespace' you can use to target your next publication, collaboration or funding opportunity.

The screenshot displays the 'Emerging themes' interface. It features a main content area on the left and a sidebar on the right. The main area lists several research themes, each with a brief description and a list of associated articles. The sidebar provides a detailed view of the selected theme, 'Microplastics in Polar Regions', including a progress bar for the number of articles and a list of recent publications.

**Emerging themes**

**Microplastics in Freshwater Ecosystems** [View articles](#)

The consistent presence of microplastics in freshwater ecosystems continues to be a significant area of research. It has been the main driver, especially due to the ongoing discovery of their diverse sources, their recognition of effects, and the development of remediation strategies.

**Show related articles**

**Related topics**

- Microplastic pollution in freshwater ecosystems has a more significant impact on freshwater than previously understood.
- Proactive detection techniques can significantly reduce microplastic concentrations in freshwater environments.

**Microplastics in Marine Food Webs** [View articles](#)

The study of microplastics' impact on marine food webs is gaining traction, highlighting the trophic transfer and accumulation of these pollutants. This emerging trend addresses the need for comprehensive research on microplastics' effects on marine organisms at different trophic levels and the potential human health implications.

**Show related articles**

**Related topics**

- Microplastics significantly affect the trophic transfer and energy flow within marine food webs.
- The higher incidence of microplastics in marine organisms raises a higher risk of human health than currently recognized.

**Microplastics in Polar Regions** [View articles](#)

Research on microplastic pollution in polar regions is emerging, driven by the unique environmental conditions and the potential for long-range transport. This research is crucial for understanding the global distribution of microplastics and their ecological impacts in these sensitive environments.

**Show related articles**

**Related topics**

- Polar regions act as significant sinks for global microplastic pollution, affecting local ecosystems and global climate patterns.
- Microplastic pollution in polar regions has unique ecological impacts due to the extreme environmental conditions.

**Biodegradable Microplastics** [View articles](#)

The study of biodegradable microplastics is a novel theme, focusing on their interactions with pollutants and their potential biodegradability. This area of research is critical for developing sustainable alternatives to conventional plastics and understanding their environmental implications.

**Show related articles**

**Microplastics in Polar Regions**

**Keywords**

Based on the selected document and your chosen topics.

**01/2023 - 04/2024** 21 documents

**04/2022 - 04/2023** 17 documents

**Articles**

**2 articles**

The effects of microplastics on aquatic organisms and their effects on organisms. [View articles](#)

**2 articles**

A review of microplastics pollution in the Arctic. [View articles](#)

**2 articles**

The effects of microplastics on the environment. [View articles](#)

**2 articles**

Microplastics in aquatic and food systems: Review article. [View articles](#)

**2 articles**

Microplastics in the Arctic. [View articles](#)

**2 articles**

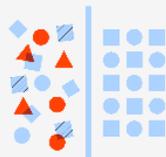
Microplastics in the Arctic. [View articles](#)

**2 articles**

Microplastics in the Arctic. [View articles](#)

\* Interface and functionality subject to change

# What is included in Emerging themes?



## Theme identification

Cluster similar ideas to understand the broader research landscape and key topics.



## Publishing trends

Examine how research clusters evolve over time, revealing growth and emerging trends.



## Hypothesis identification

Uncover research gaps and intersections to inspire innovative and impactful hypotheses.



## **NEW:** Emerging themes

A topic overview that helps you identify the research themes in your field of interest – including potential areas of opportunity; for example, those that are new or currently underserved by the literature

# What is the output of Emerging themes?

For each theme identified, Emerging themes provides:

- A** Mini descriptive **summary**
- B** Suggested research **hypotheses** for further testing
- C** **References** so you can explore the documents the summary is based upon.

**Science Diplomacy in Climate Change** Rising Theme

**A** Science diplomacy is increasingly recognized as a vital component of international climate cooperation. This theme focuses on the role of scientific research and collaboration in informing and shaping climate policy, emphasizing the importance of integrating scientific knowledge into diplomatic efforts.

[Show references](#)

Potential Hypotheses:

**B**

- Science diplomacy can bridge gaps between scientific research and policy-making, leading to more informed and effective climate action
- International scientific collaborations can enhance the global response to climate change by providing robust data and innovative solutions

**Arctic and Antarctic Climate Cooperation** Novel Theme

The emerging focus on climate cooperation in the Arctic and Antarctic regions represents a novel theme. This theme explores the unique challenges and opportunities for international collaboration in these polar regions, which are critical for understanding and mitigating global climate change impacts.

[Show references](#)

Potential Hypotheses:

- International cooperation in the Arctic and Antarctic regions can provide critical insights and solutions for global climate change mitigation
- Enhanced scientific collaboration in polar regions can lead to more effective climate policies and adaptation strategies

**Science Diplomacy in Climate Change** Rising Theme C

Rising Theme

Growing research areas identified through steadily increasing publications over the past two years.

<b>Nov 2023 - Nov 2024</b>	18 documents	<div style="width: 100%; height: 10px; background-color: #0070c0;"></div>
<b>Nov 2022 - Nov 2023</b>	9 documents	<div style="width: 50%; height: 10px; background-color: #0070c0;"></div>

---

0 citations

**BRIDGING SCIENCE AND DIPLOMACY TO BUILD A UNIVERSAL AGREEMENT ON THE SCIENCE OF CLIMATE CHANGE: The Intergovernmental Panel on Climate Change** ↗

De Pryck, K. ↗

*The Routledge Handbook of Collective Intelligence for Democracy and Governance* ↗

2023

[Show abstract](#) ▾

---

0 citations

**IPCC** ↗

Lynn, J. ↗

*Handbook of the Anthropocene: Humans between Heritage and*

# Identifying the 'whitespace' that can push your field forward

- **Consistent theme:** Similar level of coverage over the two 12-month periods.
- **Rising theme:** While coverage is similar, the area appears to be growing.
- **Novel theme:** Coverage is relatively low, i.e., this is a new theme, or it is underserved by the current literature.

## Sleep Biomarkers and Cognitive Decline Consistent Theme

The relationship between sleep biomarkers and cognitive decline has been a consistent area of research. Studies have focused on identifying reliable sleep parameters that predict cognitive decline and Alzheimer's disease. This theme is significant as it can lead to early detection and intervention strategies for neurodegenerative diseases.

[Show references](#)

Potential Hypotheses:

- [Specific sleep biomarkers can predict the onset of Alzheimer's disease years before clinical symptoms appear](#)
- [Interventions targeting sleep quality can delay the progression of cognitive decline in at-risk populations](#)

## Disparities in Sleep and Cognitive Decline Rising Theme

Recent research has highlighted the disparities in sleep quality and cognitive decline among different racial and ethnic groups. This rising theme is critical for addressing health inequities and developing tailored interventions to improve sleep and cognitive health in diverse populations.

[Show references](#)

Potential Hypotheses:

- [Racial and ethnic disparities in sleep quality contribute significantly to differences in cognitive decline rates](#)
- [Culturally tailored sleep interventions can reduce cognitive decline disparities among minority populations](#)

## Sleep Deprivation and Neuroelectrophysiological Changes Novel Theme

Recent studies have explored the neuroelectrophysiological changes associated with sleep deprivation, revealing its impact on cognitive flexibility and conflict monitoring processes. This novel theme is crucial for developing a deeper understanding of the neural mechanisms affected by sleep deprivation.

[Show references](#)

Potential Hypotheses:

- [Sleep deprivation-induced neuroelectrophysiological changes are reversible with targeted cognitive therapies](#)
- [Chronic sleep deprivation leads to permanent alterations in neuroelectrophysiological patterns associated with cognitive functions](#)

# How does the Emerging themes feature work?

Vector Calculation performs two searches:

- **Year 1:** relevant abstracts published within the last 12 months
- **Year 2:** Relevant abstracts 12-month period prior to that

Selects ~300 relevant abstracts per search, clusters them by topic using vector similarity, and compares clusters to reveal a list of Emerging themes.

## Body Positivity Movements on Social Media Consistent Theme

The consistent exploration of body positivity movements on social media platforms like Instagram and TikTok indicates a growing interest in how positive body image content can mitigate the negative effects of idealized body standards. This theme suggests potential for developing strategies to promote healthier body image perceptions among teenagers.

[Show references](#)

Potential Hypotheses:

- Exposure to body-positive content on social media improves body satisfaction and reduces appearance anxiety in teenagers
- Body positivity movements on social media can serve as effective interventions for combating body dissatisfaction among adolescents

## Social Media Use and Body Image Interventions Rising Theme

The rising interest in interventions aimed at reducing social media use to improve body image and self-esteem among teenagers highlights a proactive approach to addressing the negative impacts of social media. This theme reflects a growing recognition of the need for practical solutions to mitigate the adverse effects of social media on adolescent mental health.

[Show references](#)

Potential Hypotheses:

- Reducing social media use leads to significant improvements in body image and weight esteem among adolescents
- Media literacy programs can effectively promote body satisfaction and healthy eating behaviors in teenagers

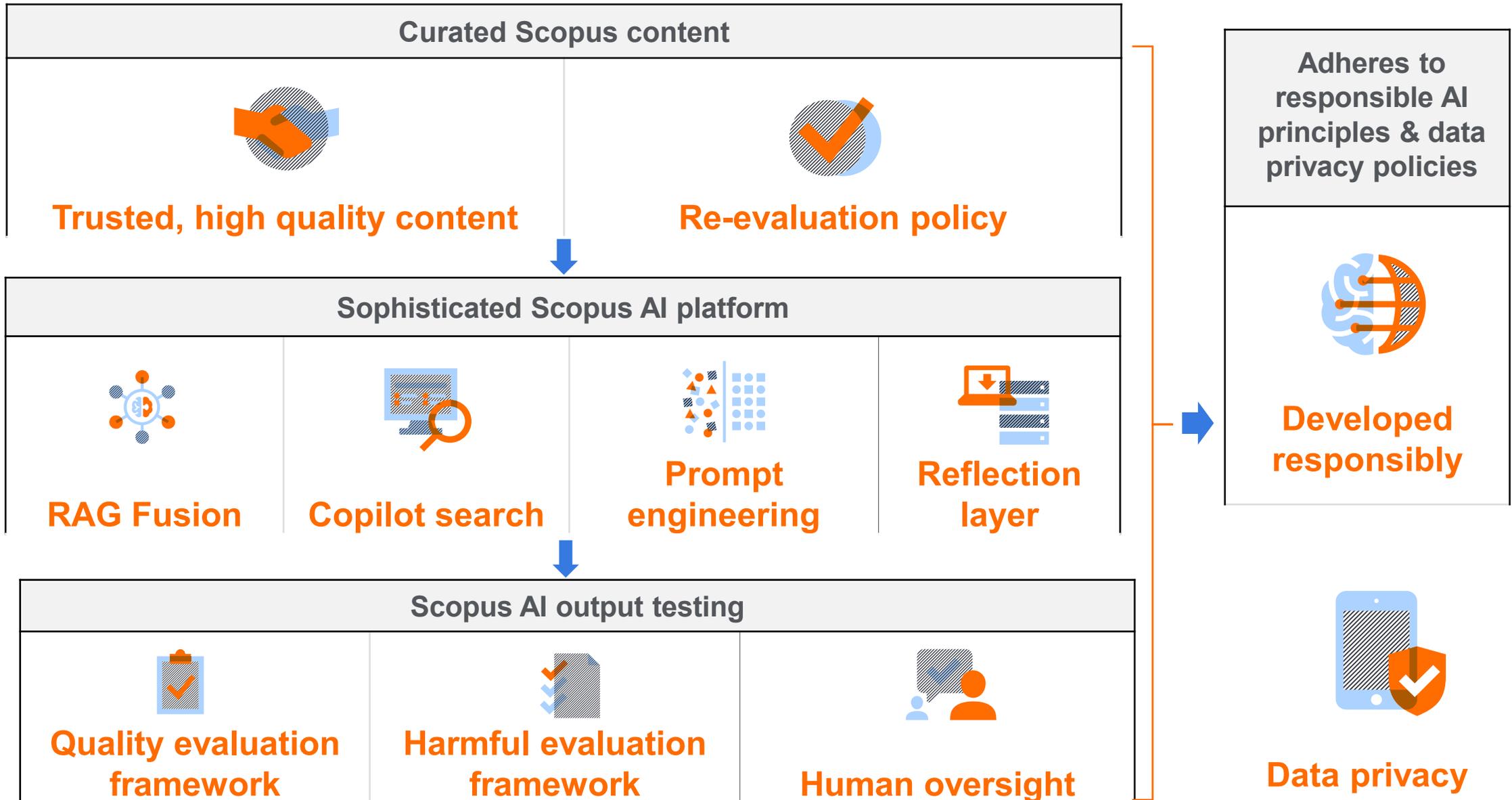
## The Role of Augmented Reality Filters In Body Image Perception Novel Theme

The novel exploration of augmented reality (AR) filters and their impact on body image perception among teenagers represents a cutting-edge area of research. This theme delves into how AR filters, commonly used on social media platforms, influence self-esteem and body satisfaction, offering new insights into the digital manipulation of self-image.

