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ELSEVIER

Introduction to ScienceDirect, ScienceDirect AI and Scopus for research

Data | Curated. Connected. Complete

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Customer Success Manager

Elsevier South East Asia

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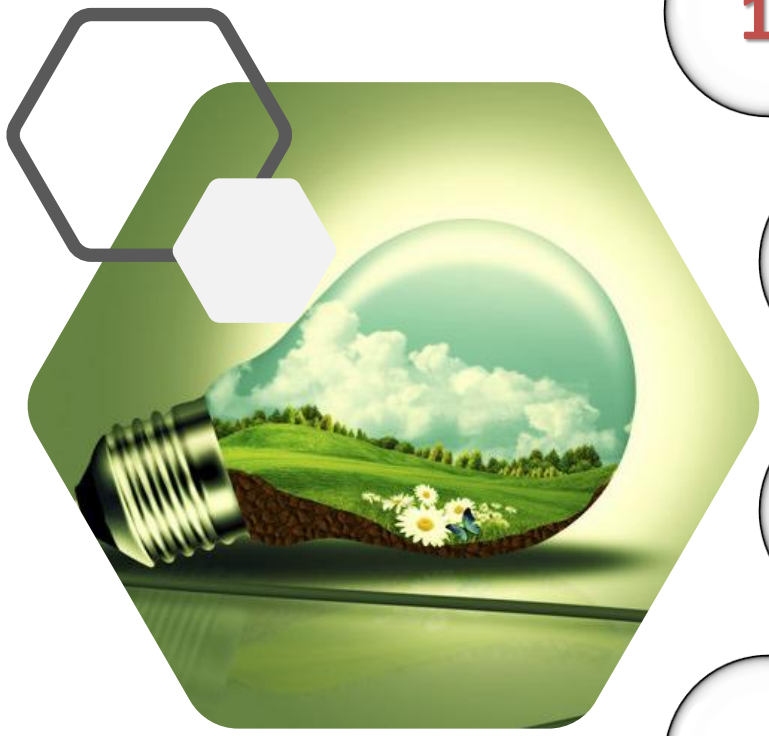
Outline



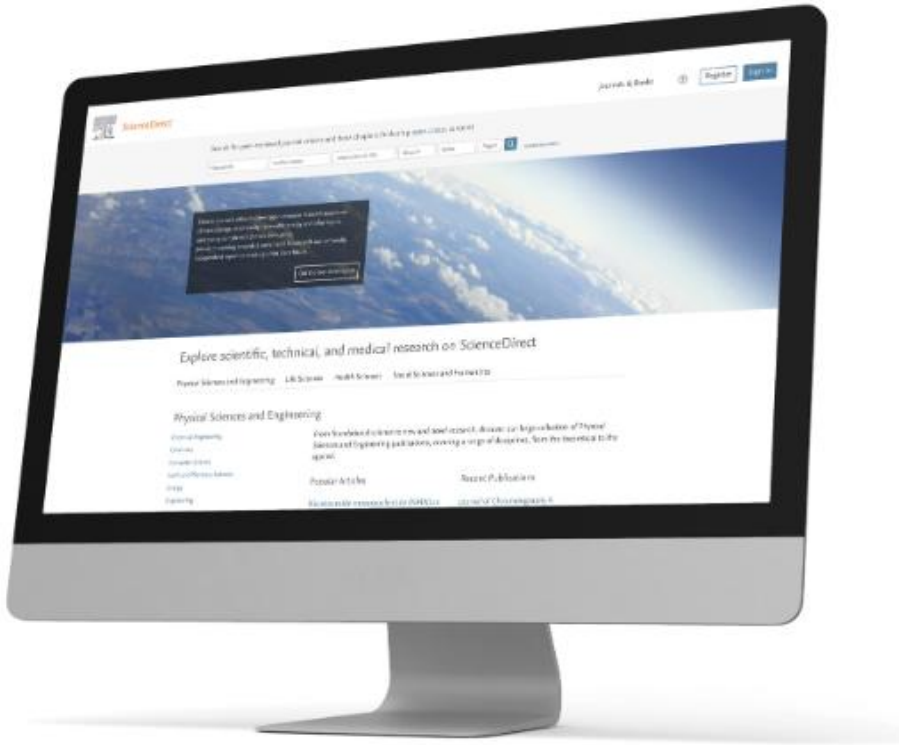
1. Introducing to ScienceDirect
2. Introducing to ScienceDirectAI
3. Introducing to Scopus
4. Q&A

Introducing to ScienceDirect


ELSEVIER
ScienceDirect
Unmitigated and seamless access to data and peer-reviewed scholarly information to move research forward

ScienceDirect

Researchers and students worldwide rely on authoritative and trusted information from Elsevier about the world's most pressing research and discovery questions.



- Develop foundational knowledge
- Explore fields of research, methods and materials
- Expand subject matter expertise
- Inform new ideas
- Stay up-to-date
- Gain in-depth insights into unfamiliar, emerging topics

>20m articles

>2700 peer-reviewed journals

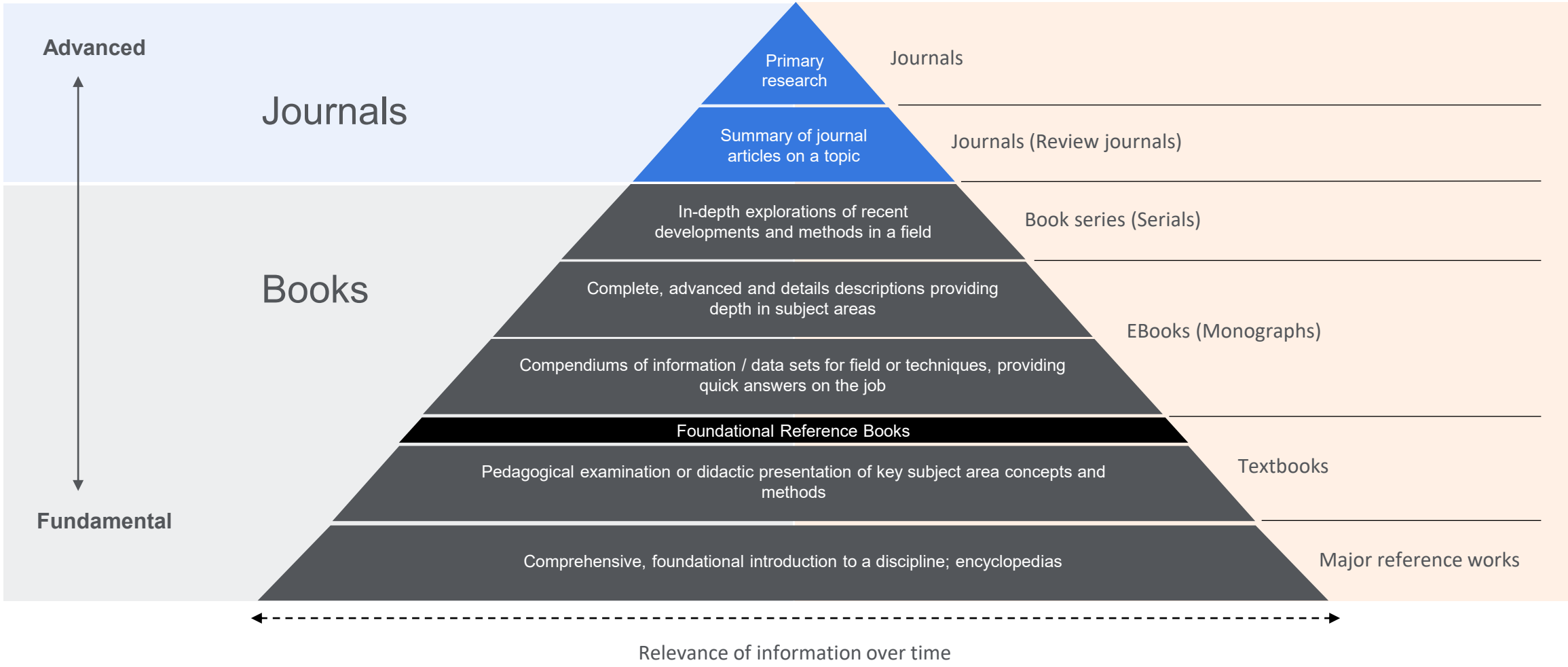
>46k eBooks

375k topic pages

>600 open access publications

>3.3M open access articles

ScienceDirect supports all stages of learning



Type content in ScienceDirect

Original Research Articles

- Complete report on original research
- Typically 8-10 pages, 5 figures, 25 references
- Can be found in OA or non-OA journal
- Good way to build a scientific research career

Short Communications

- Quick and early communications of significant, original advances, usually claiming certain results.
- Much shorter than full articles.
- Appear under many names, such as letter papers, preliminary notes, notes, etc.

Review Papers

- Critical synthesis of a specific research topic
- Typically 10+ pages, 5+ figures, 80 references
- Typically solicited by journal editors
- Good way to consolidate a scientific research career

What are on ScienceDirect? Recap!!!

Types of content : OA vs Non-OA

*OA= Open Access and *Non-OA= Subscription

Non-OA
(Subscription)

Free of charge

OA
(Open Access)

Article Publishing
Charge (APC)

Hybrid

Non-OA
(Subscription)

Free of charge

OA
(Open Access)

Article Publishing
Charge (APC)

Recap!!!

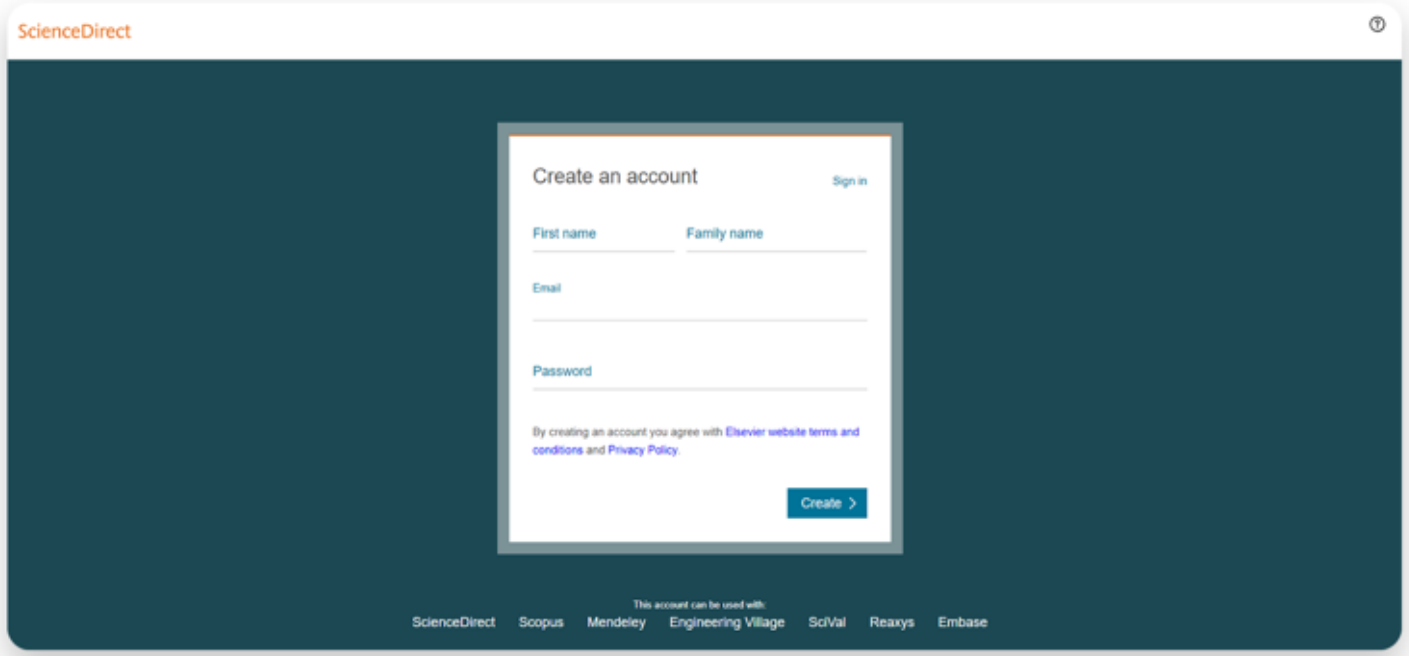
Non-OA = **Authors** don't have to pay for publishing.
Readers have to pay for reading

OA = **Authors** have to pay for publishing
Readers don't have to pay for reading

Create a user account

With a ScienceDirect account, you unlock features specifically designed to support your research goals. Give us a few details, and your account lets you:

- Set up alerts for searches, journals and book series
- Receive recommendations personalized to your search history
- Access and manage your reading history
- Access ScienceDirect remotely outside your institution's IP range



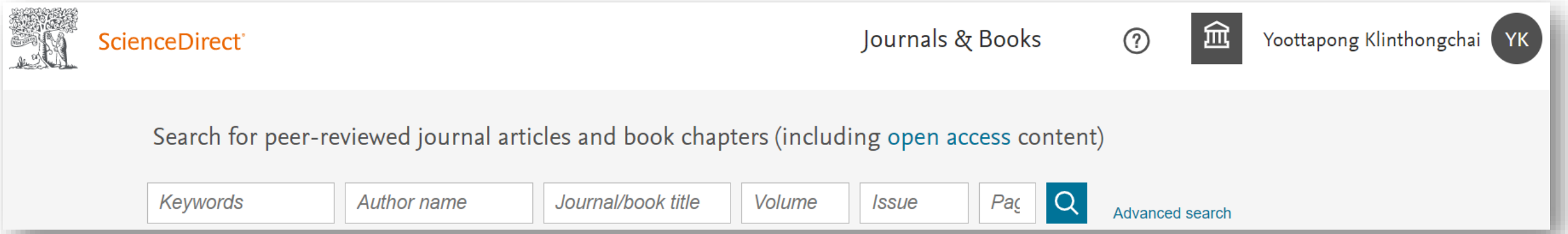
Introducing to Sciencedirect

Search

Now that you're on ScienceDirect, it's time to look around.