Each of the themes is assigned to one of three categories:

- **Consistent:** Theme has received a similar level of coverage over the two 12-month periods.
- **Rising:** While the level of coverage is similar, the area appears to be growing in the more recent year.
- **Novel:** Coverage of the theme is relatively low, i.e., this is a new theme, or it is underserved by the current literature. This signals potential 'whitespace' you can use to target research, funding, collaborations and more.

# How does Scopus AI ensure quality and reliability?



# Natural conversation follow-up

Enter follow-up questions so you can keep **digging deeper**.

Refocus your query to explore **new perspectives** without starting over.

Zoom in on specific areas of interest to **enhance clarity and precision** in your understanding.

## Go deeper

- How does gender influence preferred coping strategies for workplace stress?
- How does gender influence the way individuals perceive and cope with workplace stress?
- What role does gender play in how individuals seek help for workplace stress?

Ask a follow-up question

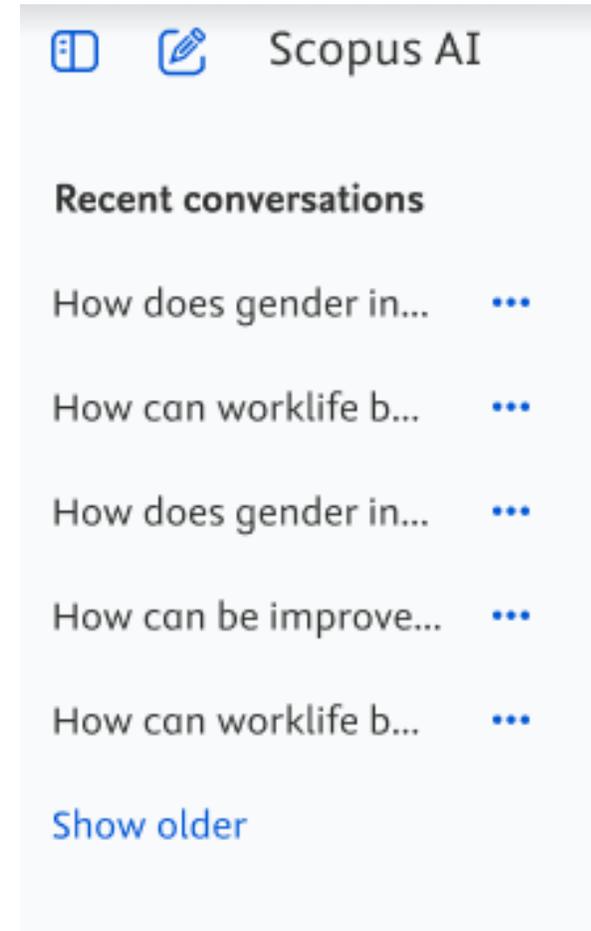


# Conversational history

Automatically saves past **conversations** so you can revisit key insights at any time.

Enables you to **resume a query** where you left off.

Provides a useful **overview of your previous topic explorations.**



# What Scopus data elements are used in Scopus AI?



*Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition* • Open Access • Volume 2022-June, Pages 15979 - 15988 • 2022 • 2022 IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2022 • New Orleans • 19 June 2022 through 24 June 2022 • Code 183275

**Document type**  
Conference Paper • Green Open Access

**Source type**  
Conference Proceedings

**ISSN**  
10636919

**ISBN**  
978-166546946-3

**DOI**  
10.1109/CVPR52688.2022.01553

[View more](#)

## Masked Autoencoders Are Scalable Vision Learners

He, Kaiming; Chen, Xinlei; Xie, Saining; Li, Yanghao; Dollar, Piotr; Girshick, Ross

[Save all to author list](#)

<sup>†</sup> Facebook AI Research (FAIR)

1326 Citations in Scopus <sup>99th percentile</sup> | 372.20 FWCI | 2 Views count | [View all metrics](#)

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**Abstract**  
This paper shows that masked autoencoders (MAE) are scalable self-supervised learners for computer vision. Our MAE approach is simple: we mask random patches of the input image and reconstruct the missing pixels. It is based on two core designs. First, we develop an asymmetric encoder-decoder architecture, with an encoder that operates only on the visible subset of patches (without mask tokens), along with a lightweight decoder that reconstructs the original image from the latent representation and mask tokens. Second, we find that masking a high proportion of the input image, e.g., 75%, yields a nontrivial and meaningful self-supervisory task. Coupling these two designs enables us to train large models efficiently and effectively: we accelerate training (by 3× or more) and improve accuracy. Our scalable approach allows for learning high-capacity models that generalize well: e.g., a vanilla ViT-Huge model achieves the best accuracy (87.8%) among methods that use only ImageNet-1K data. Transfer performance in downstream tasks outperforms supervised pretraining and shows promising scaling behavior. © 2022 IEEE.

**Author keywords**  
Representation learning; Self- & semi- & meta- & unsupervised learning

**Indexed keywords**

**Engineering controlled terms**  
Computer vision; Decoding; Image reconstruction; Learning systems

**Engineering uncontrolled terms**  
Auto encoders; Core design; Encoder-decoder architecture; Input image; Large models; Original images; Representation learning; Scalable approach; Self- & semi- & meta- & unsupervised learning; Simple++

**Engineering main heading**  
Signal encoding

Authors

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2 [Bao, H., Dong, L., Wei, F. \(2021\) BEiT: BERT pre-training of image transformers. Cited 449 times. Accessed in June 2021](#)  
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3 [Becker, S., Hinton, G.E. Self-organizing neural network that discovers surfaces in random-dot stereograms \(1992\) Nature, 355 \(6356\), pp. 161-163. Cited 287 times. doi: 10.1038/355161a0](#)  
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4 [Brown, T.B., Mann, B., Ryder, N., Subbiah, M., Kaplan, J., Dhariwal, P., Neelakantan, A., \(...\), Amodei, D. Language models are few-shot learners \(2020\) Advances in Neural Information Processing Systems, 2020-December. Cited 6963 times. https://papers.nips.cc/](#)  
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5 [Caron, M., Touvron, H., Misra, I., Jegou, H., Mairal, J., Bojanowski, P., Joulin, A. Emerging Properties in Self-Supervised Vision Transformers \(2021\) Proceedings of the IEEE International Conference on Computer Vision, pp. 9630-9640. Cited 1009 times. http://ieeexplore.ieee.org/xpl/conhome.jsp?punumber=1000149 ISBN: 978-166542812-5 doi: 10.1109/ICCV48922.2021.00951](#)  
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6 [Chen, M., Radford, A., Child, R., Wu, J., Jun, H., Luan, D., Sutskever, I. Generative pretraining from pixels \(2020\) 37th International Conference on Machine Learning, ICML 2020, PartF168147-3, pp. 1669-1681. Cited 373 times. ISBN: 978-171382112-0](#)  
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# What is included in a Scopus AI response?



## Summary

A high-level, fully referenced Summary that includes guidance on the tool's confidence in the response



## Expanded summary

An extended referenced summary that explores each query from multiple perspectives



## Go deeper questions

A series of prompts designed to help you continue exploring and learning



## Concept map

A clickable visual that uses keywords to provide a bird's-eye view of the topic space



## Foundational documents

A list of influential articles that inspired the articles cited in the summaries



## Topic experts

The top researchers in your chosen field (based on their volume of related publications)



## Emerging themes

A topic overview that helps you identify the research themes in your field of interest – including potential areas of opportunity



## Conversational Follow up

A free text field that enables you to enter follow-up questions and keep digging deeper



## Conversational History

An automated list of all your previous queries so you can resume an existing search at any time



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# The anatomy of a Deep Research report

Referenced overview  
of key findings

Theme	Key Insights	Supporting Citations
Real-Time Feedback Mechanisms	Adaptive feedback systems improve clinician-patient communication and diagnostic accuracy.	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a> <a href="#">4</a> <a href="#">5</a>
Clinician Workflow Integration	Seamless integration of AI tools enhances usability and adoption in remote diagnostics.	<a href="#">6</a> <a href="#">7</a> <a href="#">8</a> <a href="#">9</a> <a href="#">10</a>
Accessibility	Universal design principles ensure inclusivity for users with sensory and motor impairments.	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a>
User Interface	Context-adaptive interfaces reduce cognitive load and	<a href="#">1</a> <a href="#">2</a> <a href="#">3</a>

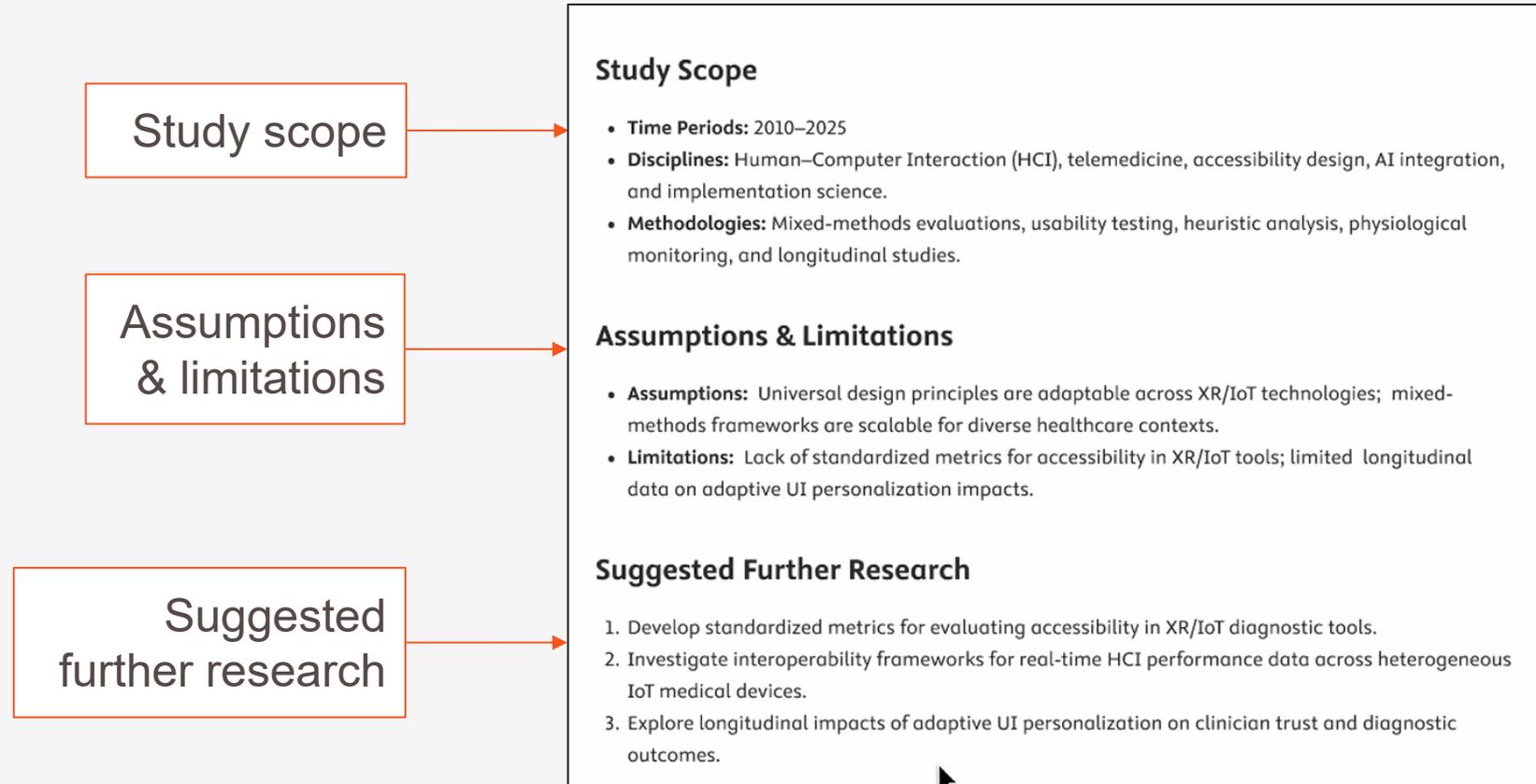
Direct answer to query

## Direct Answer

### Innovative Research Questions:

1. How can multimodal real-time feedback systems (audio, visual, haptic) be optimized to reduce clinician cognitive load while improving diagnostic accuracy in remote settings?
2. What role do physiological indicators (e.g., heart rate variability, fNIRS) play in adapting HCI interventions to support clinician performance and reduce diagnostic errors?
3. How can universal design principles be operationalized in XR/IoT-based remote diagnostic tools to ensure accessibility for users with combined sensory and motor impairments?
4. How does longitudinal use of human-centered decision support systems impact clinician trust, habit formation, and patient adherence in remote care?

# The anatomy of a Deep Research report



# The anatomy of a Deep Research report

Main body

## Introduction

### Context and Significance

Remote medical diagnostics have emerged as a cornerstone of modern healthcare, driven by advancements in telemedicine, IoT, and AI technologies. Human-Computer Interaction (HCI) plays a pivotal role in enhancing diagnostic accuracy, clinician workflows, and patient engagement. However, challenges such as cognitive overload, accessibility barriers, and workflow misalignment persist, necessitating innovative research and evaluation methodologies [1](#) [2](#) [3](#)

### Scope and Objectives

This report explores innovative research questions and user study methodologies to improve HCI in remote medical diagnostics. Key areas include interface design, real-time feedback mechanisms, accessibility, and clinician workflow integration.

## Innovative Research Questions in Human-Computer Interaction for Remote Medical Diagnostics

### Novel HCI Challenges and Opportunities in Remote Diagnostics

- **Intelligent Interaction Methods:** How can adaptive multimodal feedback systems reduce cognitive load while enhancing diagnostic precision? [14](#) [15](#) [16](#)
- **AI and IoMT Integration:** What are the best practices for embedding AI-driven decision support tools into clinician workflows? [17](#) [18](#) [19](#)
- **Emerging Technologies:** How can XR and IoT technologies be leveraged to create immersive, accessible diagnostic environments? [20](#) [21](#)

### Optimizing User Interface Design for Remote Diagnostic Systems

- **Context-Adaptive Interfaces:** How can dynamic GUIs tailored to clinical contexts improve usability and reduce errors? [22](#) [23](#)
- **Heuristic Evaluations:** What role do heuristic evaluations play in identifying critical usability issues in medical interfaces? [24](#) [25](#)

Synthesis paragraph

# The anatomy of a Deep Research report

Discussion and future research directions

## Discussion and Future Directions

### Bridging Research and Clinical Practice

Human-centered design and stakeholder engagement are critical for translating HCI research into clinical workflows. Iterative co-design processes ensure tools align with clinician and patient needs

[47](#) [48](#)

### Leveraging Emerging Technologies

AI, IoT, and XR technologies offer transformative potential for remote diagnostics. Addressing challenges in privacy, interoperability, and accessibility will unlock their full capabilities

[49](#) [50](#)

### Advancing Evaluation Methodologies

Developing robust, scalable, and context-aware user study frameworks is essential for continuous improvement of remote diagnostic systems

[51](#) [52](#)

## Conclusion

### Summary of Contributions

This report identifies innovative research questions and user study methodologies to advance HCI in remote medical diagnostics. Key areas include real-time feedback, accessibility, and workflow integration.

### Recommendations for Researchers and Practitioners

1. Prioritize universal design principles in emerging technologies.
2. Employ mixed-methods frameworks for comprehensive usability evaluations.
3. Conduct longitudinal studies to assess sustained impacts on clinician trust and patient outcomes.

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Conclusion and recommendations

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- **Identify research gaps:** Spot areas ripe for investigation and innovation
- **Identify cross-disciplinary connections:** Reveal unexpected links between fields for new approaches and collaborations



# How it works

# How Deep Research mode works

Step 1

Breaks your query down into components

Step 2

Selects the best sources and search tools to answer them

Step 3

Continues adapting and iterating as it searches

Step 4

Aggregates and synthesizes findings for the Deep Research report



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## Summary

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## Expanded summary

An extended referenced summary that uses RAG Fusion to explore each query from multiple perspectives

## Go deeper questions

A series of prompts designed to help you continue exploring and learning

## Concept map

A clickable visual that uses keywords to provide a bird's-eye view of the topic space

## Foundational documents

A list of influential articles that inspired the articles cited in the summaries

## Topic experts

The top researchers in your chosen field (based on their volume of related publications)

## Deep Research report

A multi-page analysis with insights and ideas to help you move forward – ideal for complex or open questions

## Emerging themes

A topic overview that helps you identify the research themes in your field of interest – including potential areas of opportunity

## Conversational Follow-Up

A free text field that enables you to enter follow-up questions and keep digging deeper

## Conversational history

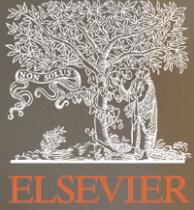
An automated list of all your previous queries so you can resume an existing search at any time

# Demonstration





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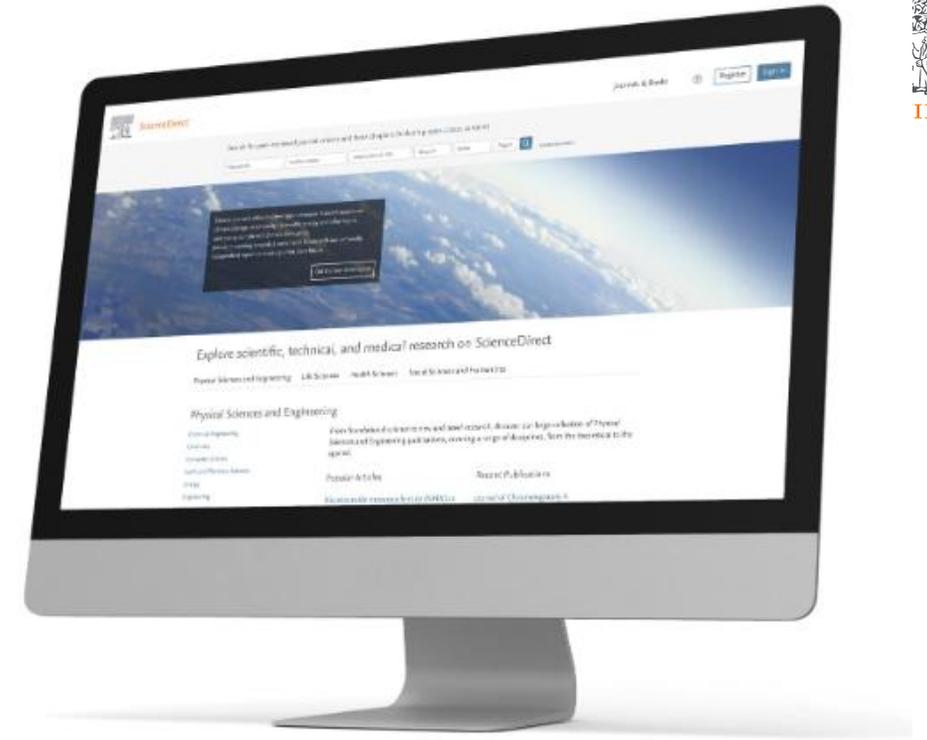
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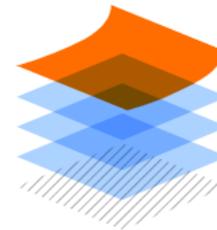
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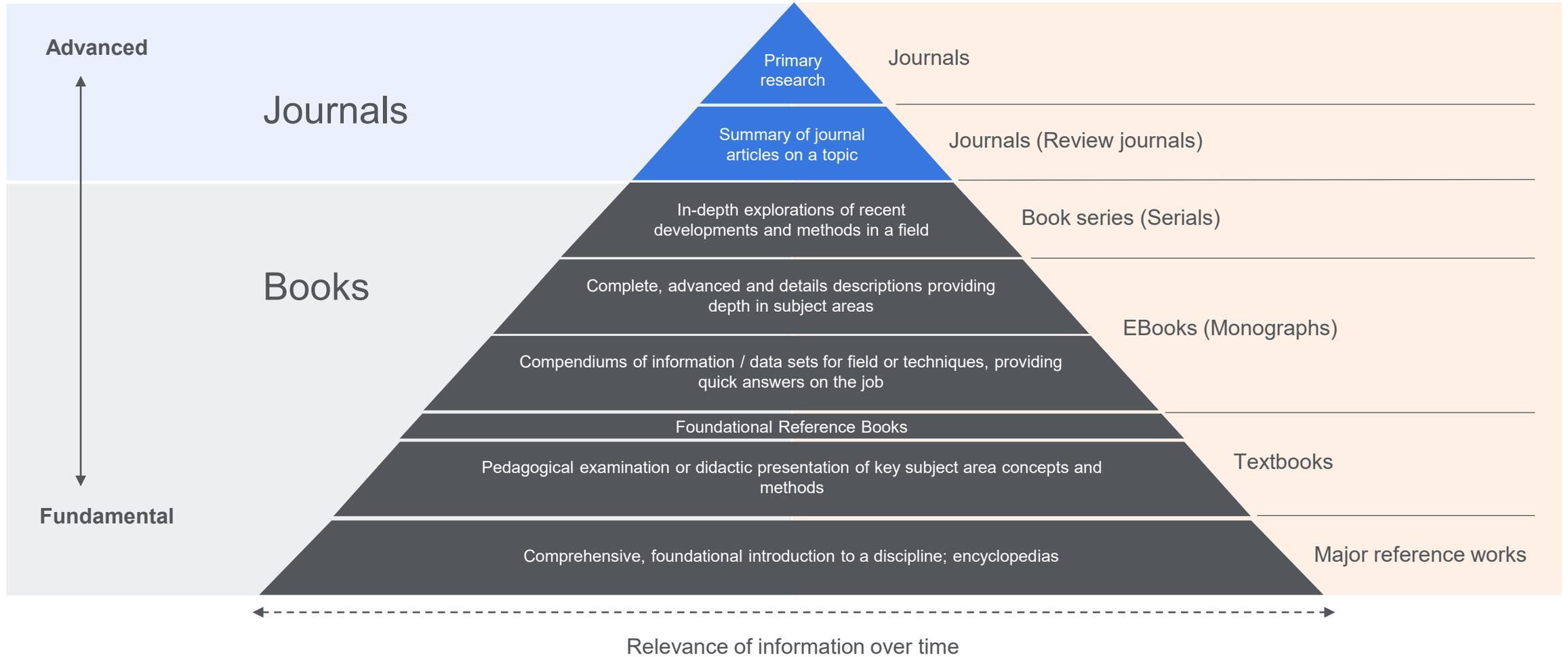