The ScienceDirect search functionality offers a multitude of search fields, filters and alerts to focus your search and improve your workflow. First, choose the search technique you prefer.

If you want a broad search that you can filter afterwards, head to the search bar for a quick search:



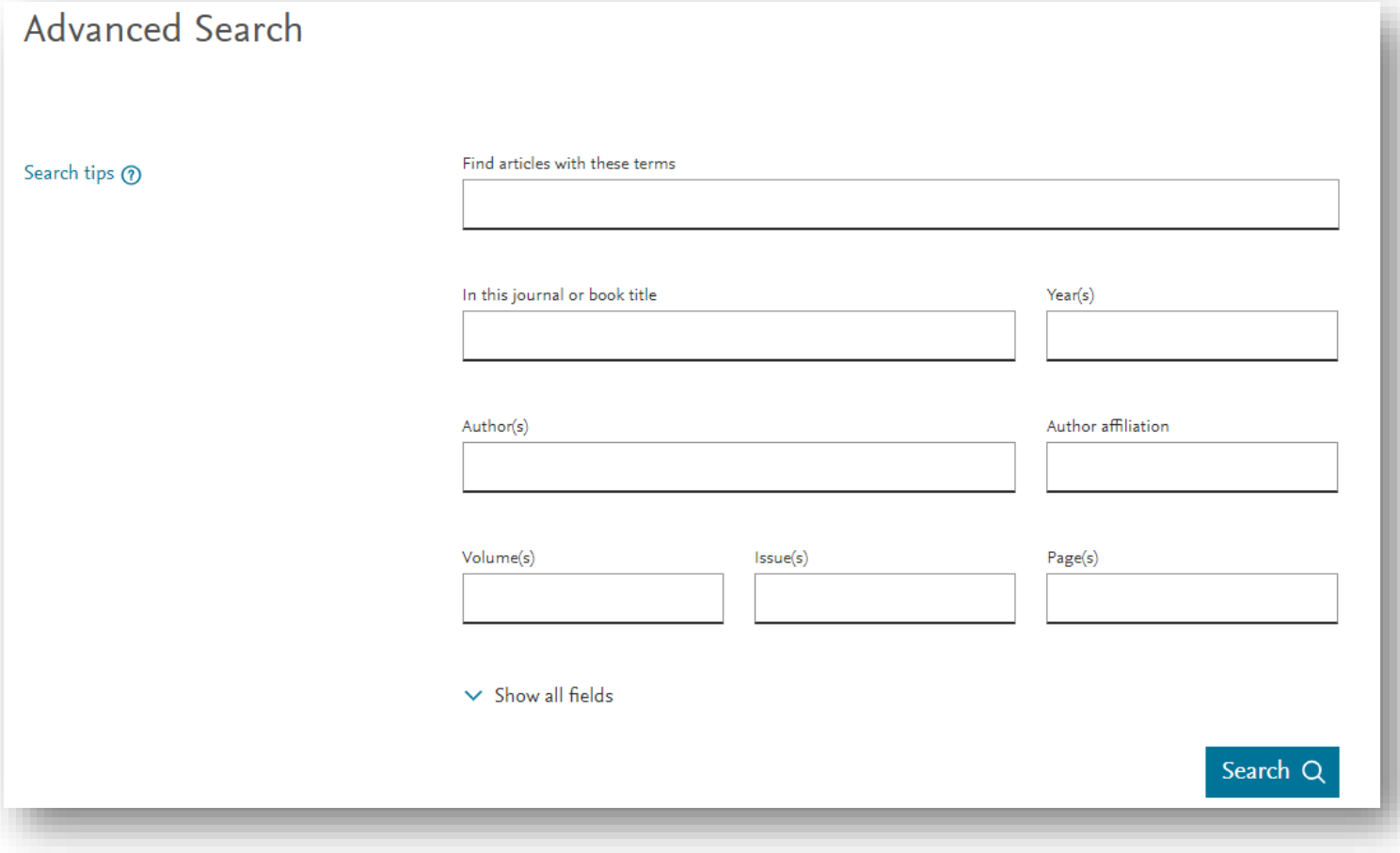
Enter keywords, an author name, or the title of a journal or book to get started.

Introducing to Sciencedirect

Search

You might want to begin with a narrow search instead, so click on Advanced Search where you'll see how easy it is to get specific with the new open-design form:

- Search by author affiliation or article type
- Filter for open access/open archives articles
- Check out suggested publications
- Filter for volume/issue number in journal/book searches
- Set search alerts
- Notice access/entitlement icon on each article
- Download search alerts list as a .CSV



Research Workflow : ScienceDirect

1 Input the keyword

Find articles with these terms

bullying prevention

Advanced search

Article detail
- Title
- Journal
- Authors

3

8,703 results

Set search alert

Download selected articles | Export | sorted by *relevance* | date

2

Use the filter to focus more on specific area

Refine by:

Years
- 2023 (40)
- 2022 (945)
- 2021 (784)

Show more

Article type
- Review articles (1,201)
- Research articles (5,040)
- Encyclopedia (271)
- Book chapters (911)

Show more

Publication title
- Children and Youth Services Review (376)
- Journal of Adolescent Health (363)
- Child Abuse & Neglect (356)

Show more

Subject areas
- Medicine and Dentistry (5,377)
- Psychology (3,561)
- Social Sciences (3,072)

Show more

Access type
- Open access & Open archive (1,093)

Research article ● Full text access

1 **Implementation and evaluation of the Youth Police Academy school bullying prevention program in South Korea**
International Journal of Educational Research, 26 September 2021, ...
You-Kyung Han, Aeri Song, Su Jung Um
View PDF | Abstract | Extracts | Figures | Export

Research article ● Full text access

2 **The cost-effectiveness of a school-based intervention for bullying prevention: An Australian case study**
Mental Health & Prevention, 26 October 2021, ...
Long Khanh-Dao Le, Lidia Engel, ... Cathrine Mihalopoulos
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Review article ● Full text access

3 **A meta-analysis of the outcomes of bullying prevention programs on subtypes of traditional bullying victimization: Verbal, relational, and physical**
Aggression and Violent Behavior, 30 July 2020, ...
Reeve S. Kennedy
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Research article ● Full text access

4 **Gender differences in outcomes of bullying prevention programs: A meta-analysis**
Children and Youth Services Review, 24 September 2020, ...
Reeve S. Kennedy
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Conference abstract ● Full text access

5 **20.3 School-Community Collaborative Approaches to Bullying Prevention and Intervention**
Journal of the American Academy of Child & Adolescent Psychiatry, 12 October 2022, ...
Colleen Cicchetti
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Research article ● *Open access*

6 **Development and experimental validation of a dataset of 360°-videos for facilitating school-based bullying prevention programs**
Computers & Education, 28 October 2020, ...
Miguel Barreda-Ángeles, Maria Serra-Blasco, ... Narcís Cardoner
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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 the gender effect, the results show that the YPA program was more effective for female participants in decreasing reinforcer behaviors. We then explored the implications of the results and proposed suggestions for policy-makers and program developers committed to bullying prevention.

Extracts: Related keyword input

... This study demonstrates the effectiveness of the Youth Police Academy *bullying prevention* program using ... , and coping responses to observations of *bullying*. ... *prevention*. ...

Figures

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
Table 2
Table 3
Table 4
Table 5
Table 6

Show all tables

Journal

ELSEVIER
International Journal of Educational Research
Volume 110, 2021, 101881

Title and authors

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

You-Kyung Han [a], Aeri Song [b], Su Jung Um [b, *]

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https://doi.org/10.1016/j.ijer.2021.101881

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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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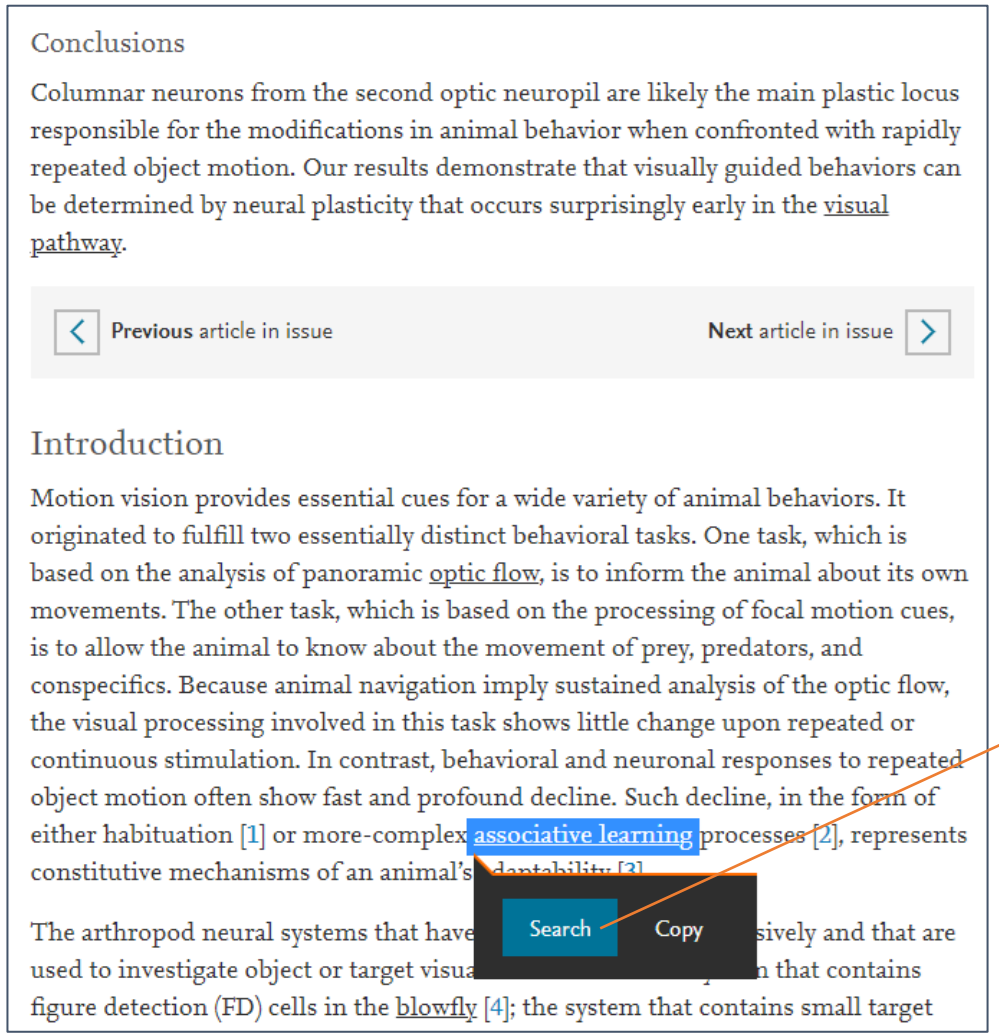
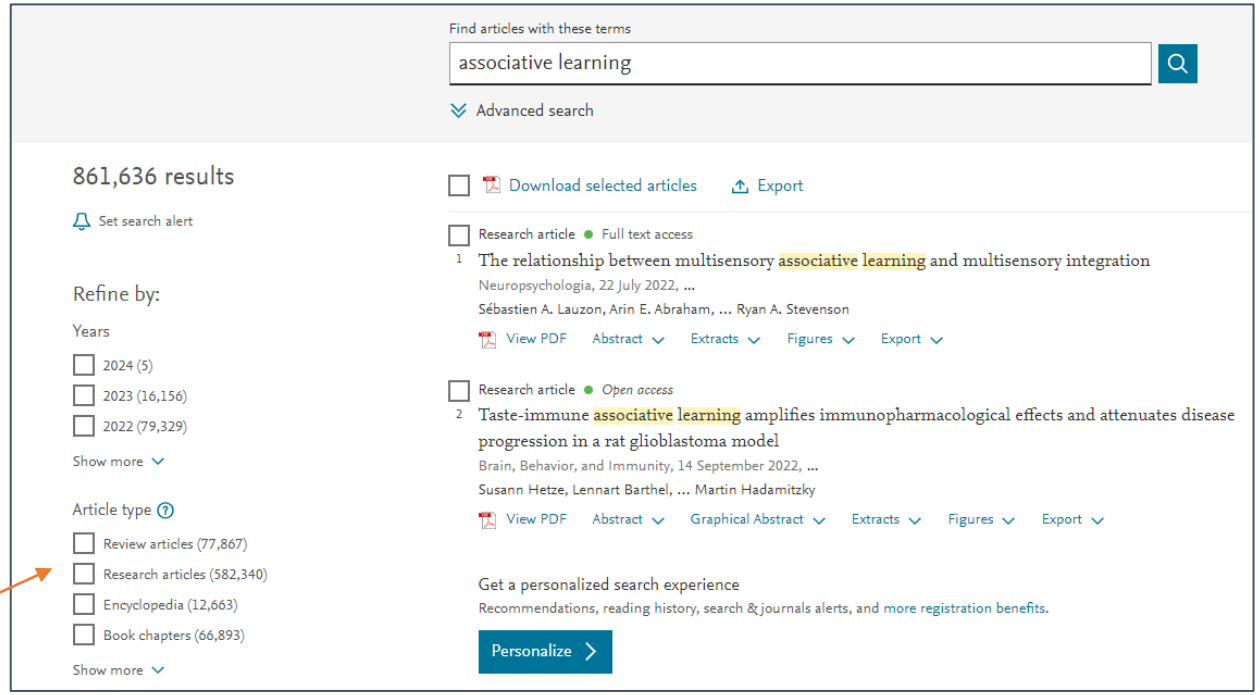
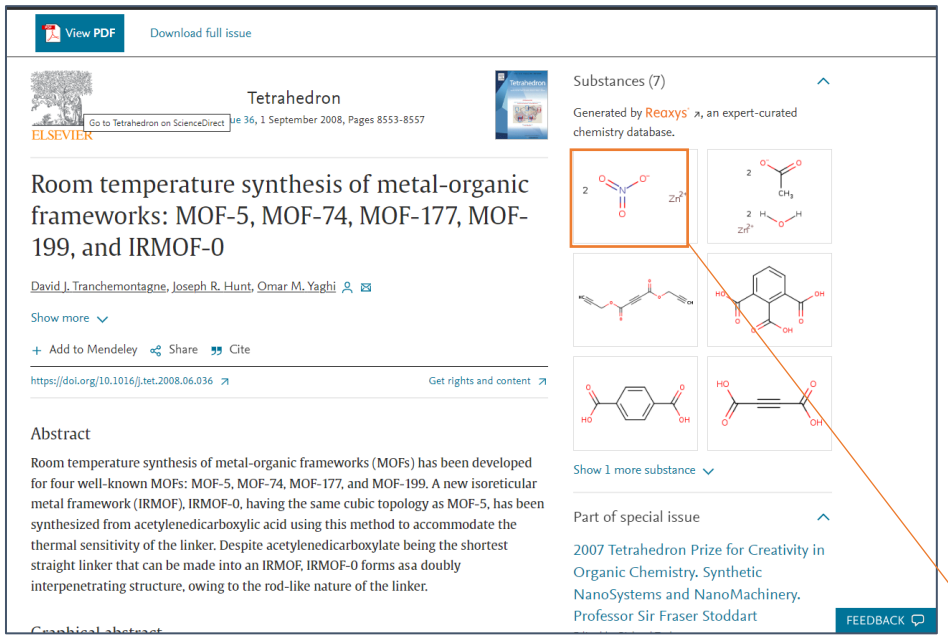