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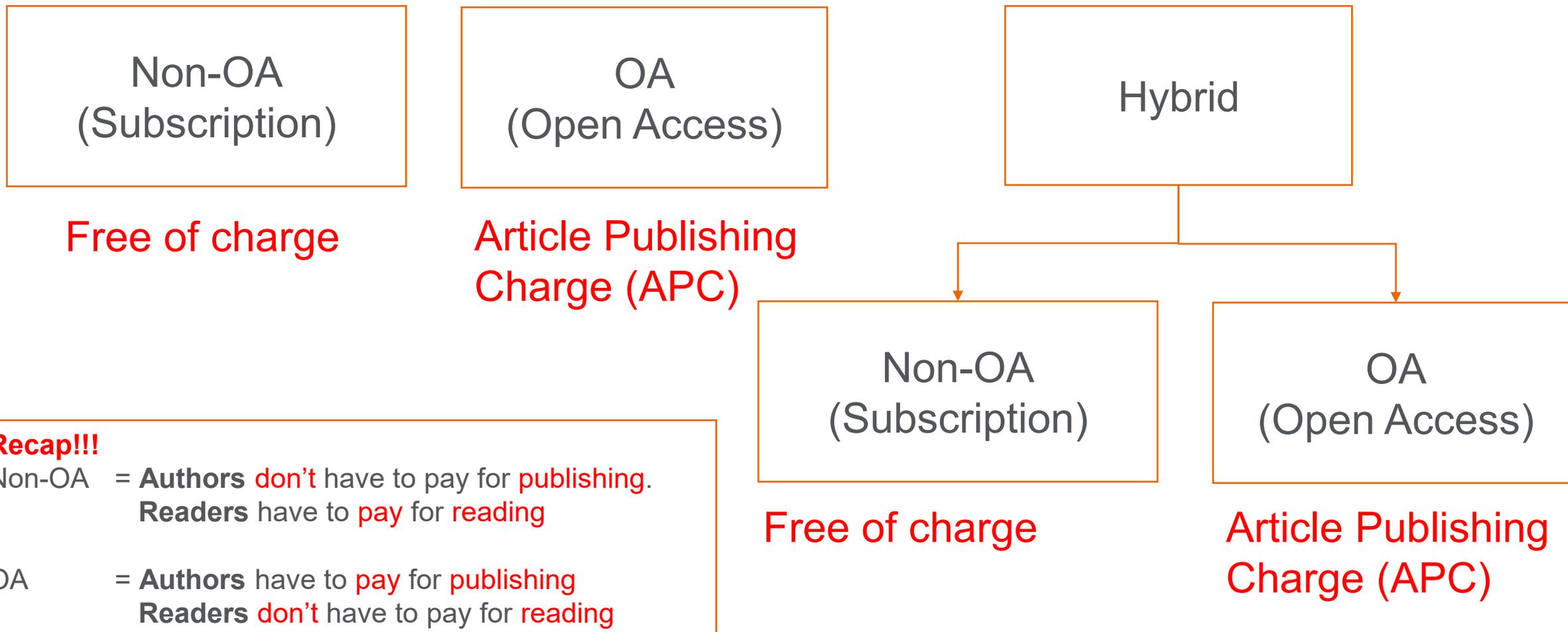
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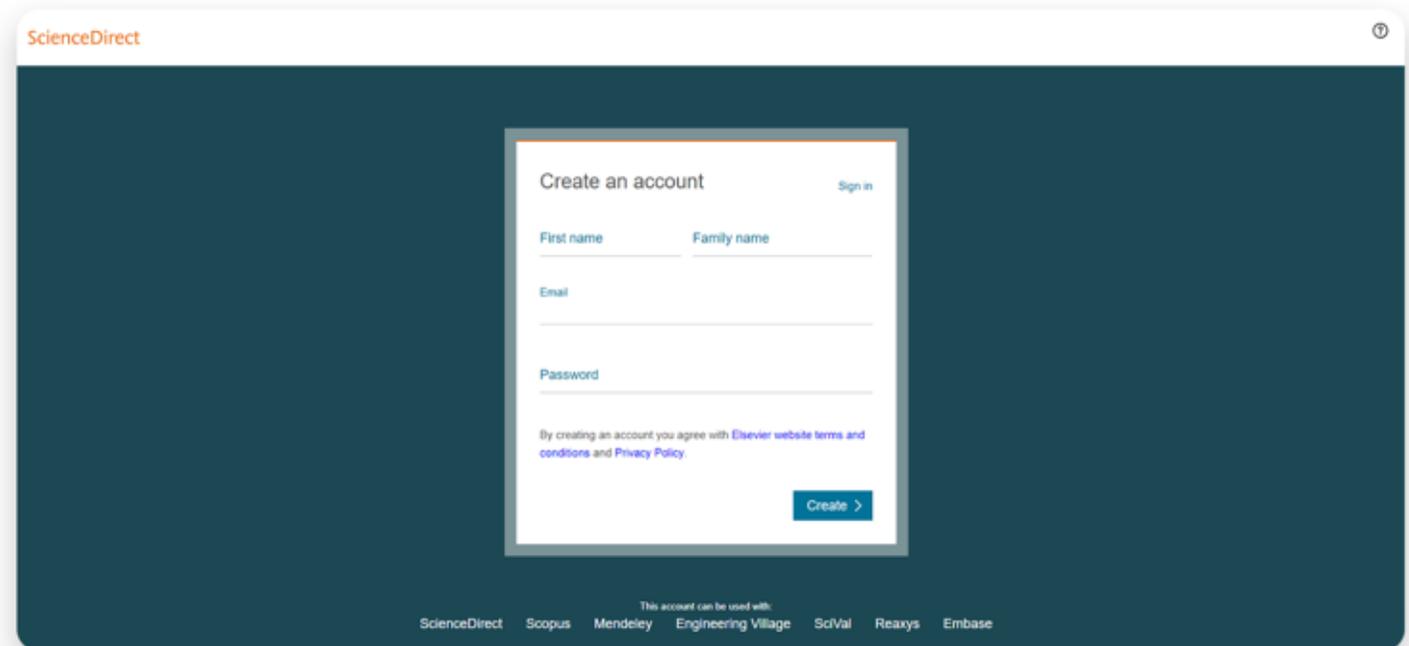


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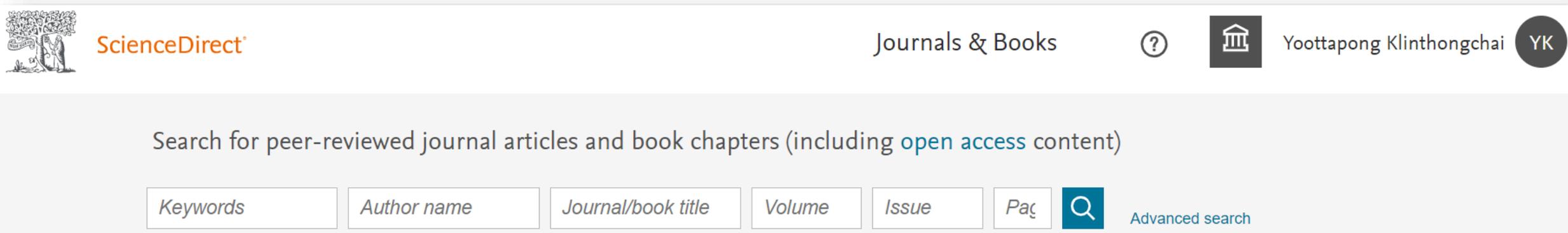
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# Research Workflow : ScienceDirect

**Outline**

Outline

- Highlights
- Abstract
- Keywords
- 1. Introduction
- 2. Methods
- 3. Results
- 4. Discussion
- 5. Conclusions
- Funding
- Acknowledgement
- References

Show full outline

Figures (2)



Tables (9)

- Table 1
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**Title and authors**

## Implementation and evaluation of the Youth Police Academy school bullying prevention program in South Korea

You-Kyung Han <sup>a</sup>, Aeri Song <sup>b</sup>, Su Jung Um <sup>b, \*</sup>

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**Highlights**

### Highlights

- Participation in a role-playing activity builds empathy for victims.
- The Youth Police Academy (YPA) program promotes anti-bullying attitudes.
- The YPA program cultivates effective strategies to cope with witnessing bullying.
- The YPA program was more effective in lowering reinforcer behaviors in females.

**Abstract**

### Abstract

This study demonstrates the effectiveness of the Youth Police Academy bullying prevention program using a sample of 1649 students. Applying a semi-experimental research design, pre-test and post-test surveys were administered to an experimental group (N = 1,027) and a control group (N = 622). The results of the study reveal that the community-based anti-bullying program targeting bystanders had a positive impact in four areas: bystander indicators, empathy towards victims, anti-bullying attitudes, and coping responses to observations of bullying. Regarding

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Conclusions

Columnar neurons from the second optic neuropil are likely the main plastic locus responsible for the modifications in animal behavior when confronted with rapidly repeated object motion. Our results demonstrate that visually guided behaviors can be determined by neural plasticity that occurs surprisingly early in the [visual pathway](#).

[Previous article in issue](#)
[Next article in issue](#)

Introduction

Motion vision provides essential cues for a wide variety of animal behaviors. It originated to fulfill two essentially distinct behavioral tasks. One task, which is based on the analysis of panoramic [optic flow](#), is to inform the animal about its own movements. The other task, which is based on the processing of focal motion cues, is to allow the animal to know about the movement of prey, predators, and conspecifics. Because animal navigation imply sustained analysis of the optic flow, the visual processing involved in this task shows little change upon repeated or continuous stimulation. In contrast, behavioral and neuronal responses to repeated object motion often show fast and profound decline. Such decline, in the form of either habituation [1] or more-complex [associative learning](#) processes [2], represents constitutive mechanisms of an animal's adaptability [2].

The arthropod neural systems that have been investigated extensively and that are used to investigate object or target visual search in the [blowfly](#) [4]; the system that contains small target

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 2 Taste-immune [associative learning](#) amplifies immunopharmacological effects and attenuates disease progression in a rat glioblastoma model  
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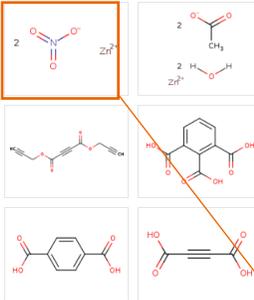
Tetrahedron  
Go to Tetrahedron on ScienceDirect | Vol. 36, 1 September 2008, Pages 8553-8557

## Room temperature synthesis of metal-organic frameworks: MOF-5, MOF-74, MOF-177, MOF-199, and IRMOF-0

David J. Tranchemontagne, Joseph R. Hunt, Omar M. Yaghi

Abstract  
Room temperature synthesis of metal-organic frameworks (MOFs) has been developed for four well-known MOFs: MOF-5, MOF-74, MOF-177, and MOF-199. A new isorecticular metal framework (IRMOF), IRMOF-0, having the same cubic topology as MOF-5, has been synthesized from acetylenedicarboxylic acid using this method to accommodate the thermal sensitivity of the linker. Despite acetylenedicarboxylate being the shortest straight linker that can be made into an IRMOF, IRMOF-0 forms a doubly interpenetrating structure, owing to the rod-like nature of the linker.

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FEEDBACK

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### zinc(II) nitrate

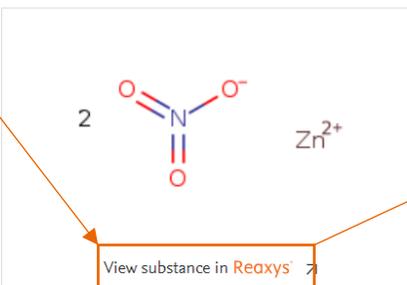
Other chemical names  
zinc nitrate  
 $Zn(NO_3)_2$   
zinc dinitrate

Molecular formula  
 $N_2O_6Zn$

Molecular weight  
189.4

CAS Registry Number  
10196-18-6

Suppliers Druglikeness Reactions



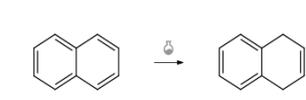
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Conditions	Yield
With sodium In diethyl ether; tert-butyl alcohol Inert atmosphere; Reflux;	97%
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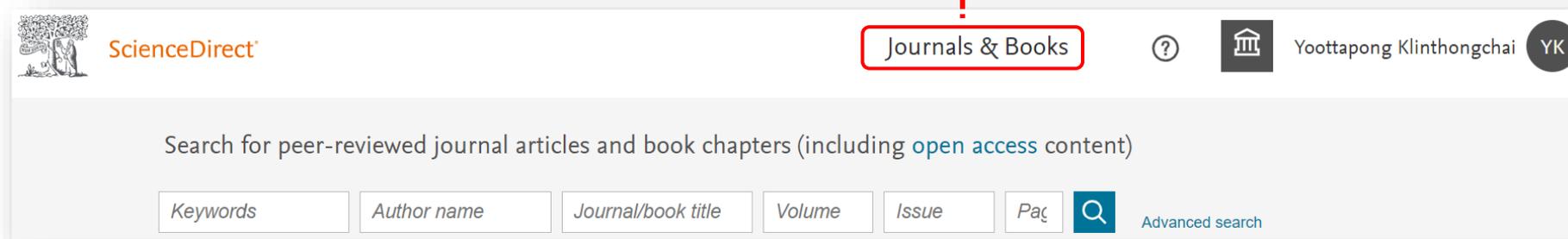
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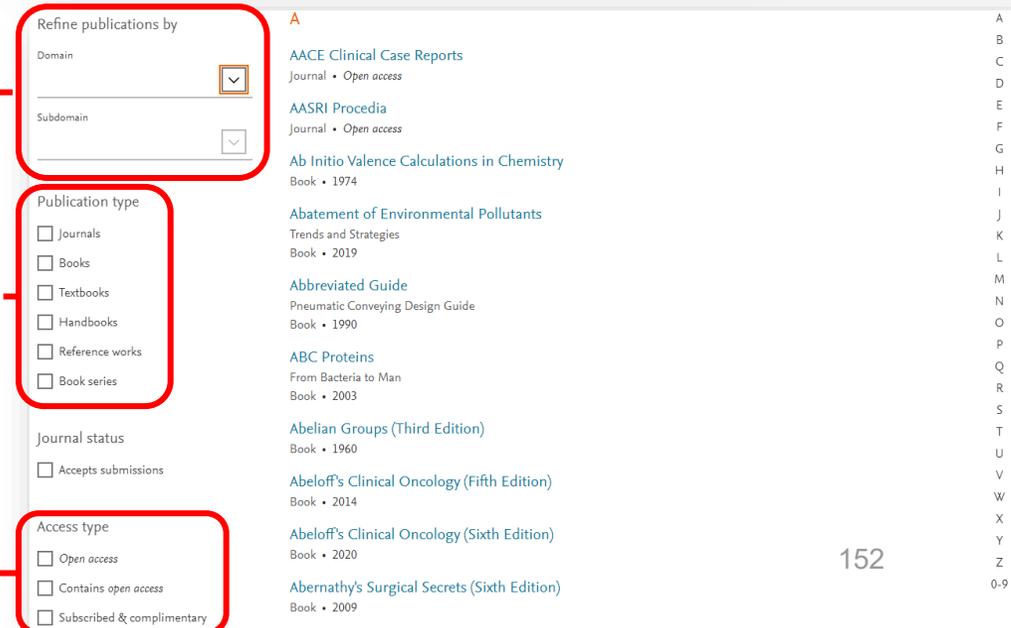
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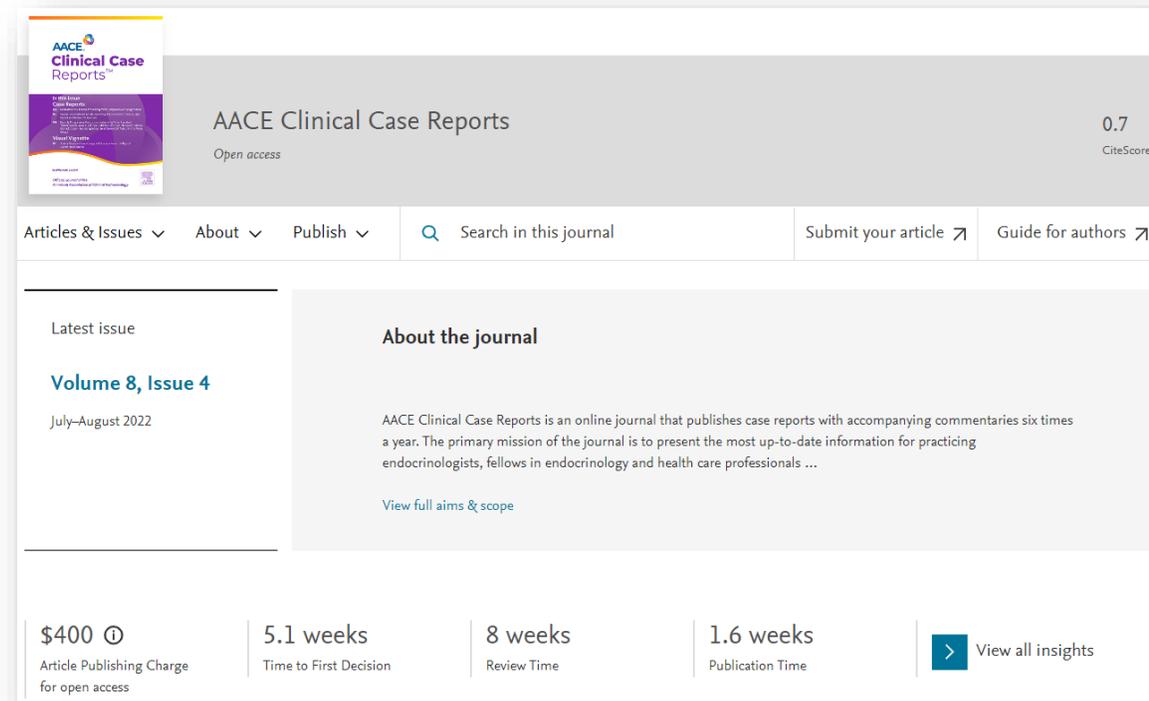
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- Improved navigation allows you to discover relevant content faster
- Access indicators help identify available content, including open access

A screenshot of the AACE Clinical Case Reports journal homepage. The page features a header with the journal title, a CiteScore of 0.7, and navigation links for "Articles & Issues", "About", "Publish", "Search in this journal", "Submit your article", and "Guide for authors". Below the header, there are two main sections: "Latest issue" (Volume 8, Issue 4, July–August 2022) and "About the journal" (describing the journal's mission). At the bottom, there are four cards showing key metrics: Article Publishing Charge for open access (\$400), Time to First Decision (5.1 weeks), Review Time (8 weeks), and Publication Time (1.6 weeks). A "View all insights" button is also present.

**AACE Clinical Case Reports** 0.7 CiteScore  
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**Latest issue**  
**Volume 8, Issue 4**  
July–August 2022

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## Improving Author Experience

- Find Key metrics and deeper insights about Journals with the new Journals Insights page.
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The screenshot shows the 'Insights' page for the journal Chemosphere. The page is divided into several sections:

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- Latest issue:** Volume 321, In progress, April 2023.
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- Key Metrics:**
  - Article Publishing Charge for open access: \$3610
  - Time to First Decision: 2.8 weeks
  - Publication Time: 0.7 weeks
- Journal Description:** 'Chemosphere is an international journal designed for the publication of original communications as articles on chemicals in the environment. Chemosphere, as a multidisciplinary journal, offers maximum dissemination of investigations related to all aspects of the identification, ...'
- Additional Metrics:**
  - Article Publishing Charge for open access: \$3610
  - Time to First Decision: 2.8 weeks
  - Publication Time: 0.7 weeks
- Footer:** Co-Editors-in-Chief, View full Editorial Board.

The screenshot shows the 'Insights' page for the journal Chemosphere, with a dropdown menu open under the 'About' tab. The dropdown menu includes the following options:

- Aims and scope
- Editorial board
- Journal insights** (highlighted with a red box)
- Abstracting & indexing
- News
- Announcements
- Conferences

The main content of the Insights page includes:

- Journal Insights:** Aims & scope, ISSN (Online ISSN: 1879-1298 | Print ISSN: 0045-6535), Subject areas (Environmental Science (General), Environmental Chemistry), Impact (CiteScore 11.7, Impact Factor 8.943), Article publishing charge (\$3610), Publishing timeline (Time to First Decision: 2.8 weeks, Publication Time: 0.7 weeks), Abstracting and indexing (PubMed/Medline, Environmental Periodicals Bibliography, Analytical Abstracts, Aqualine Abstracts, BIOSIS Citation Index, Elsevier BIOBASE, Cambridge Scientific Abstracts, Current Contents - Agriculture, Biology & Environmental Sciences, Chemical Abstracts, Embase, Pascal Francis, Science Citation Index, Web of Science, Research Alert, Scopus).

<https://www.sciencedirect.com/journal/chemosphere/about/insights>

FEEDBACK

## Book homepages offer clearer identity

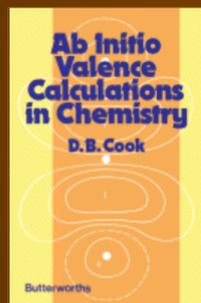
When you access books on ScienceDirect, you'll see right away that you're consulting a trusted, high-quality source. The book homepages include:

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### Ab Initio Valence Calculations in Chemistry

Book • 1974



Authors:  
D.B. COOK

↓ About the book

#### Browse this book

↓ By table of contents

#### Book description

Ab Initio Valence Calculations in Chemistry describes the theory and practice of ab initio valence calculations in chemistry and applies the ideas to a specific example, linear BeH ... [read full description](#)

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# Access ScienceDirect via topic pages, delivering free, critical and contextual information at the time of need



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Topic	Count
Agricultural and biological sciences	30,269
Biochemistry, genetics and molecular biology	27,269
Chemical engineering	1,369
Chemistry	18,941
Earth and planetary sciences	
Economics, econometrics and finance	
Engineering	
Food science	
Immunology and microbiology	

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ScienceDirect provides coverage of all areas of Economics, Econometrics and Finance including Microeconomics, Macroeconomics, International Economics, Labor Economics and Developmental Economics to help get you up to speed with new and unfamiliar concepts in your area of interest. Browse the Topics list or complete a keyword search to discover more.

Abatement Cost   Absenteeism   Academic Discipline   All

**375,000** topic pages

Covering **20** scientific disciplines

Hyperlinked from **10 million** journal articles and book chapters

Freely available, with **22 million** visits per month

A new age of discovery: Using machine learning to generate topic pages

**Taxonomy Building**  
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**Data Mining**  
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**Relevancy Ranking**  
Heuristic techniques are used to rank definitions and snippets to push the most relevant and diverse information to the top.



## Enhancing Fundamental Knowledge

- A central place from which to start the path of discovery and understanding

- **375,000+** pages across **20** subject areas, hyperlinked from **10 million** journal articles
- Over **22 million** visits per month, **2<sup>nd</sup>** most visited after article pages

# Introducing to Sciencedirect

## ScienceDirect topics expand your knowledge with foundational content

ScienceDirect Topics have become a popular feature for researchers and students looking to broaden their understanding of scholarly and technical terms. Topics are especially useful for onboarding in interdisciplinary research or just to learn or better understand a new concept.

Topics reveal succinct, selected contextual information from reference books, valuable content when and where you needed it in your natural research workflow. You can access Topics via ScienceDirect and also through search engines such as Google.

When working in ScienceDirect, simply hover over a highlighted word in the article you're reading. Via hyperlink, you can immediately go to a page with authoritative and foundational content for that term.

system processes as we have done over the past century. Understanding the relationship between molecular structure and function is a core outcome for learning and applying chemistry in curriculum mapping frameworks such as the ACS Anchoring Concepts Content Maps for general and inorganic chemistry [33].

### Inorganic Chemistry

In inorganic chemistry, mass spectrometry is most often used to determine the molar mass of compounds.

From: *Environmental Inorganic Chemistry for Engineers*, 2017

#### Related terms:

Solute, Ligand, Metal Ion, Cation, Inorganic Substance, Ion, Nomenclature, Non-Metal, Rock Glacier

[View all Topics >](#)

[+ Add to Mendeley](#) [Download as PDF](#) [Set alert](#)

[About this page](#)

### Inorganic Chemistry

DR, James G. Speight, in *Environmental Inorganic Chemistry for Engineers*, 2017

#### 2.1 Introduction

If organic chemistry is defined as the chemistry of hydrocarbon compounds and their derivatives, *inorganic chemistry* can be described very generally as the chemistry of noncarbon compounds or as the chemistry of *everything else*. This includes all the remaining elements in the periodic table (Figs. 2.1 and 2.2) and some compounds of carbon (such as *carbon monoxide* (CO) and *carbon dioxide* (CO<sub>2</sub>)).