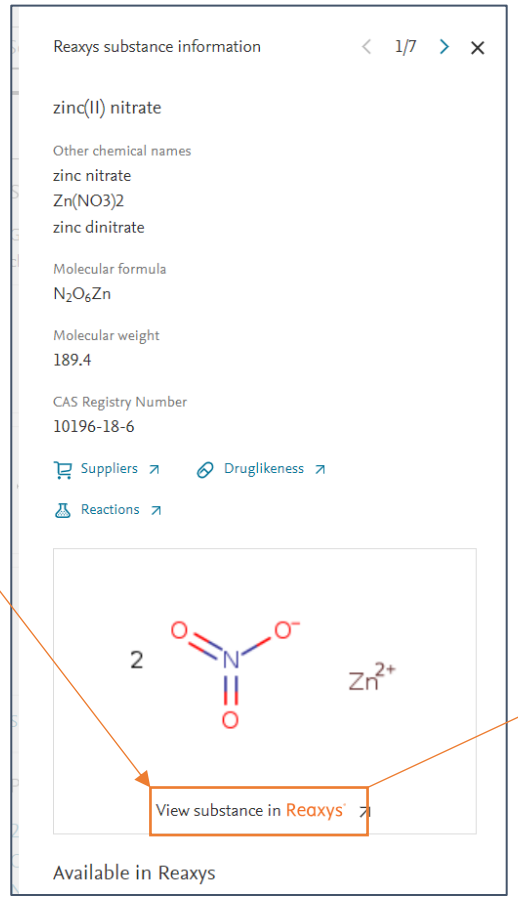


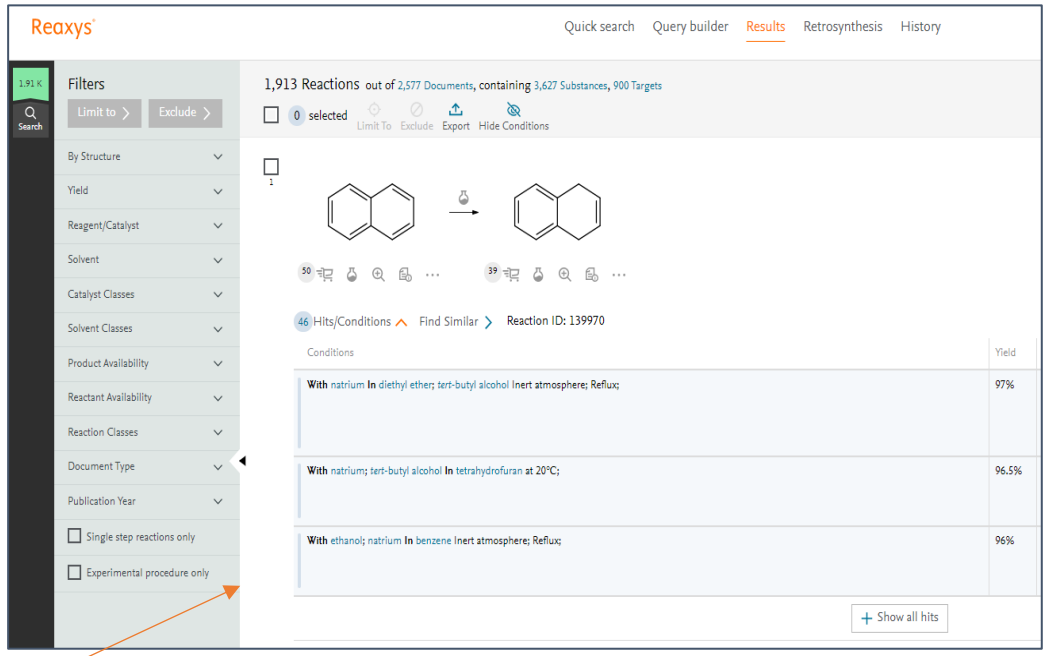
Enhancing Fundamental Knowledge

- Users can select any keyword or text to get quick and authoritative search results
- The user's next move is anticipated and their need to visit other platforms is removed

Gain more chemical insights with the integration of Reaxys reactions information on the article pages







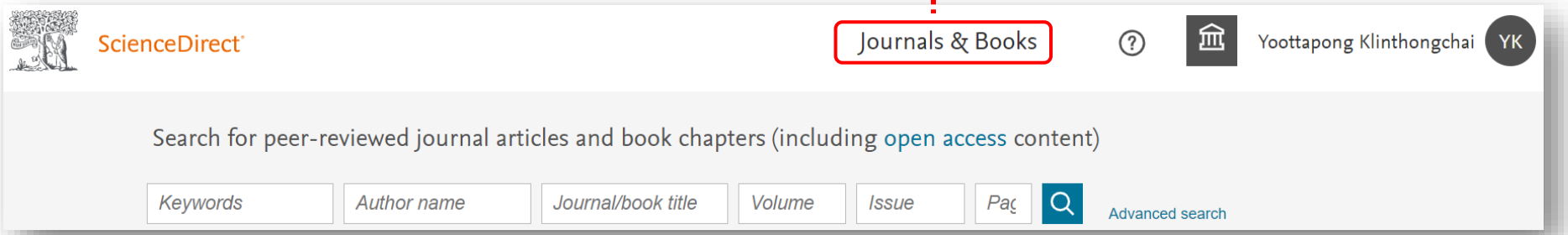
Uncover valuable insights

- Easily view relevant reaction and mechanism content, and continue to Reaxys for more details in a single click

Introducing to Sciencedirect

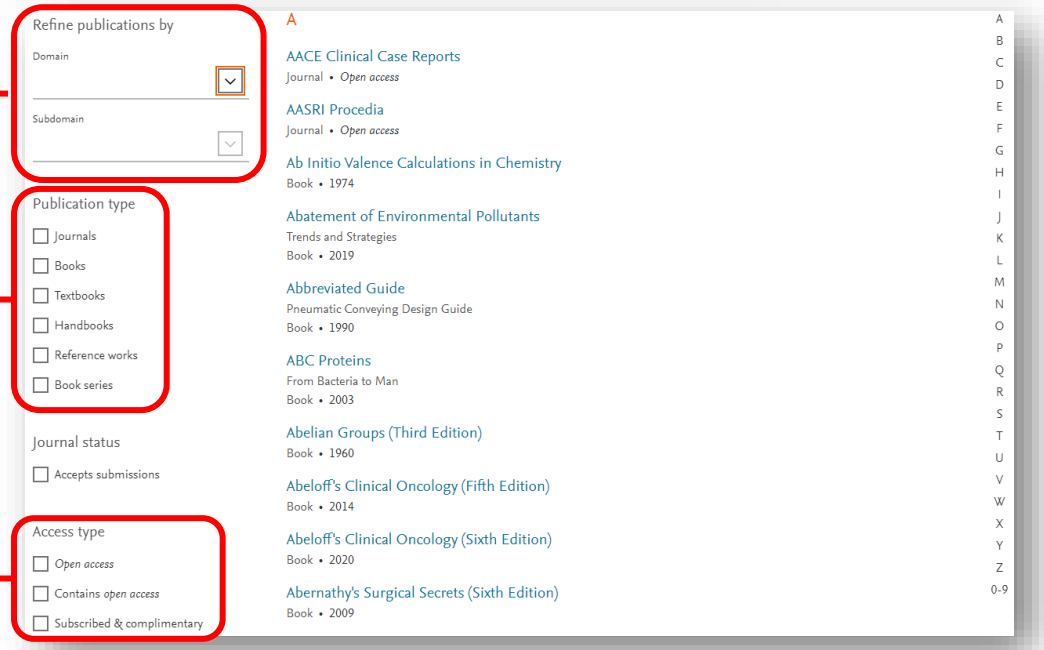
Browsing

If you want to begin your ScienceDirect experience by browsing through the content instead of searching, just click on Journals and Books on the homepage.



This modernized browse page has enhanced search capabilities and simpler URL composition.

- Refine publications by domain and sub-domain
- Select the type of publications
- Choose the type of access

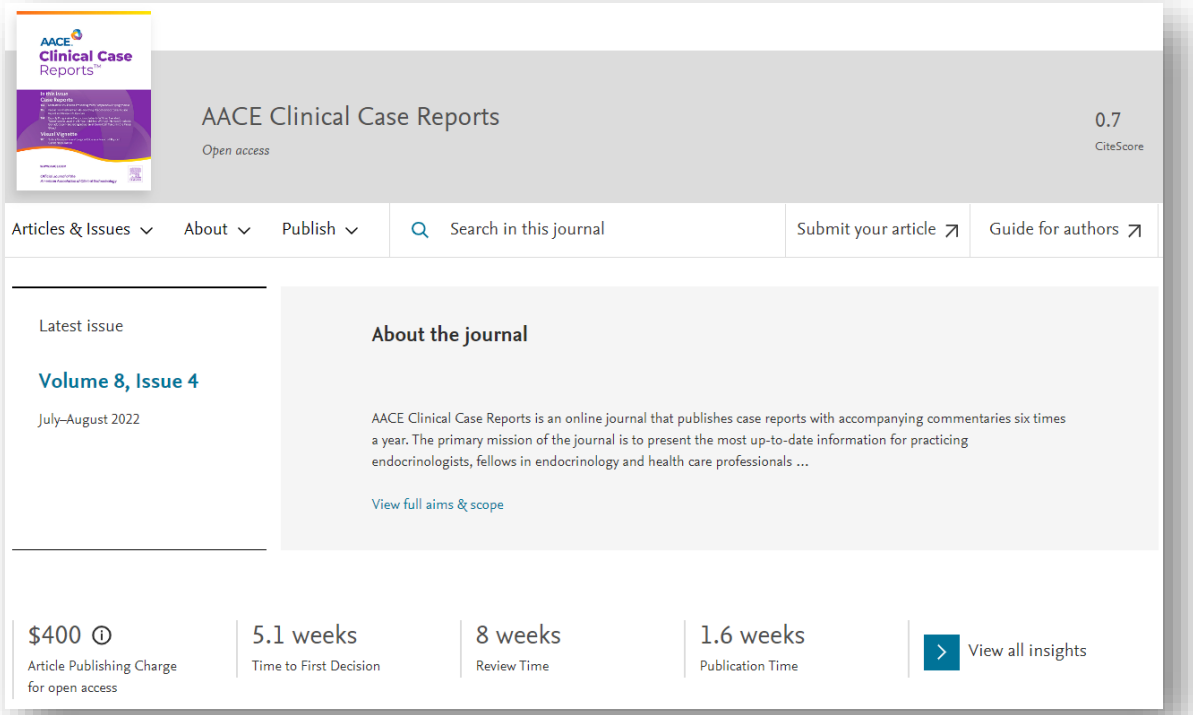


Journal homepages easier to evaluate

When your research takes you to the homepage of a journal quickly determines its relevance to your needs. You spend less time trying to find the right information – they load within one second – and more time using what you find in your workflow.

With the “card concept”, a series of rectangular panels containing specific information types, you can find journal information and related links more easily than ever. The new design also improves accessibility for users with disabilities.

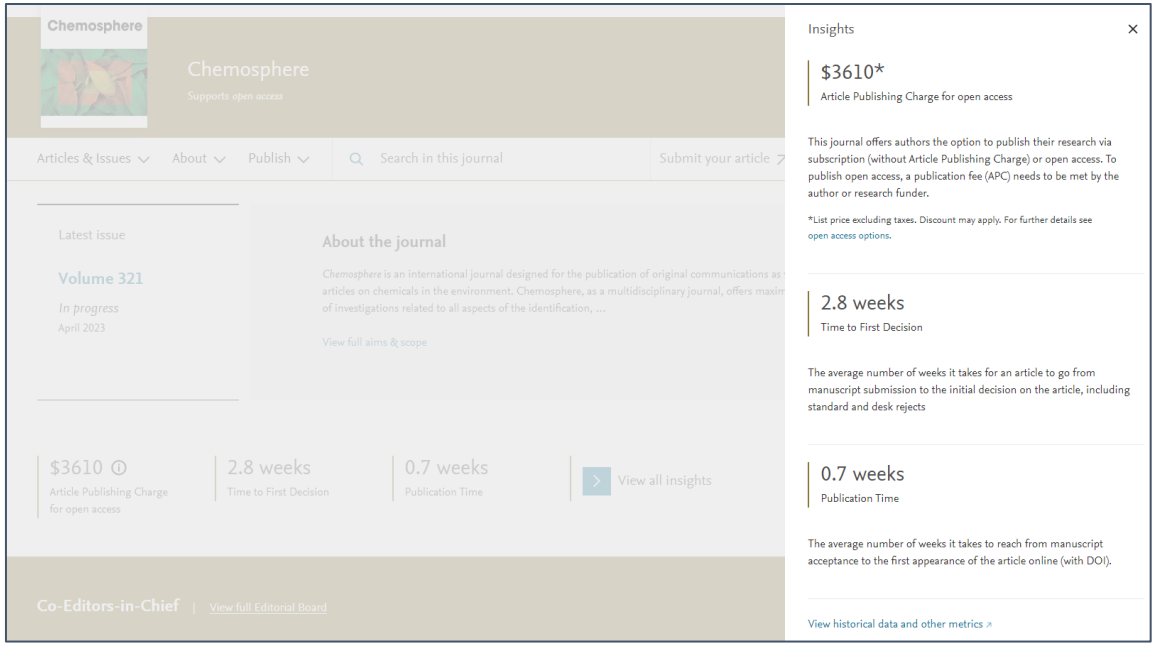
- Improved navigation allows you to discover relevant content faster
- Access indicators help identify available content, including open access

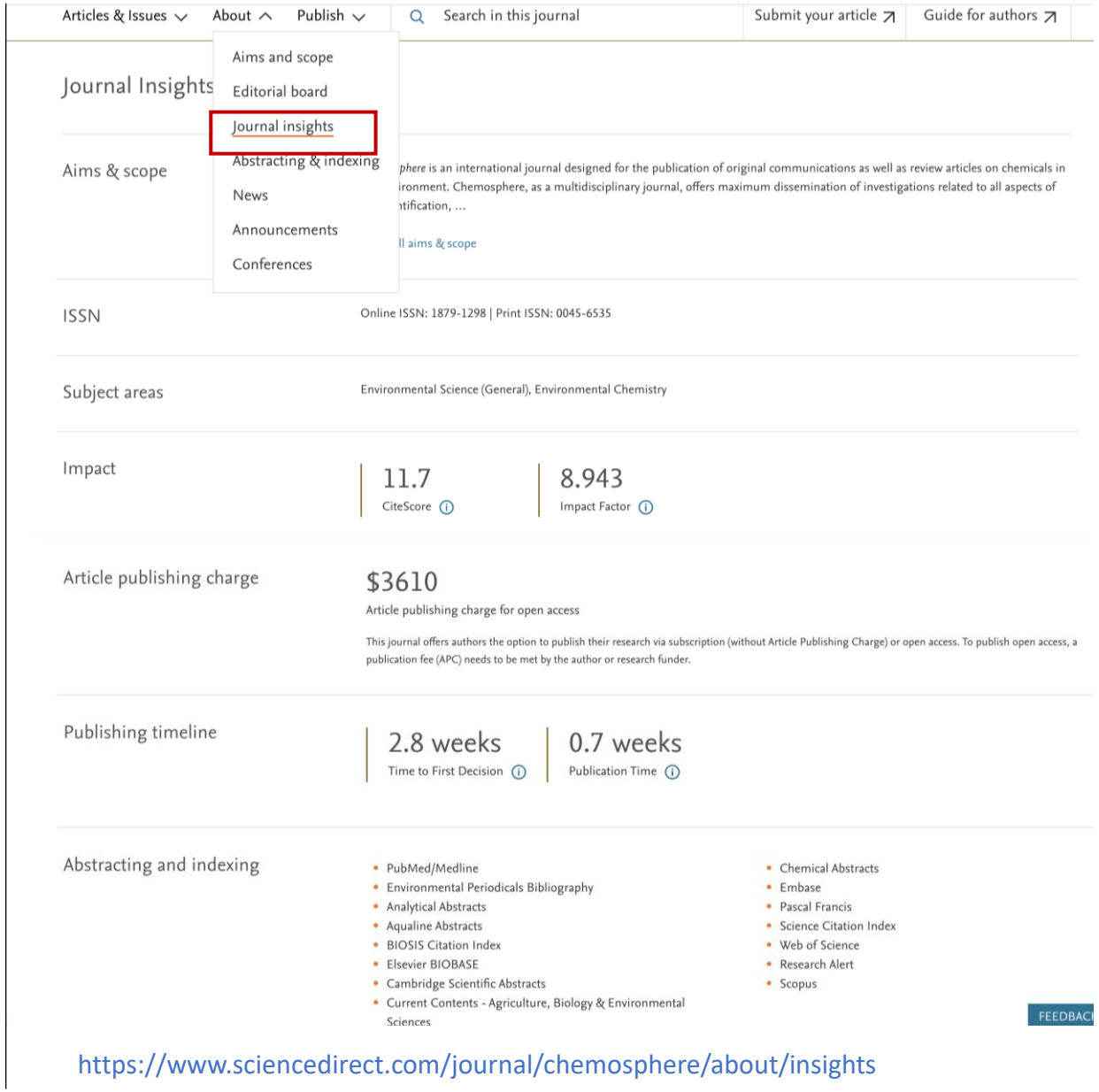


Find deeper insights about Journals through the Journals Insight Page

Improving Author Experience

- Find Key metrics and deeper insights about Journals with the new Journals Insights page.
- This feature enables end-users to make informed decisions about the Journal during their article submission process.





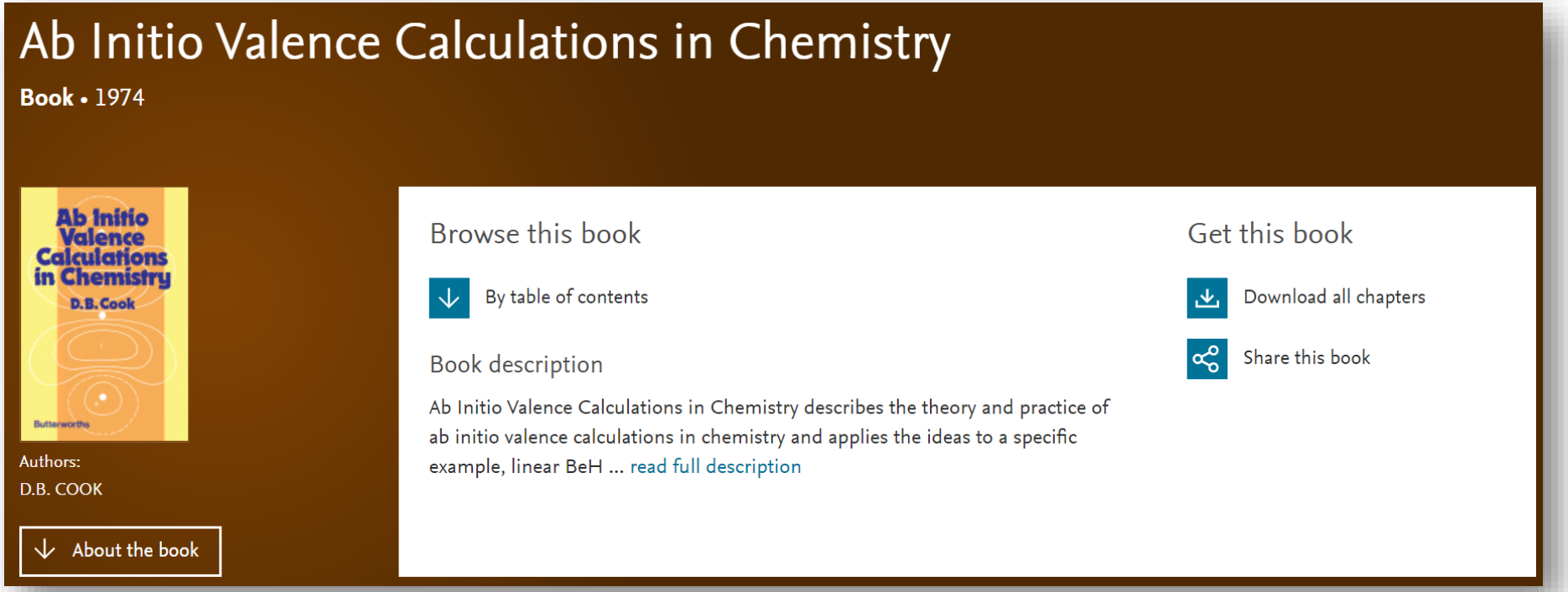
https://www.sciencedirect.com/journal/chemosphere/about/insights

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:

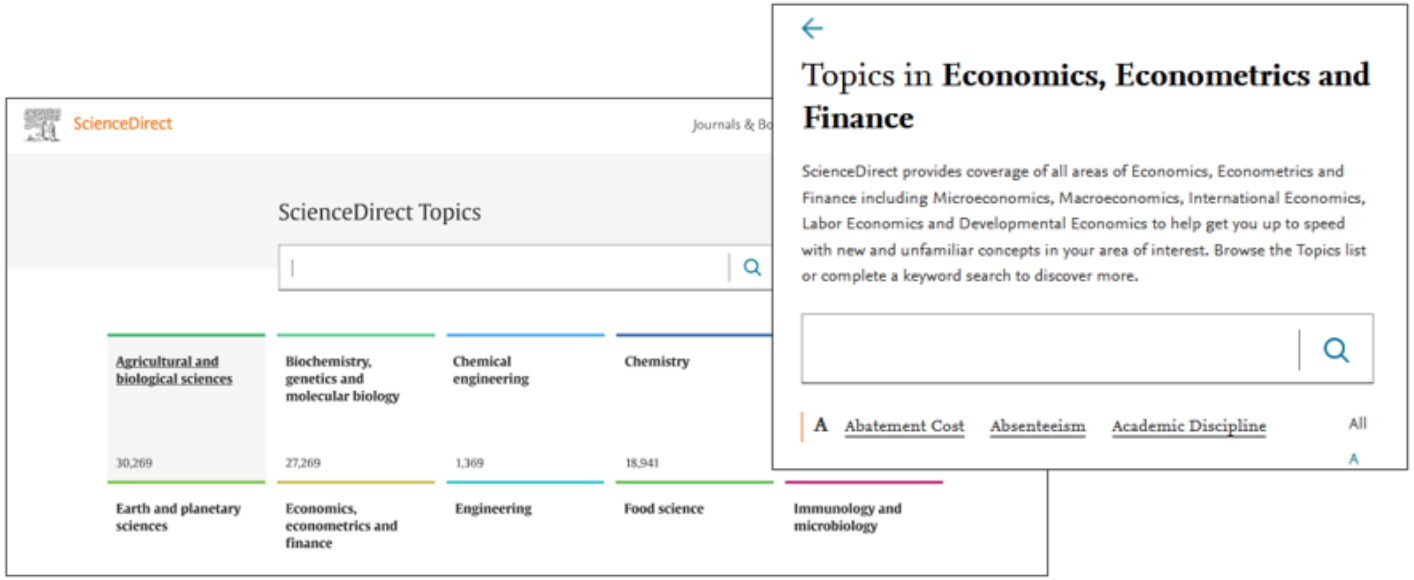
- Detailed book information
- Intuitive ways to navigate and interact with content
- One-second load times