### Groundwater Chemistry

Charles R. Fitts, in *Groundwater Science (Second Edition)*, 2013

#### 10.4.3 Presenting Inorganic Data Graphically

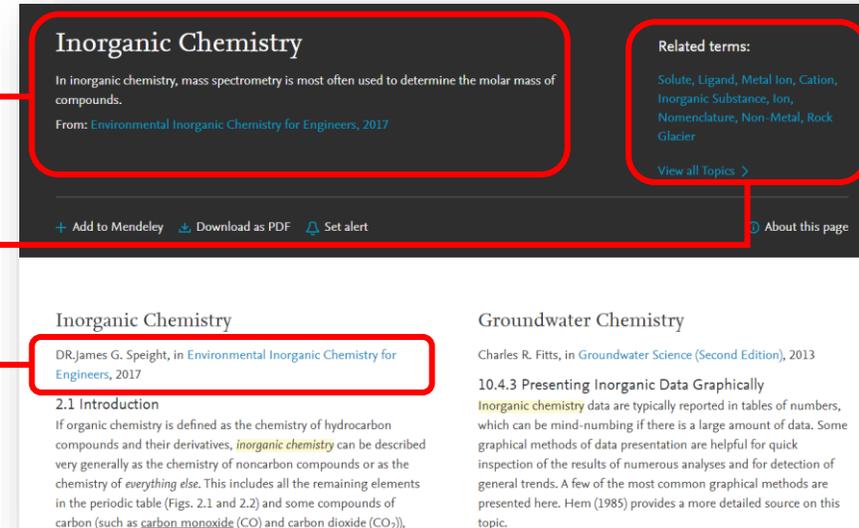
Inorganic chemistry data are typically reported in tables of numbers, which can be mind-numbing if there is a large amount of data. Some graphical methods of data presentation are helpful for quick inspection of the results of numerous analyses and for detection of general trends. A few of the most common graphical methods are presented here. Hem (1985) provides a more detailed source on this topic.

# Introducing to Sciencedirect

## ScienceDirect topics expand your knowledge with foundational content

You'll see

- A short definition
- Related terms
- Excerpts from relevant book content



The screenshot shows a ScienceDirect topic page for 'Inorganic Chemistry'. Red boxes highlight the following elements:

- Definition:** A short definition: "In inorganic chemistry, mass spectrometry is most often used to determine the molar mass of compounds." and the source: "From: *Environmental Inorganic Chemistry for Engineers*, 2017".
- Related terms:** A list of related terms: "Solute, Ligand, Metal Ion, Cation, Inorganic Substance, Ion, Nomenclature, Non-Metal, Rock Glacier".
- Navigation:** Buttons for "+ Add to Mendeley", "Download as PDF", and "Set alert".
- Chapter Excerpt:** A box around the chapter title "Inorganic Chemistry" and its author "DR James G. Speight, in *Environmental Inorganic Chemistry for Engineers*, 2017".

You have the option to dig deeper by clicking to read an entire chapter.

If you're using Google or another search engine to get more information about a term, just enter the term and ScienceDirect, and it comes up. With enhanced taxonomy across all 20 Topic domains, Topic pages are available for many disciplines including:

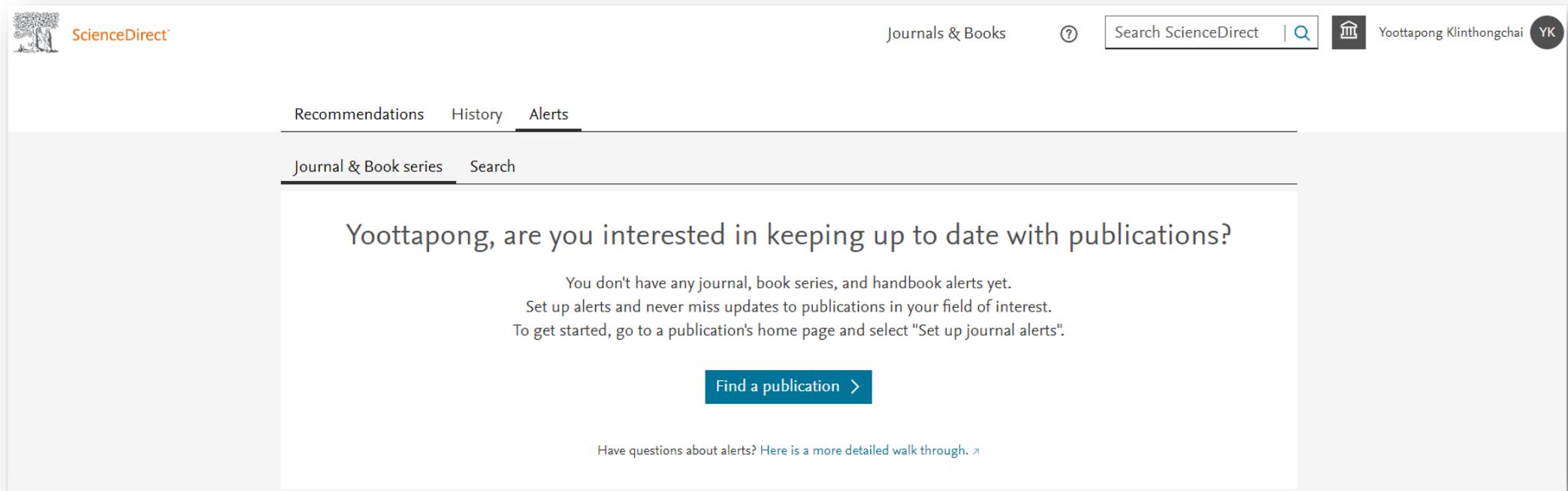
- |                        |                                       |   |
|------------------------|---------------------------------------|---|
| • Neuroscience         | • Computer Science                    | • Food Science                                |
| • Biomedical Sciences  | • Engineering                         | • Materials Science and Materials Engineering |
| • Life Sciences        | • Mathematics                         | • Earth and Environmental Sciences            |
| • Chemistry            | • Physics and Astronomy               | • Psychology                                  |
| • Chemical Engineering | • Economics, Econometrics and Finance | • Social Sciences                             |

# Introducing to Sciencedirect

## Schedule alerts about new relevant research

Unlike Recommendations, Alerts let you know about only new research that meets your criteria.

Once you've either searched in ScienceDirect or browsed publications, you can choose to sign up for alerts. Go to 'My alerts', then click on either 'Journal & Book series', 'Search' or both. You can select a publication or carry out a search to set the alerts you want.



The screenshot shows the ScienceDirect website interface. At the top left is the ScienceDirect logo. To the right of the logo are navigation links for 'Journals & Books', a help icon, a search bar containing 'Search ScienceDirect', and a user profile icon for 'Yoottapong Klinthongchai' with the initials 'YK'. Below the navigation bar are three tabs: 'Recommendations', 'History', and 'Alerts'. Under the 'Alerts' tab, there are two sub-tabs: 'Journal & Book series' and 'Search'. The main content area displays a personalized message: 'Yoottapong, are you interested in keeping up to date with publications?'. Below this message, it states: 'You don't have any journal, book series, and handbook alerts yet. Set up alerts and never miss updates to publications in your field of interest. To get started, go to a publication's home page and select "Set up journal alerts".' A blue button labeled 'Find a publication >' is centered below the text. At the bottom of the message box, there is a link: 'Have questions about alerts? Here is a more detailed walk through. >'

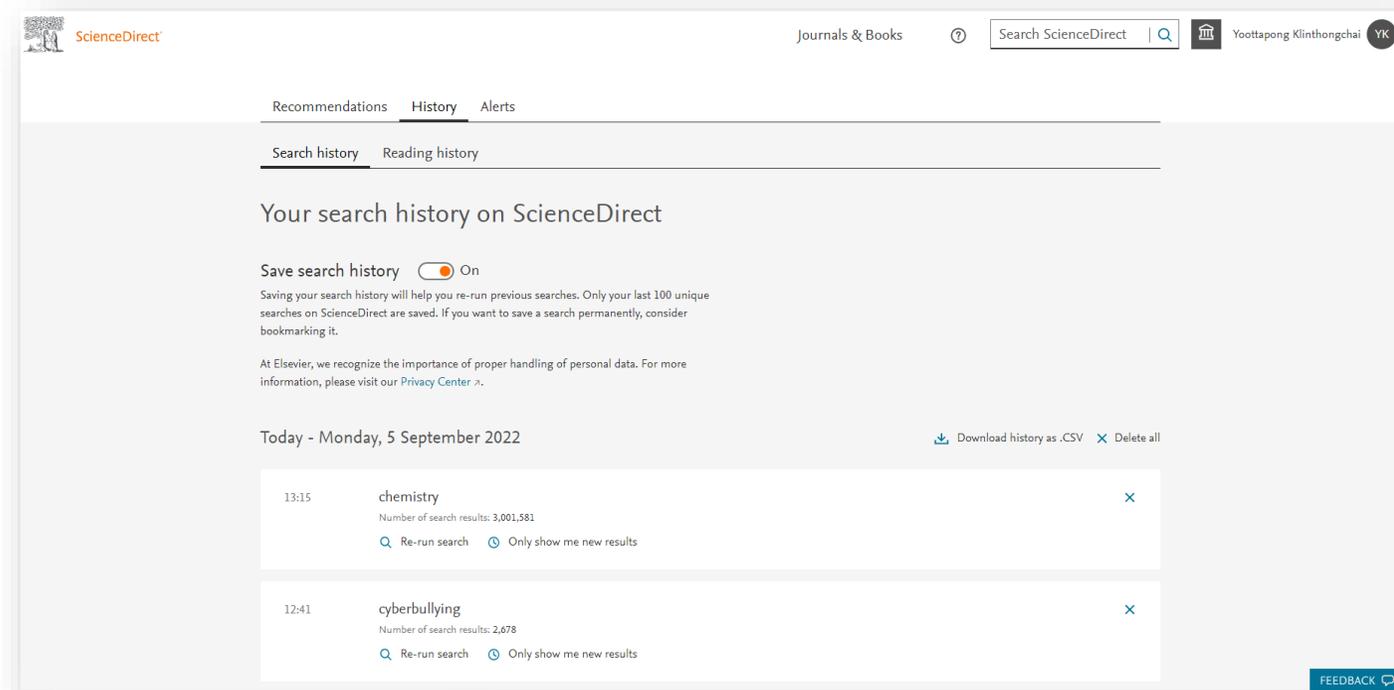
# Introducing to Sciencedirect

## Easier tracking of your reading history

When signed in, Reading History helps you keep track of what you have been reading

The 100 most recent articles you have viewed will be saved.

You can then review, save and delete items from your ScienceDirect Reading History or download the full list of entries.



The screenshot shows the ScienceDirect user interface. At the top, there is a navigation bar with the ScienceDirect logo, a search bar, and a user profile for 'Yootapong Klinthongchai'. Below the navigation bar, there are tabs for 'Recommendations', 'History', and 'Alerts'. Under the 'History' tab, there are sub-tabs for 'Search history' and 'Reading history'. The main content area is titled 'Your search history on ScienceDirect'. It features a toggle switch for 'Save search history' which is currently turned 'On'. Below this, there is a section for 'Today - Monday, 5 September 2022' with options to 'Download history as .CSV' and 'Delete all'. The search history is displayed as a list of entries:

Time	Search Term	Number of search results	Actions
13:15	chemistry	3,001,581	Re-run search, Only show me new results
12:41	cyberbullying	2,678	Re-run search, Only show me new results

# Introducing to Sciencedirect

## Quickly export your book chapters from ScienceDirect into Mendeley

Many of you also use Mendeley, our free reference manager and an academic social network, seamlessly embedded in ScienceDirect. Knowing that importing PDFs and references from the web is an important part of many researchers' workflow, you can directly export articles from ScienceDirect into your Mendeley library

Once you've been authenticated on ScienceDirect, the Mendeley Importer will recognize that you have the right to access full-text PDFs and download them directly to your Mendeley Library with just one click.