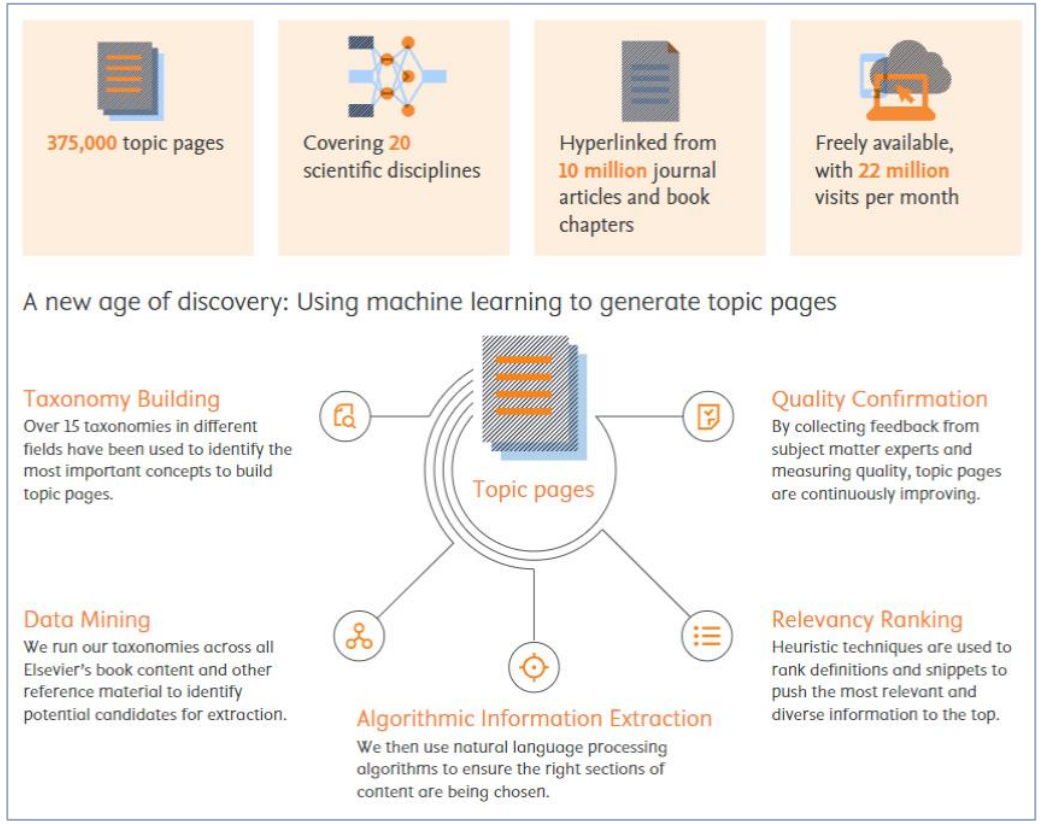
Plus, go ahead and browse books on multiple devices wherever you are.



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

Using **artificial intelligence**, **machine learning algorithms** and **natural language processing tools**, topic pages build a bridge between **book and journal** content to surface comprehensive, interdisciplinary knowledge that answers research questions, deepens users' understanding of a specific topic and fosters getting up to speed





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, **2nd** most visited after article pages

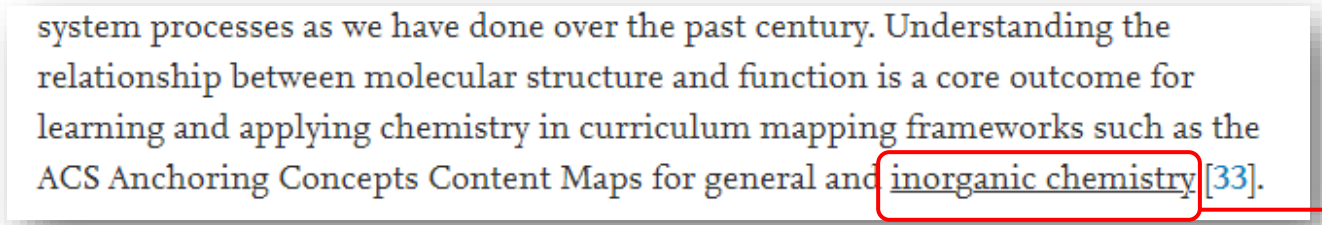
Introducing to Sciencedirect

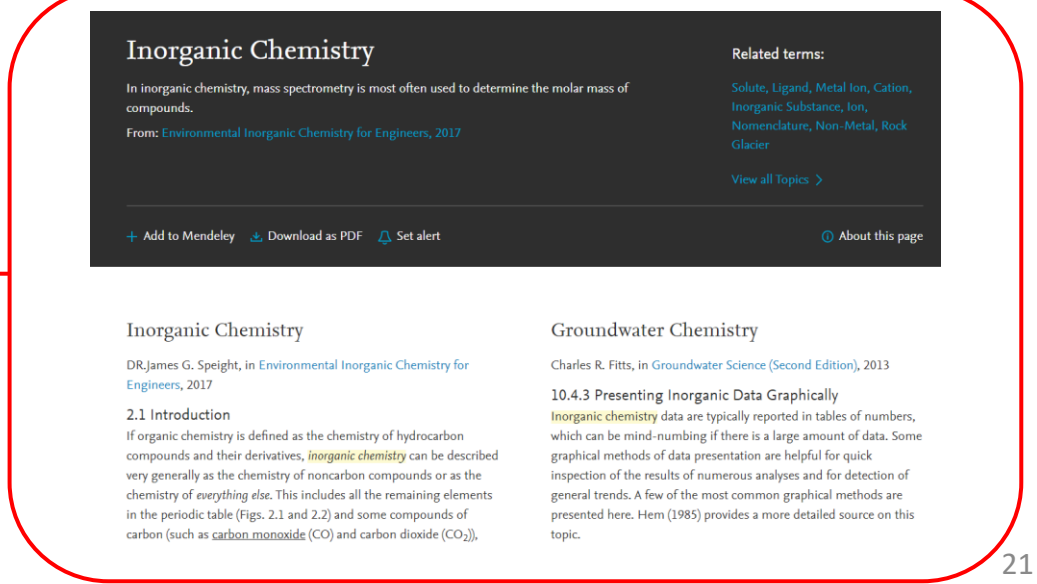
ScienceDirect topics expand your knowledge with foundational content

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].

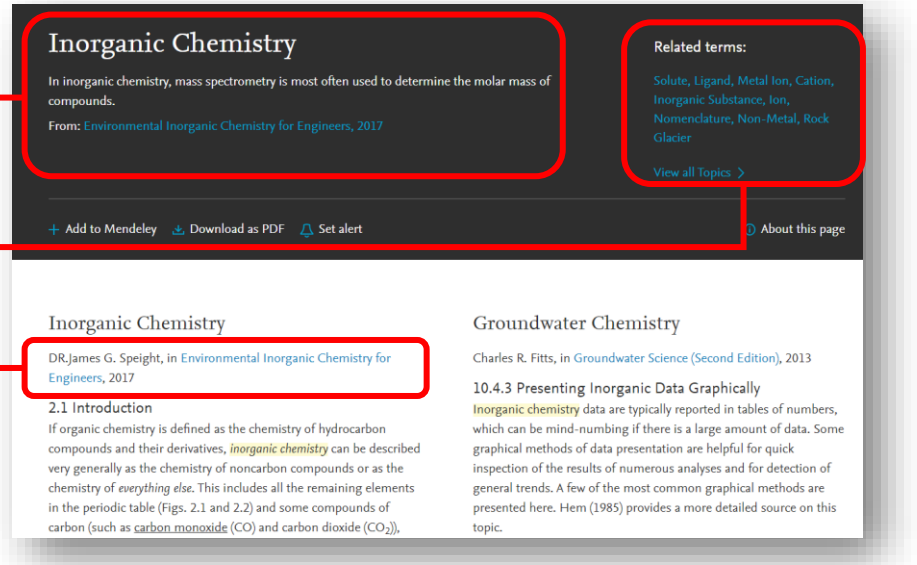


Introducing to Sciencedirect

ScienceDirect topics expand your knowledge with foundational content

You'll see

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



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
- Biomedical Sciences
- Life Sciences
- Chemistry
- Chemical Engineering
- Computer Science
- Engineering
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- Economics, Econometrics and Finance
- Food Science
- Materials Science and Materials Engineering
- Earth and Environmental Sciences
- Psychology
- Social Sciences

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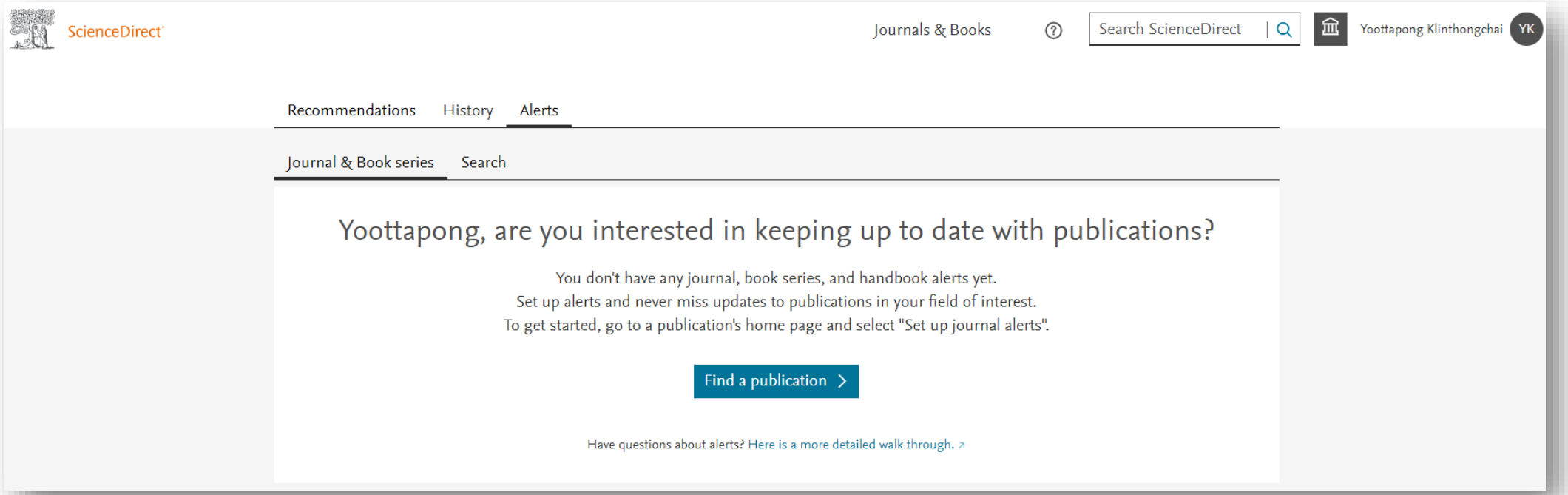

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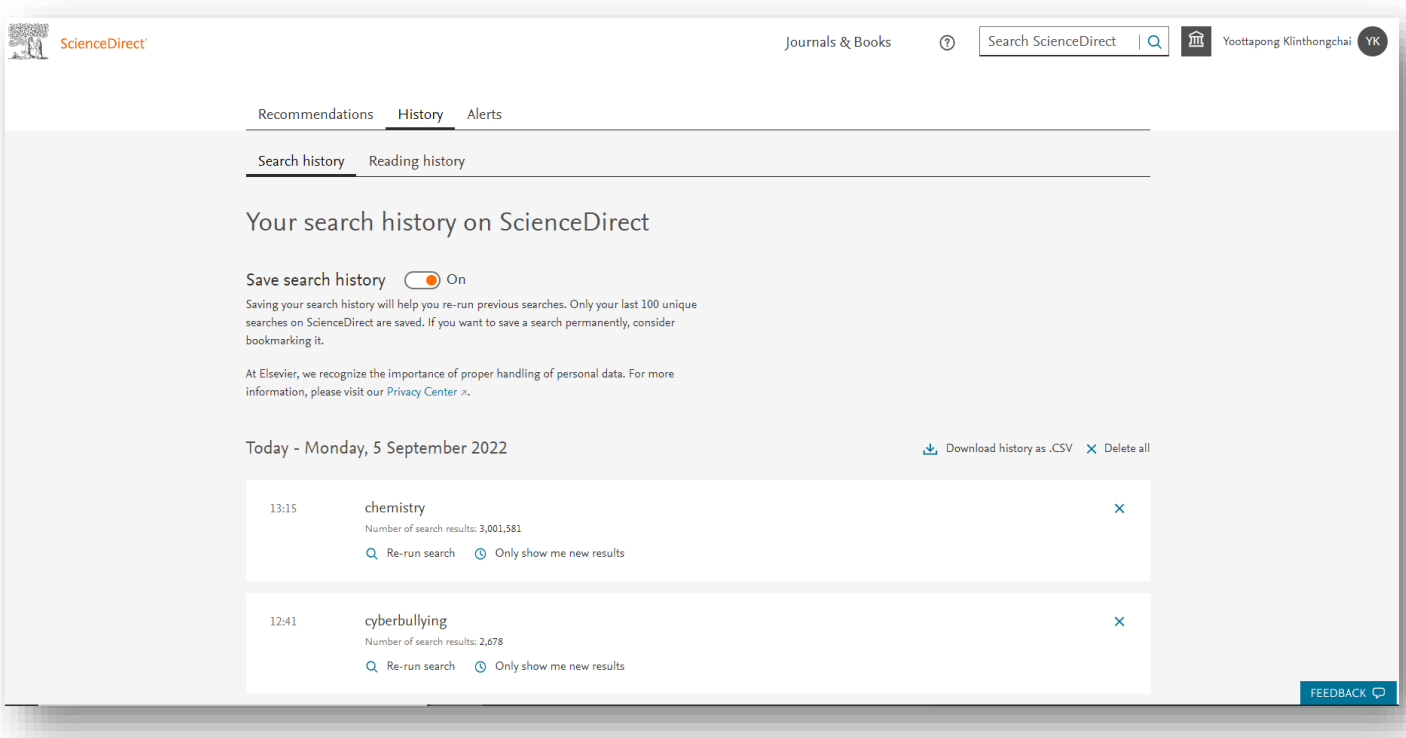

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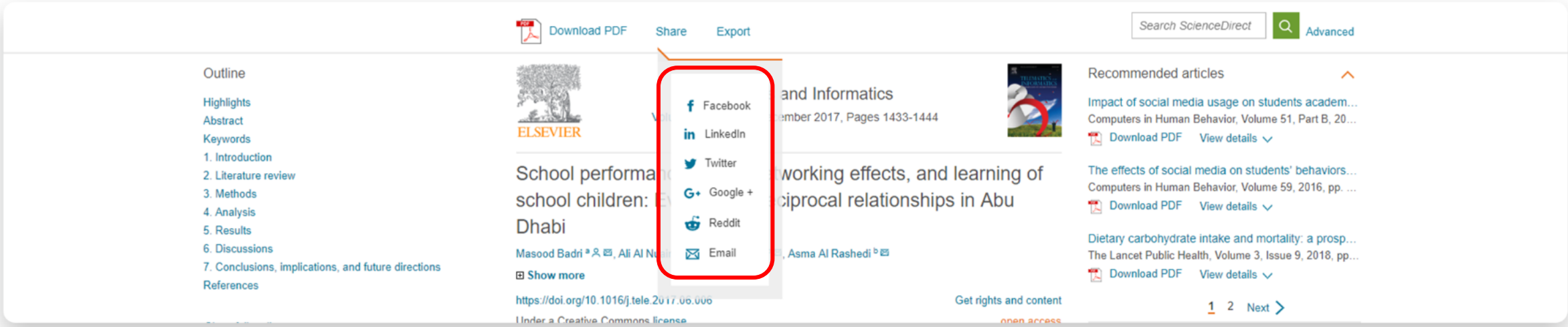

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Users tell us that:

"The literature review is a very time-intensive process, searching multiple platforms to stay up to date can become overwhelming"

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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)

Introducing to Sciencedirect

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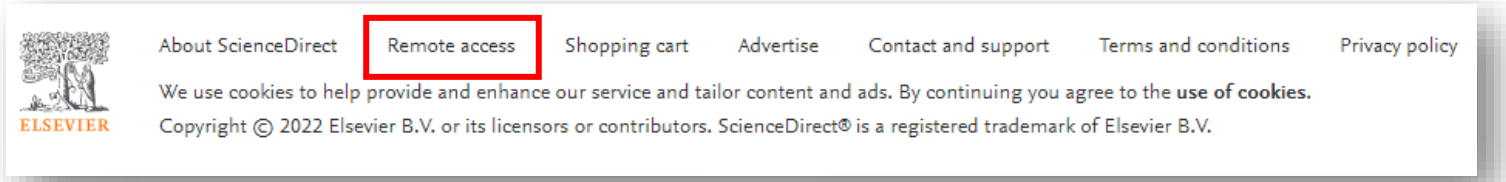

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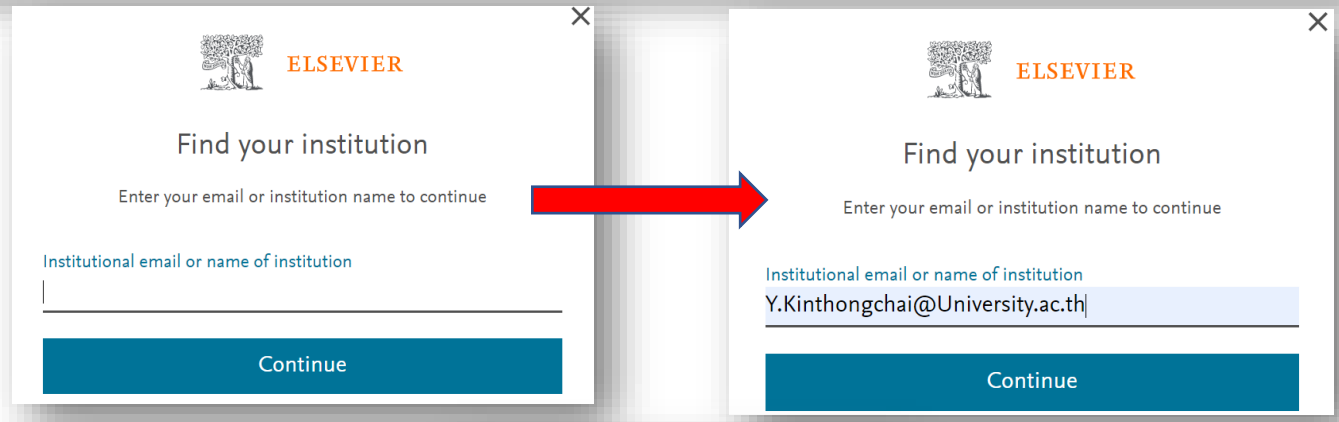

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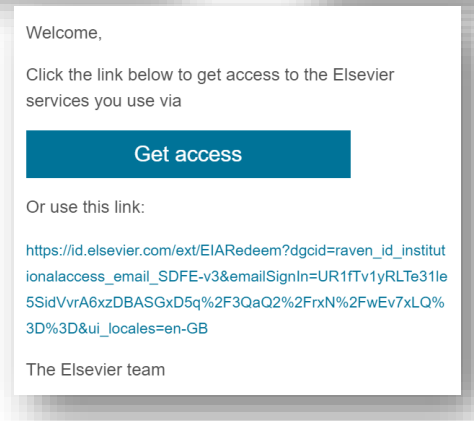

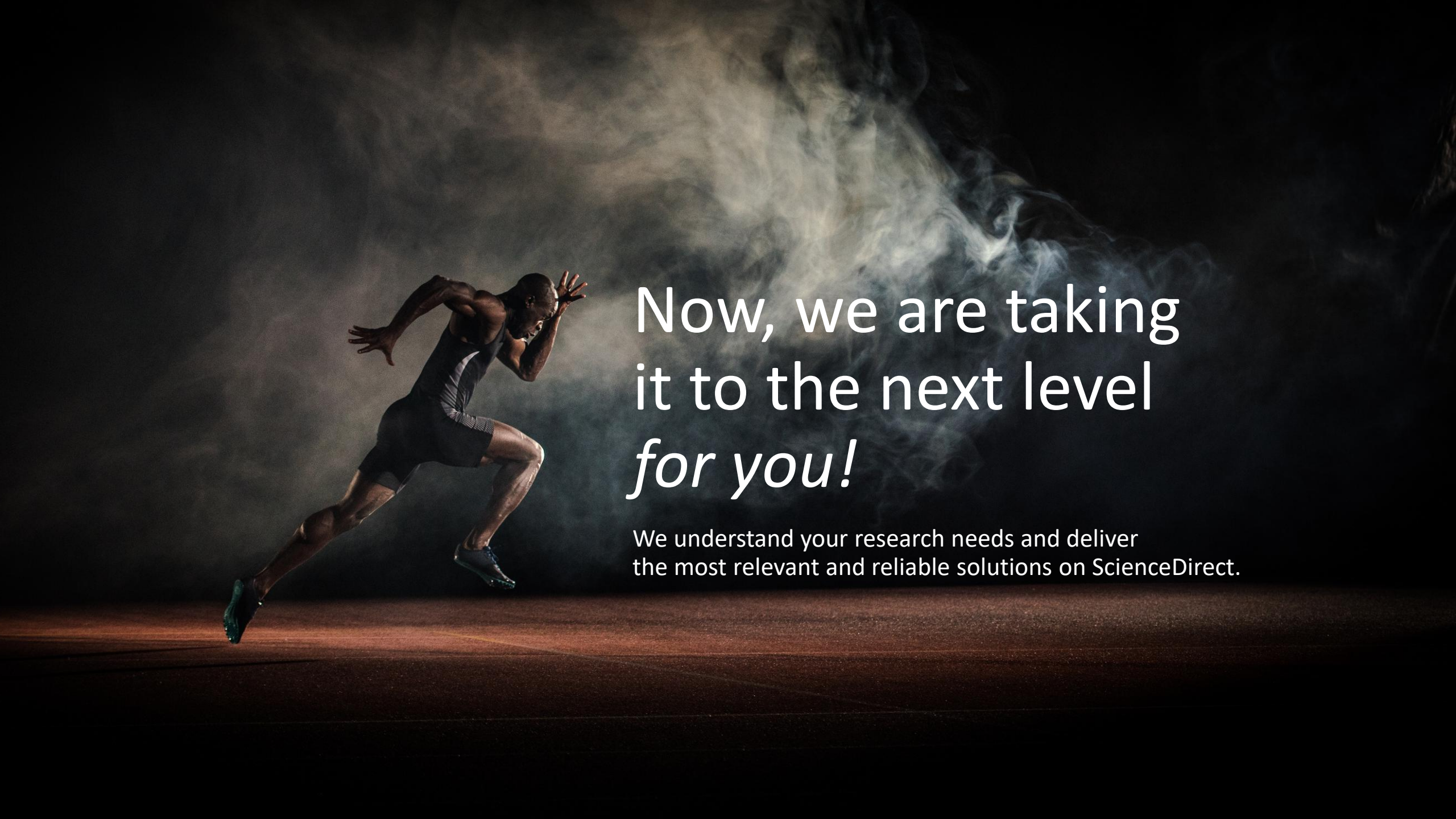
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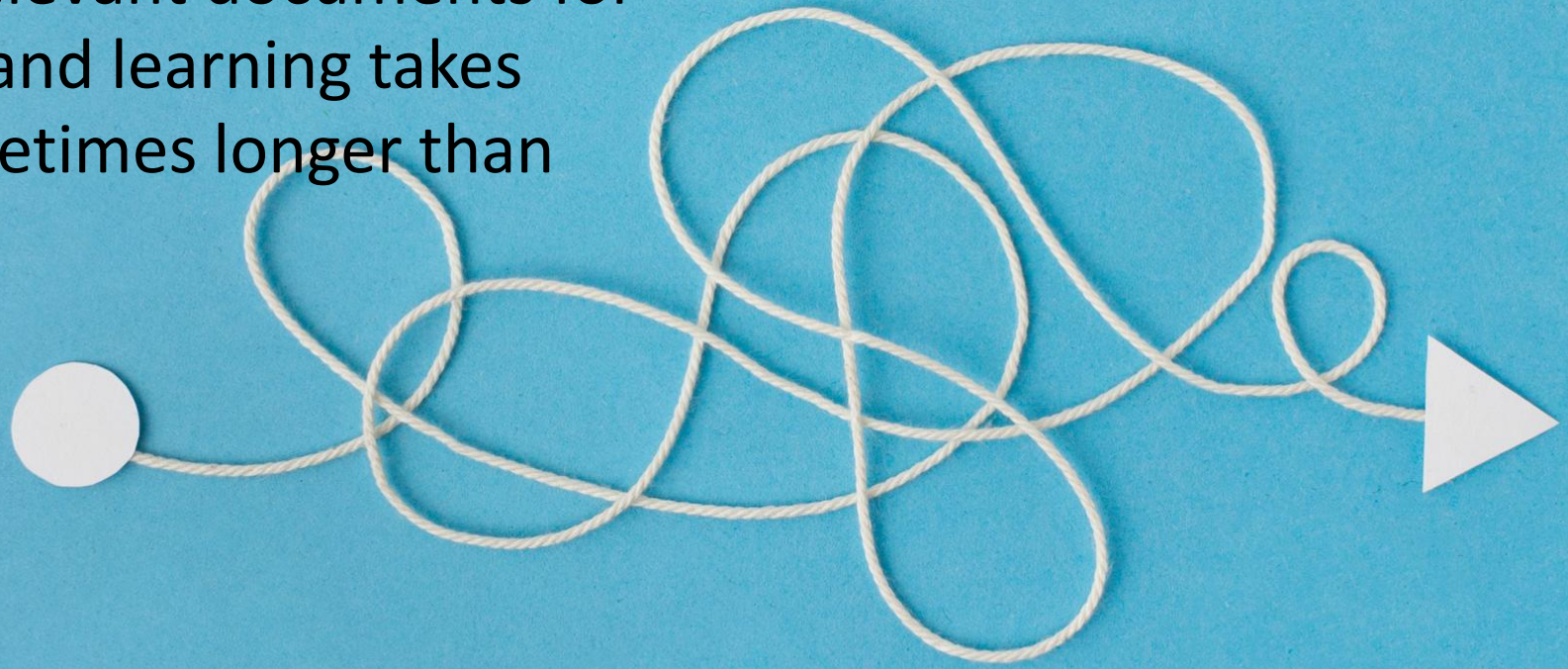
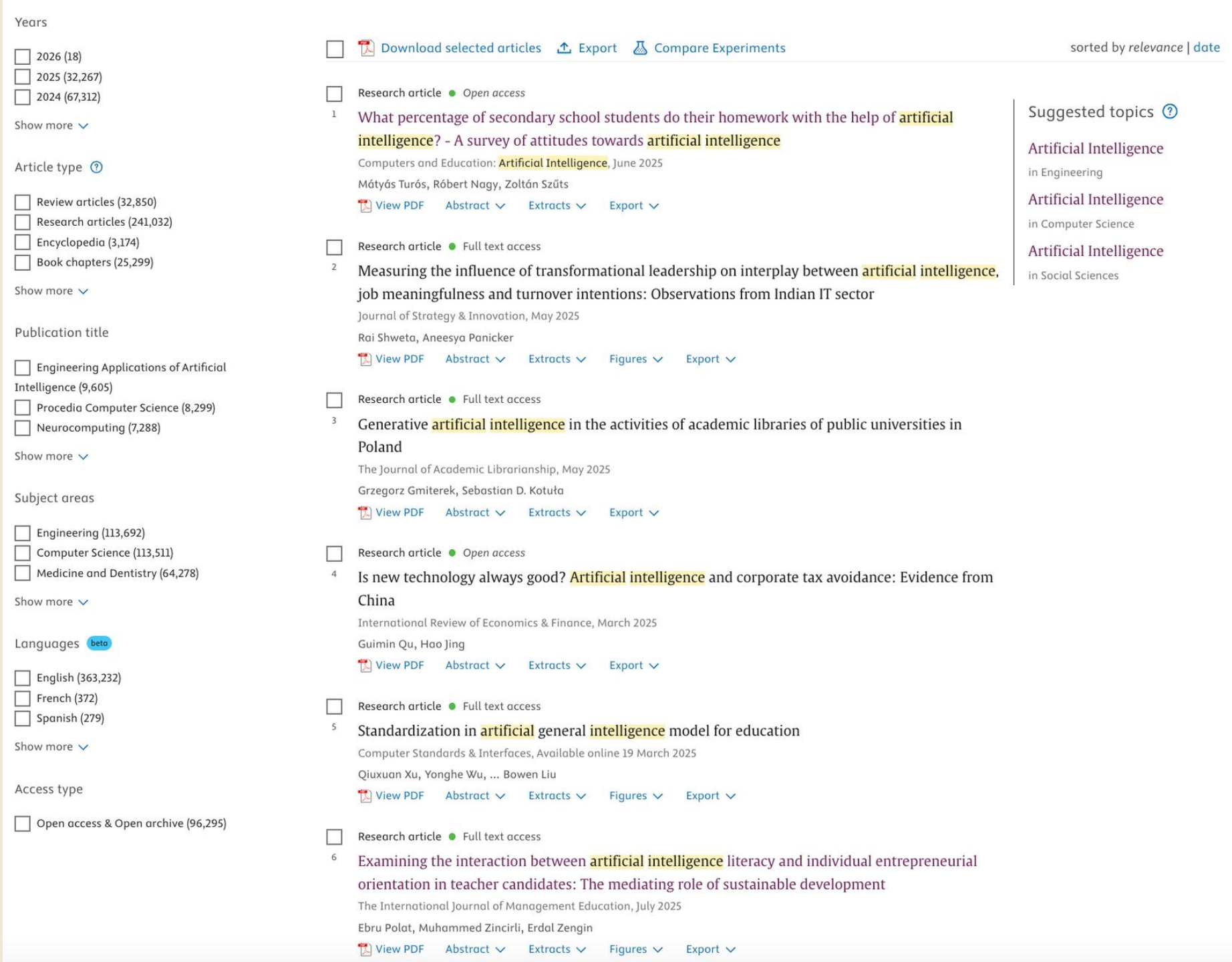