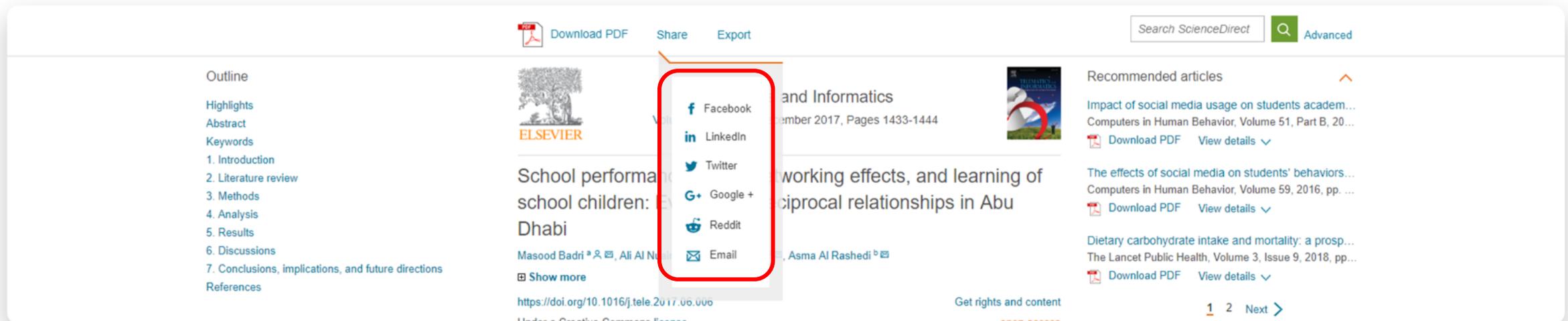
The screenshot shows the ScienceDirect interface for an article. The article title is "Postoperative Mycobacterium abscessus endophthalmitis: Clinical and proposed therapeutic algorithm". The authors listed are Jia-Horung Hung, Wen-Chien Ko, Chau-Yin Chen, Sheng-Hsiang Lin, Cheng-Lin Wu, and Sheng-Min. The "Export" menu is open, showing options: "Save to Mendeley" (highlighted with a red arrow), "Save to Refworks", "Export citation to RIS", "Export citation to BibTeX", and "Export citation to text". The "Download PDF" button is also visible. The page includes a search bar, a navigation menu on the left, and a "Recommended articles" section on the right.

# Introducing to Sciencedirect

## Share articles with your colleagues with just a click

Social Sharing allows you to easily share articles right from ScienceDirect via your Facebook, LinkedIn, Twitter, Reddit, or email account.

Just click on the appropriate icon and post what you wish to share. This will allow you to receive feedback on findings and publications more quickly from your collaborators, peers and students, increasing your efficiency during already busy workdays.



The screenshot displays the ScienceDirect interface for an article. At the top, there are buttons for 'Download PDF', 'Share', and 'Export'. A search bar with 'Search ScienceDirect' and an 'Advanced' search icon is also visible. The article title is 'School performance and learning of reciprocal relationships in Abu Dhabi', and the authors are 'Masood Badri, Ali Al Naimi, and Asma Al Rashedi'. A red box highlights the social sharing options: Facebook, LinkedIn, Twitter, Google+, Reddit, and Email. The article is from 'Computers in Human Behavior, Volume 51, Part B, 2017, Pages 1433-1444'. On the right, there is a 'Recommended articles' section with three article previews, each with a 'Download PDF' and 'View details' link. The page number '1' and a 'Next' button are at the bottom right.

# Partnering for faster research discovery and access



Users tell us that:

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Researchers are now able to search and browse more than 100,000 articles in Organic Chemistry and Transportation from these participating publishers, alongside Elsevier's content on ScienceDirect.

**Readers** gain a more comprehensive discovery and have fewer steps between discovery and delivery

**Authors** benefit from having an increased reach of their published work

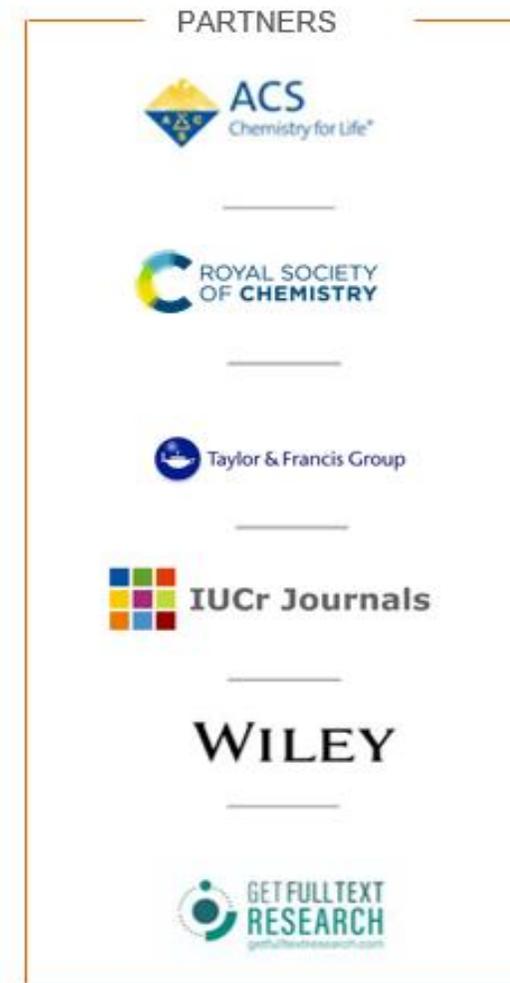
**Librarians** maximize their investments by providing entitled content for users in more places

**150,000 articles** from other publishers are available on ScienceDirect



## Uncover valuable insights

- Save users time by enabling them to discover relevant multi-publisher content on ScienceDirect
- Help users stay up-to-date and minimize the risk of missing out on essential articles in their research area.



**Access the journals here**

**90%** of researchers think the pilot is a good idea  
(n=3,783 ScienceDirect users)

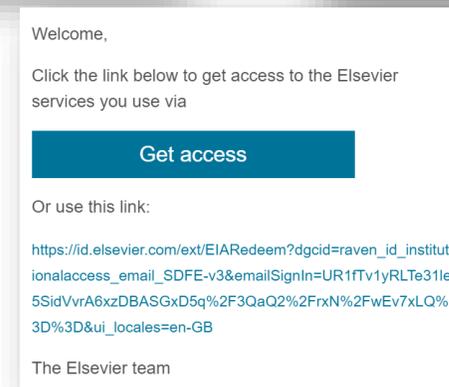
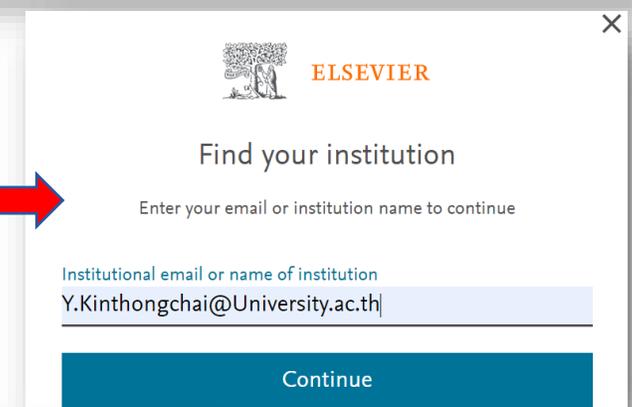
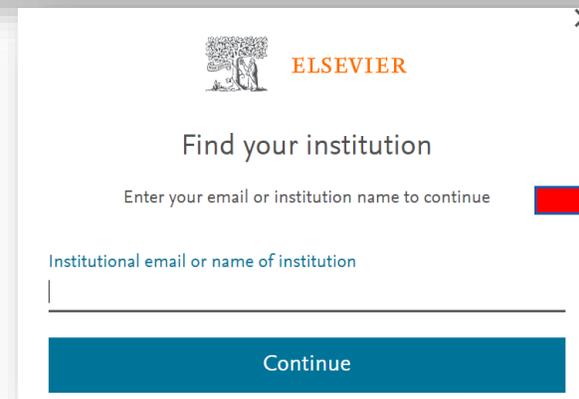
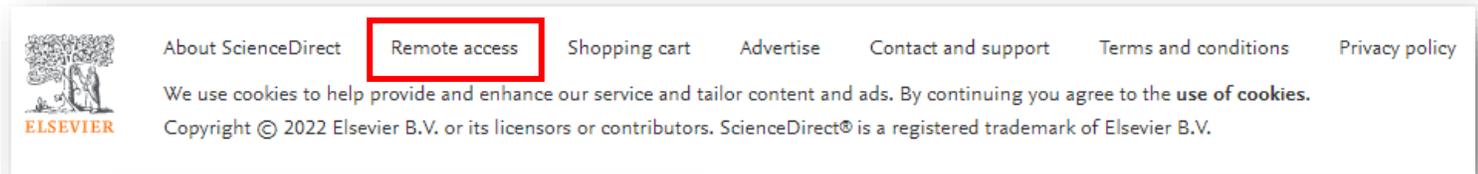
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- Subdomain  
Catalysis
- All subdomains
- Bioengineering
  - Catalysis
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  - Chemical Health and Safety
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  - Filtration and Separation
  - Fluid Flow and Transfer Processes
  - Process Chemistry and Technology

Domain

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- All domains
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    - Chemical Engineering
    - Chemistry
    - Computer Science
    - Earth and Planetary Sciences
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    - Engineering
    - Materials Science
    - Mathematics
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2



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Filter by keyword

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Guest editors: Karen Søgaard, Gisela Sjøgaard. Submission deadline: 1 December 2022  
Applied Ergonomics • Impact Factor 3.94 • CiteScore 6.8

Coordination Chemistry in the Americas  
Guest editors: Simon Humphrey, Kristin Bowman-James, Angela Danil de Namor. Submission deadline: 31 December 2022  
Coordination Chemistry Reviews • Impact Factor 24.833 • CiteScore 31.5

MILD combustion in the energy transition  
Guest editors: Alessandro Parente, Mara De Jaannon, Jianchun Mi, Giancarlo Sorrentino. Submission deadline: 1 April 2023  
Applications in Energy and Combustion Science

Proceedings of 6th Asia-Pacific Conference on Luminescence and Electron Spin Resonance Dating (APLED 2022)  
Guest editors: Eren Şahiner, Georgios S. Polymeris, M. Korhan Erturap, Constantin Athanassas, Mathieu Duval, Gaye Ö. Çakal. Submission deadline: 15 January 2023  
Radiation Physics and Chemistry • Impact Factor 2.776 • CiteScore 4.5

Detail of each Special issue as  
1.Domain: Subject area  
2.Subdomain: Sub-subject area

# Special Issue in Beta Search function

Journal name **Applied Catalysis B: Environmental** 4  
Supports open access

Journal Metrics  
34 CiteScore | 24.319 Impact Factor

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- 5**
- Author Invitation Date
  - Date the first submission
  - Manuscript Submission Deadline
  - Editorial Acceptance Deadline

- Special issue detail
- > Aims and scope
  - > Editorial board
  - > Abstracting & indexing
  - > News
  - > Featured Articles
  - > Volunteer to Review
  - > Forthcoming Special Issues

## Forthcoming Special Issues

Special issue topic/Date

29 August 2022

Catalytic Upcycling of Waste Plastics

Special issue detail

Rationale for a Themed Collection in Applied Catalysis B: Catalytic conversion and upcycling of polymers is a fast-expanding field of catalysis research that is poised to play a critical role in the environmental abatement of disposed waste plastics and the decarbonization of the chemical industry by keeping carbon in a circular economy. Every day scientists expand our knowledge of the catalytic chemistry of polymer deconstruction in both breadth and depth. This research area is a vibrant and dynamic field of catalysis with innovations typically scattered among high-impact chemistry, catalysis, polymers, and broad audience journals. As a result, the number of publications on plastic upcycling has increased exponentially since 2018. Hence, a Themed Collection in Applied Catalysis B on plastic upcycling will bring the community together and share the latest achievements on the catalytic transformation of discarded polymers following relatively mature technologies and radically new approaches.

Scope of the Themed Collection: The Themed Collection would welcome original research and perspective review articles focusing on recent fundamental and applied advances in catalytic conversion of polymers and/or waste-derived feedstocks. Possible topics include but are not limited to:

### Manuscript submission information:

Submissions are made at: <https://www.sciencedirect.com/journal/applied-catalysis-b-environmental>

When submitting, please select “VSI:Plastic Upcycling” when you reach the “Issue – Select Issue Type” step at the start of the submission process. To ensure high-quality contributions, all articles will be subject to the usual peer-review process of *Applied Catalysis B: Environmental*.

We look forward to your paper submission.