Imagine sifting through hundreds or even thousands of articles and book chapters to find the most relevant insights.

14hrs/wk

or 35%

Time spent by researchers to discover and read documents



Goodbye wasted reading time.
Hello relevance.

Ask ScienceDirect AI

Most GenAI tools predict likely responses based on web data. *Not this one.*

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Direct link to references used for your answer.

Ask ScienceDirect AI

Discover insights across publications ⓘ How it works

ช่วยบอกวิธีการแยก DNA หน่อย

Ask

Show summary steps Not happy with the summary? Regenerate without optimization

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Summary

Methods for DNA Extraction

To separate DNA, several methods can be employed, each with its own advantages and specific applications. Here are the primary techniques:

1. Organic Extraction (Phenol-Chloroform Method:

- **Process:** Involves a multistep liquid chemical process using phenol and chloroform.
- **Advantages:** Produces high yield and very clean double-stranded DNA.
- **Applications:** Suitable for various biological specimens (da Silva et al., 2023), (Elkins, 2013).

2. Inorganic Methods (Salting Out and Proteinase K Treatment:

- **Process:** Uses simple and cheap one-tube extraction where Mg^{2+} binds to resin beads.
- **Advantages:** Yields single-stranded DNA.
- **Applications:** Commonly used for its simplicity and cost-effectiveness (da Silva et al., 2023), (Elkins, 2013).

Reference preview

Comparison of DNA extraction methods for COVID-19 host genetics studies

Ronaldo Celerino da Silva(Conceptualization Formal analysis Investigation Methodology Validation Writing – original draft), Suelen Cristina de Lima(Investigation Methodology Validation Writing – original draft), Wendell Palôma Maria dos Santos Reis(Formal analysis Investigation Methodology Validation), Jurandy Júnior Ferraz de Magalhães(Data curation Investigation Validation), Ronaldo Nascimento de Oliveira Magalhães(Writing – review & editing), Brijesh Rathi(Writing – review & editing), Alain Kohl(Visualization Writing – review & editing), Marcos André Cavalcanti Bezerra(Conceptualization Writing – review & editing), Lindomar Pena(Conceptualization Data curation Funding acquisition Project administration Resources Supervision Writing – review & editing)
Huseyin Tombuloglu(Editor)

PLoS ONE • 2023

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Answer found in section: "Introduction"

A good extraction method needs to be safe, fast to perform and generate genomic DNA with good quality and in sufficient quantity for downstream analyses [11–13]. The main DNA extraction techniques routinely used include organic extraction (phenol–chloroform method), nonorganic method (salting out and proteinase K treatment), adsorption-based methods (silica–gel membrane) and magnetic beads-based methods. These techniques allow consistent DNA isolation from several biological specimens, but they differ in both the quality and the quantity of DNA yielded [11, 13, 14].

Ask ScienceDirect AI

Researchers can uncover deeper insights with AI-driven recommendations based on their questions.

Related insights (2)

Laboratory Diagnosis of *Echinococcus* spp. in Human Patients and Infected Animals

M. Siles-Lucas, A. Casulli, ... N. Müller

Advances in Parasitology • 2017

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DNA extraction methods vary based on the sample type and include classic phenol-chloroform extraction and commercial DNA isolation kits. The choice of method depends on the specific biological matrix being analyzed.

How relevant is this response? ☆ ☆ ☆

Forensically informative nucleotide sequencing (FINS) for the authentication of Chinese medicinal materials

Ming Li, Kalin Yan-Bo Zhang, ... Pang-Chui Shaw

Chinese Medicine • 2011

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DNA extraction is an invasive process that uses physical disruption and chemical methods to isolate DNA from tissues. Common techniques include CTAB and phenol/chloroform extraction, often used in commercial kits.

How relevant is this response? ☆ ☆ ☆

Ask ScienceDirect AI

ScienceDirect AI generates follow-up questions to spark deeper research and discovery.

Second,

Comparing and synthesizing literature can be a laborious task.

We get it.

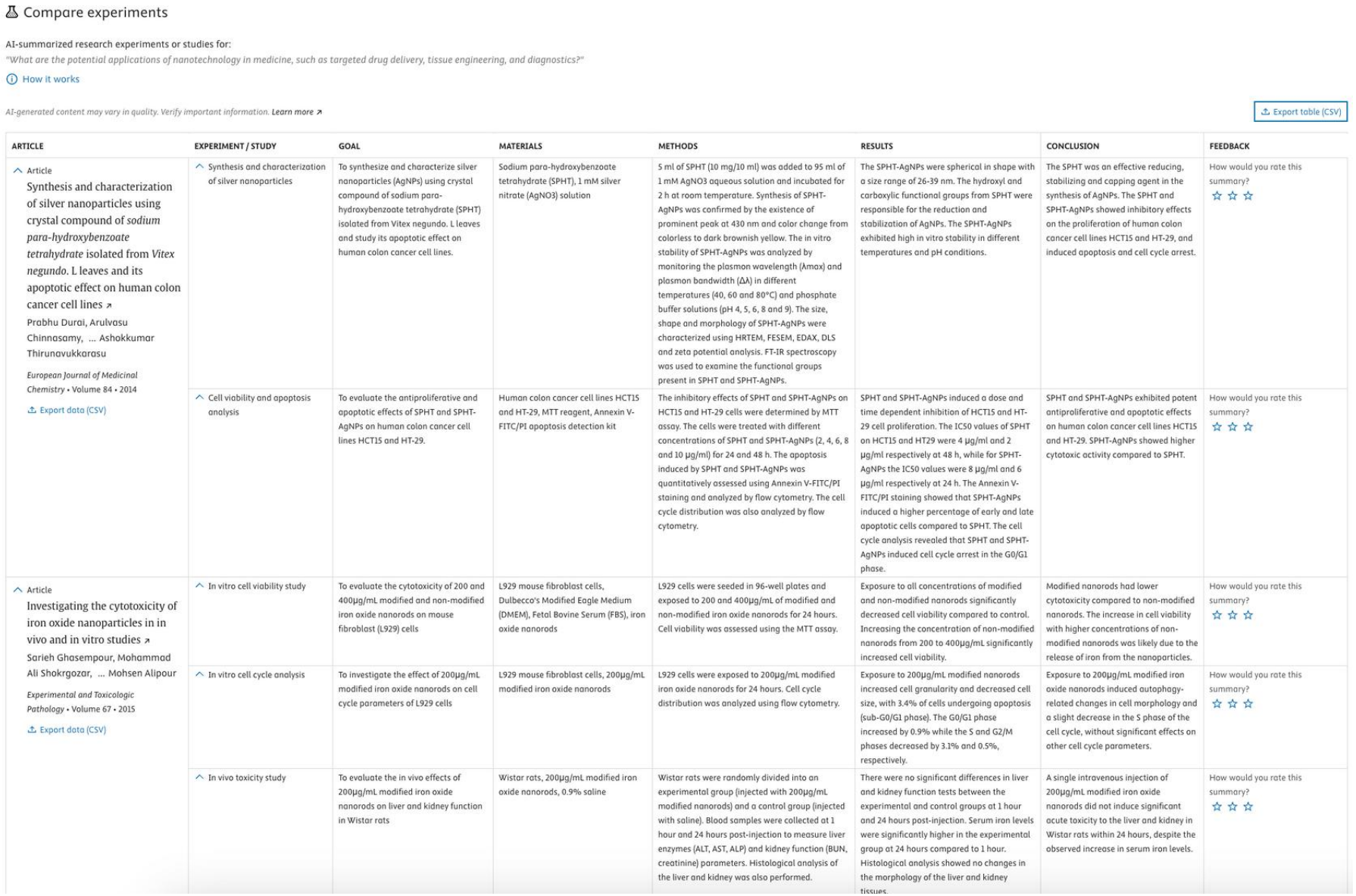
Want to compare?

There's no comparison.

Compare Experiments

Compare results from Ask ScienceDirect AI.

Download the compare experiments in CSV format.



Compare experiments

AI-summarized research experiments or studies for:

"What are the potential applications of nanotechnology in medicine, such as targeted drug delivery, tissue engineering, and diagnostics?"