### Timeline:

- Author Invitation Date: September 9, 2022
- Date the first submission is expected: December 9, 2022
- Manuscript Submission Deadline: March 9, 2023
- Editorial Acceptance Deadline: June 9, 2023

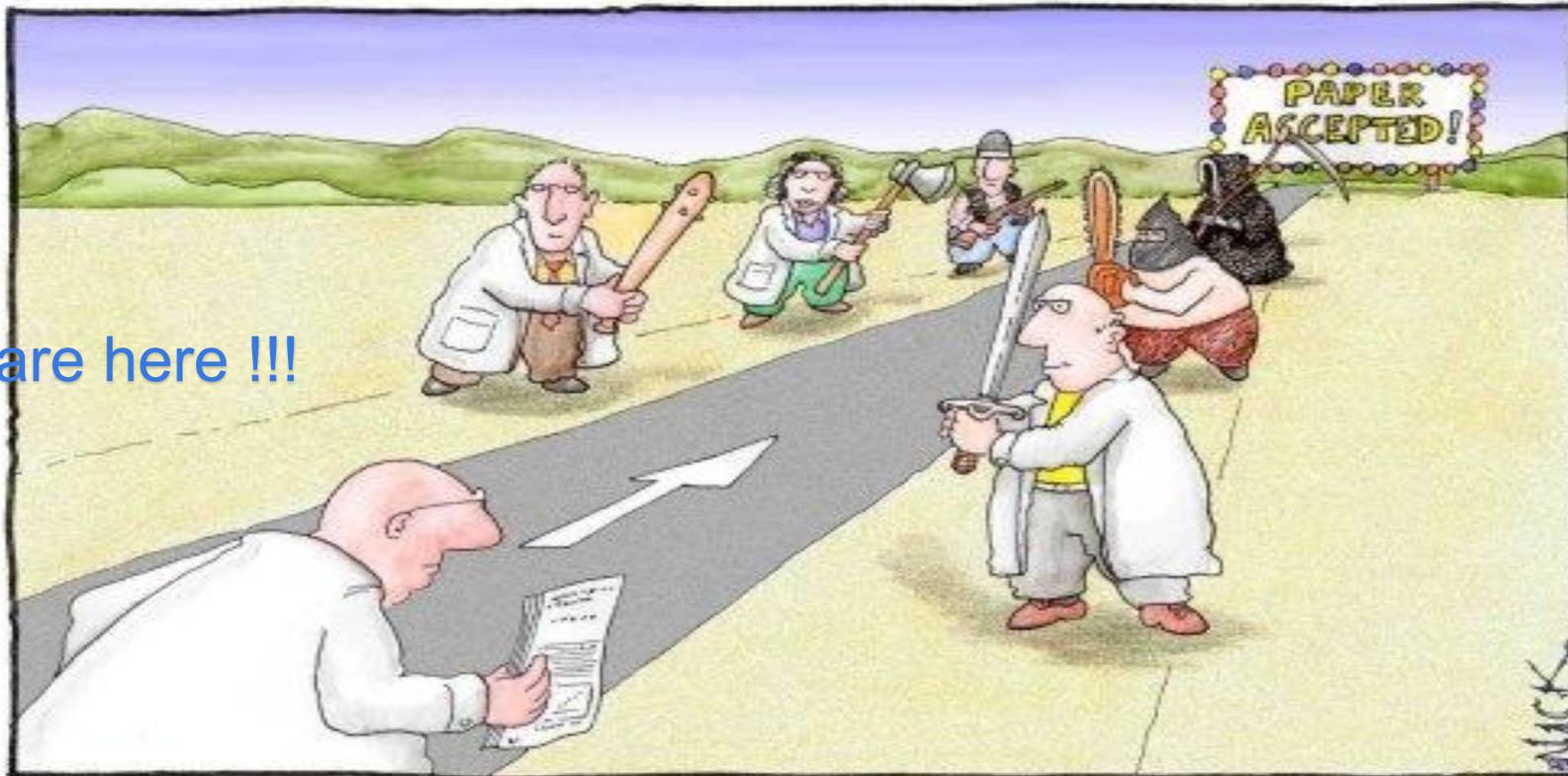
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29 August 2022  
Catalytic Upcycling of Waste Plastics

# The war has begun !!! (Knowledgeable War)

You are here !!!



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

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Review time

68 days  
Submission to acceptance

70 days  
Submission to acceptance

81 days  
Submission to acceptance

4 days  
Acceptance to publication

6 days  
Acceptance to publication

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Acceptance Rate

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ISSN

Online ISSN: 1873-3891  
Print ISSN: 0008-6223

Online ISSN: 1873-3093  
Print ISSN: 1387-1811

Online ISSN: 2468-5194

Subject areas

Biomaterials, Materials Chemistry, Energy (General), Nanotechnology

Catalysis, Nanotechnology

Biomaterials, Materials Chemistry, Polymers and Plastics, Nanotechnology

Aims and scope

The journal Carbon is an international multidisciplinary forum for **communicating scientific advances in the field of carbon materials**, including **low-dimensional carbon-based nanostructures**. The ...

[View full aims & scope ↗](#)

The Official Journal of the International Zeolite Association

*Microporous and Mesoporous Materials* covers novel and significant aspects of **porous solids** classified as either **microporous** (pore size ...

[View full aims & scope ↗](#)

*Materials Today Chemistry* is a multi-disciplinary journal focused on all aspects of materials chemistry.

Materials chemistry is one of the fastest developing areas of science, covering the ...

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Abstracting and indexing

- Elsevier BIOBASE
- Chemical Abstracts
- Current Contents
- Engineering Index
- Monthly & Author Index
- Materials Science Citation Index
- Pascal Francis
- Scopus
- INSPEC

- Science Citation Index Expanded
- Inorganic Crystal Structure Database
- Chemical Abstracts
- Current Contents - Physical, Chemical & Earth Sciences
- Scopus
- INSPEC

- Scopus
- Emerging Sources Citation Index (ESCI)
- INSPEC

# Geographical Pricing for Open Access (GPOA) Pilot details

Elsevier is piloting a program from January 2024 to set APC prices for 143 gold open access journals according to the income level of the country of the corresponding author.

- For these pilot journals we will waive the APC for corresponding authors who are based in low-income countries as classified by the World Bank as of July 2023.
- For articles whose corresponding authors are based in lower-middle-countries the geo-price will be 20 percent of the APC global list price.
- Corresponding authors based in upper-middle-income countries and where R&D intensity (domestic expenditure on R&D expressed as a percentage of GDP according to OECD) is below two percent are defined in three different groups based on GNI per capita and will see a different APC geo-price based on the GNI per capita of the country ranging from 45 percent to 90 percent of the APC list price.
- [List of journals included in Elsevier's geographical pricing for open access pilot](#)

Upper-middle income 1 (45% of APC to be paid)		
Albania	Gabon	North Macedonia
Armenia	Georgia	Paraguay
Azerbaijan	Guatemala	Peru
Belarus	Indonesia	South Africa
Belize	Iraq	Suriname
Botswana	Jamaica	Thailand

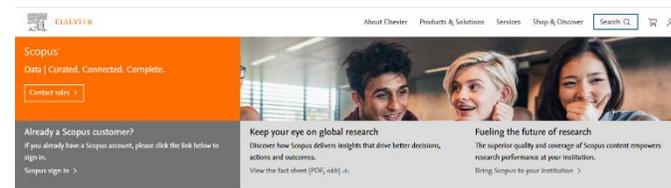
Authors under Thailand can pay the 45 % of APC with 55% discount from 143 journals under Elsevier's lists



Scopus Help & Resource

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**Scopus info site:**  
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# Other Research Tools

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Elsevier Journal Finder helps is a free resource which allows researchers to find journals that could be best suited for publishing your scientific article.

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Time to publication

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**Environmental Impact Assessment Review**

OA  S ISSN: 0195-9255 • Indexed by Chinese Academy of Sciences (中科院期刊分区)

Text match score

Top matching keywords

Air Pollution

CiteScore: 7.6

Impact Factor: 6.122

Acceptance rate: 12%

Time to 1st decision: 3 weeks

Time to publication: 2 weeks

3 Citescore, IF, acceptance rate, time to 1st decision, and time to publication

4 Click to see detail

**Ecological Economics**

OA  S ISSN: 0921-8009 • Indexed by Chinese Academy of Sciences (中科院期刊分区)

Text match score

Top matching keywords

Air Pollution

Subject area: Ecology, Management, Monitoring, Policy and Law, Geography, Planning and Development

Recent articles: A conceptual framework for the assessment and monitoring of environmental impacts of agriculture, Can the opening of urban rail transit improve urban air quality? Evidence from 94 lines in China, Freshwater blue space design and human health: A conceptual research merging landscape science and ecometric analysis

Journal scope: --Part one: aims and scope--  
Environmental Impact Assessment Review (EIA Review) is a refereed, interdisciplinary journal serving a global audience of practitioners, policy makers, regulators, academics and others with an interest in the field of impact assessment (IA) and management. Impact assessment is defined by the International Association for Impact Assessment (iaia.org) as the process of identifying the future consequences of a current or proposed action, for EIA Review, the field of IA can be related to as the assessment of impacts on or of the environment (including, for example, EIA and SEA), social (SIA), health (HIA), risk (RIA), human rights, equity, language, technology, products, etc. With current or proposed actions, the EIA Review audience assesses how best to evaluate the impacts of policies, projects, processes and products, and how best to make decisions and undertake management activities.  
The focus of EIA Review is on innovative theory and practice that encompasses any of the above mentioned impacts and activities. In other words, EIA Review covers the following topics (the list is not exhaustive):  
• Development of IA theory and concepts;  
• IA legislation, procedure and practice;  
• IA Governance;  
• IA Methods, for example, forecasting, indicators, systems-based approaches, ecosystem services assessment, cost benefit analysis, algorithms, network-based approaches, among others;  
• Life Cycle Assessment, Carbon Footprinting, Energy Analysis, Energy Analysis, and Integrated Product Policy;  
• Environmental Management Systems.  
Despite its name EIA Review is not restricted to review articles; However, it aims to publish only contributions

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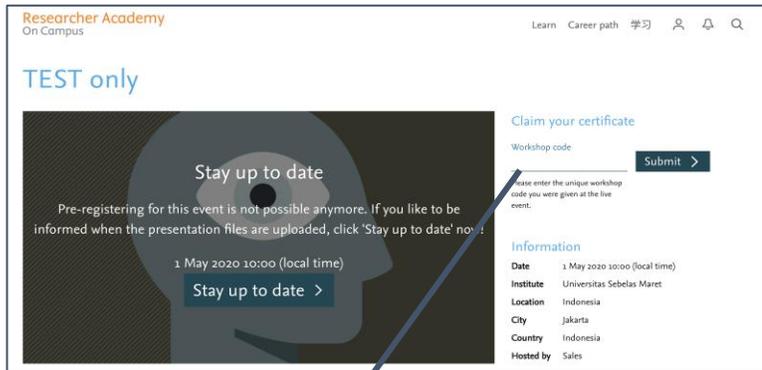
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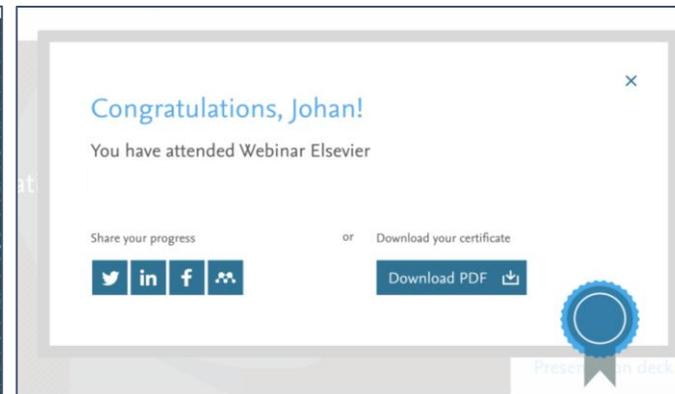
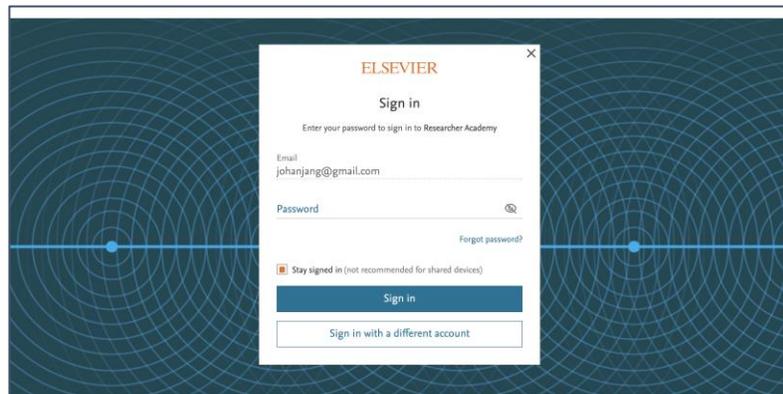


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