How it works

AI-generated content may vary in quality. Verify important information. Learn more ↗

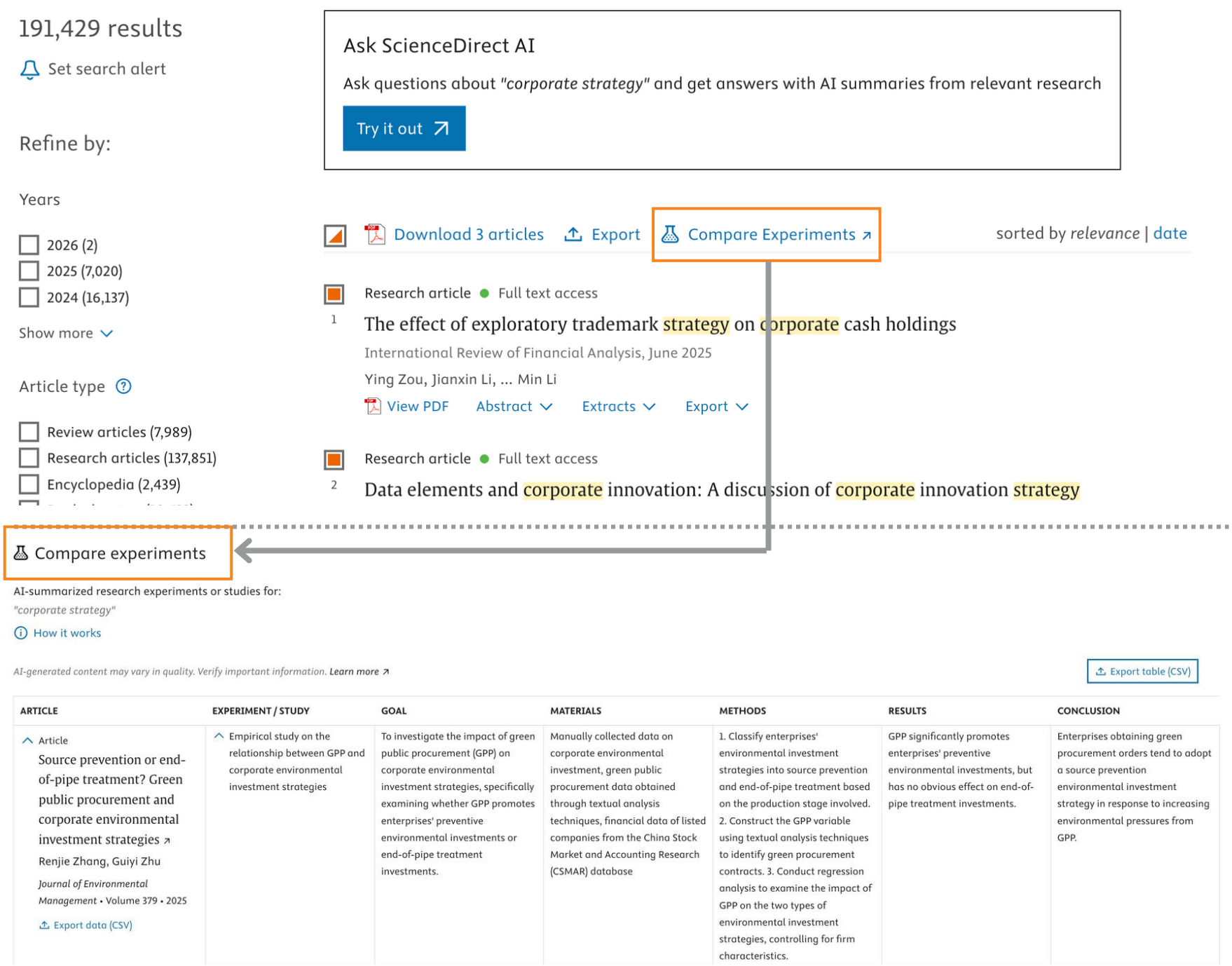
Export table (CSV)

ARTICLE	EXPERIMENT / STUDY	GOAL	MATERIALS	METHODS	RESULTS	CONCLUSION	FEEDBACK
Article Synthesis and characterization of silver nanoparticles using crystal compound of *sodium para-hydroxybenzoate tetrahydrate* isolated from *Vitex negundo*. L leaves and its apoptotic effect on human colon cancer cell lines ↗ Prabhu Durai, Arulvasu Chinnasamy, ... Ashokkumar Thirunavukkarasu *European Journal of Medicinal Chemistry* • Volume 84 • 2014 Export data (CSV)	Synthesis and characterization of silver nanoparticles	To synthesize and characterize silver nanoparticles (AgNPs) using crystal compound of sodium para-hydroxybenzoate tetrahydrate (SPHT) isolated from Vitex negundo. L leaves and study its apoptotic effect on human colon cancer cell lines.	Sodium para-hydroxybenzoate tetrahydrate (SPHT), 1 mM silver nitrate (AgNO3) solution	5 ml of SPHT (10 mg/10 ml) was added to 95 ml of 1 mM AgNO3 aqueous solution and incubated for 2 h at room temperature. Synthesis of SPHT-AgNPs was confirmed by the existence of prominent peak at 430 nm and color change from colorless to dark brownish yellow. The in vitro stability of SPHT-AgNPs was analyzed by monitoring the plasmon wavelength (λmax) and plasmon bandwidth (Δλ) in different temperatures (40, 60 and 80°C) and phosphate buffer solutions (pH 4, 5, 6, 8 and 9). The size, shape and morphology of SPHT-AgNPs were characterized using HRTEM, FESEM, EDAX, DLS and zeta potential analysis. FT-IR spectroscopy was used to examine the functional groups present in SPHT and SPHT-AgNPs.	The SPHT-AgNPs were spherical in shape with a size range of 26-39 nm. The hydroxyl and carboxylic functional groups from SPHT were responsible for the reduction and stabilization of AgNPs. The SPHT-AgNPs exhibited high in vitro stability in different temperatures and pH conditions.	The SPHT was an effective reducing, stabilizing and capping agent in the synthesis of AgNPs. The SPHT and SPHT-AgNPs showed inhibitory effects on the proliferation of human colon cancer cell lines HCT15 and HT-29, and induced apoptosis and cell cycle arrest.	How would you rate this summary? ☆ ☆ ☆
	Cell viability and apoptosis analysis	To evaluate the antiproliferative and apoptotic effects of SPHT and SPHT-AgNPs on human colon cancer cell lines HCT15 and HT-29.	Human colon cancer cell lines HCT15 and HT-29, MTT reagent, Annexin V-FITC/PI apoptosis detection kit	The inhibitory effects of SPHT and SPHT-AgNPs on HCT15 and HT-29 cells were determined by MTT assay. The cells were treated with different concentrations of SPHT and SPHT-AgNPs (2, 4, 6, 8 and 10 μg/ml) for 24 and 48 h. The apoptosis induced by SPHT and SPHT-AgNPs was quantitatively assessed using Annexin V-FITC/PI staining and analyzed by flow cytometry. The cell cycle distribution was also analyzed by flow cytometry.	SPHT and SPHT-AgNPs induced a dose and time dependent inhibition of HCT15 and HT-29 cell proliferation. The IC50 values of SPHT on HCT15 and HT29 were 4 μg/ml and 2 μg/ml respectively at 48 h, while for SPHT-AgNPs the IC50 values were 8 μg/ml and 6 μg/ml respectively at 24 h. The Annexin V-FITC/PI staining showed that SPHT-AgNPs induced a higher percentage of early and late apoptotic cells compared to SPHT. The cell cycle analysis revealed that SPHT and SPHT-AgNPs induced cell cycle arrest in the G0/G1 phase.	SPHT and SPHT-AgNPs exhibited potent antiproliferative and apoptotic effects on human colon cancer cell lines HCT15 and HT-29. SPHT-AgNPs showed higher cytotoxic activity compared to SPHT.	How would you rate this summary? ☆ ☆ ☆
Article Investigating the cytotoxicity of iron oxide nanoparticles in in vivo and in vitro studies ↗ Sarieh Ghasempour, Mohammad Ali Shokrgozar, ... Mohsen Alipour *Experimental and Toxicologic Pathology* • Volume 67 • 2015 Export data (CSV)	In vitro cell viability study	To evaluate the cytotoxicity of 200 and 400μg/mL modified and non-modified iron oxide nanorods on mouse fibroblast (L929) cells	L929 mouse fibroblast cells, Dulbecco's Modified Eagle Medium (DMEM), Fetal Bovine Serum (FBS), iron oxide nanorods	L929 cells were seeded in 96-well plates and exposed to 200 and 400μg/mL of modified and non-modified iron oxide nanorods for 24 hours. Cell viability was assessed using the MTT assay.	Exposure to all concentrations of modified and non-modified nanorods significantly decreased cell viability compared to control. Increasing the concentration of non-modified nanorods from 200 to 400μg/mL significantly increased cell viability.	Modified nanorods had lower cytotoxicity compared to non-modified nanorods. The increase in cell viability with higher concentrations of non-modified nanorods was likely due to the release of iron from the nanoparticles.	How would you rate this summary? ☆ ☆ ☆
	In vitro cell cycle analysis	To investigate the effect of 200μg/mL modified iron oxide nanorods on cell cycle parameters of L929 cells	L929 mouse fibroblast cells, 200μg/mL modified iron oxide nanorods	L929 cells were exposed to 200μg/mL modified iron oxide nanorods for 24 hours. Cell cycle distribution was analyzed using flow cytometry.	Exposure to 200μg/mL modified nanorods increased cell granularity and decreased cell size, with 3.4% of cells undergoing apoptosis (sub-G0/G1 phase). The G0/G1 phase increased by 0.9% while the S and G2/M phases decreased by 3.1% and 0.5%, respectively.	Exposure to 200μg/mL modified iron oxide nanorods induced autophagy-related changes in cell morphology and a slight decrease in the S phase of the cell cycle, without significant effects on other cell cycle parameters.	How would you rate this summary? ☆ ☆ ☆
	In vivo toxicity study	To evaluate the in vivo effects of 200μg/mL modified iron oxide nanorods on liver and kidney function in Wistar rats	Wistar rats, 200μg/mL modified iron oxide nanorods, 0.9% saline	Wistar rats were randomly divided into an experimental group (injected with 200μg/mL modified nanorods) and a control group (injected with saline). Blood samples were collected at 1 hour and 24 hours post-injection to measure liver enzymes (ALT, AST, ALP) and kidney function (BUN, creatinine) parameters. Histological analysis of the liver and kidney was also performed.	There were no significant differences in liver and kidney function tests between the experimental and control groups at 1 hour and 24 hours post-injection. Serum iron levels were significantly higher in the experimental group at 24 hours compared to 1 hour. Histological analysis showed no changes in the morphology of the liver and kidney tissues.	A single intravenous injection of 200μg/mL modified iron oxide nanorods did not induce significant acute toxicity to the liver and kidney in Wistar rats within 24 hours, despite the observed increase in serum iron levels.	How would you rate this summary? ☆ ☆ ☆

Compare Experiments

Compare results from Keyword Search Results.

Download the compare experiments in CSV format.



Third,

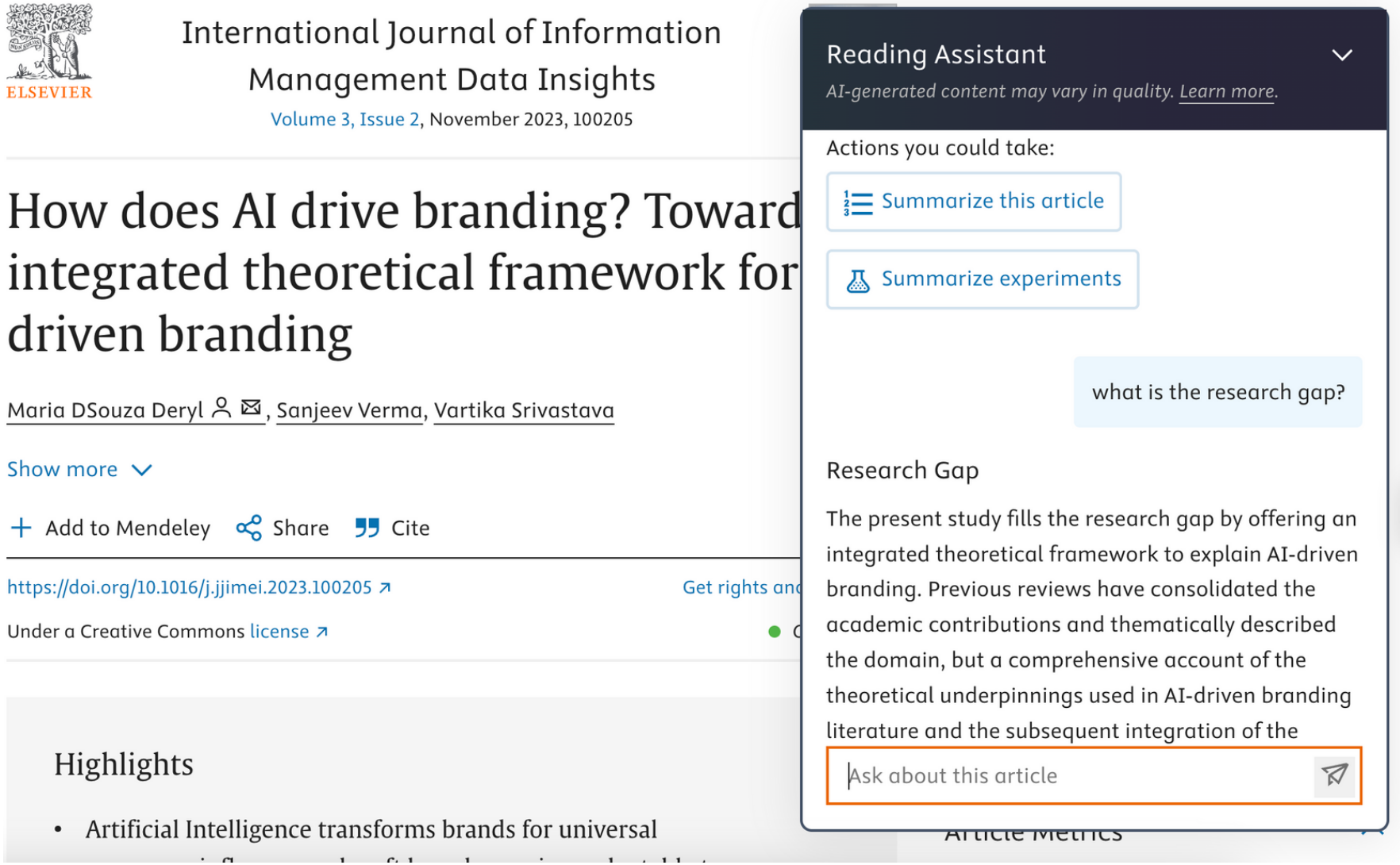
Understand entire article content is not always easy.

We get it.

Reading Assistant

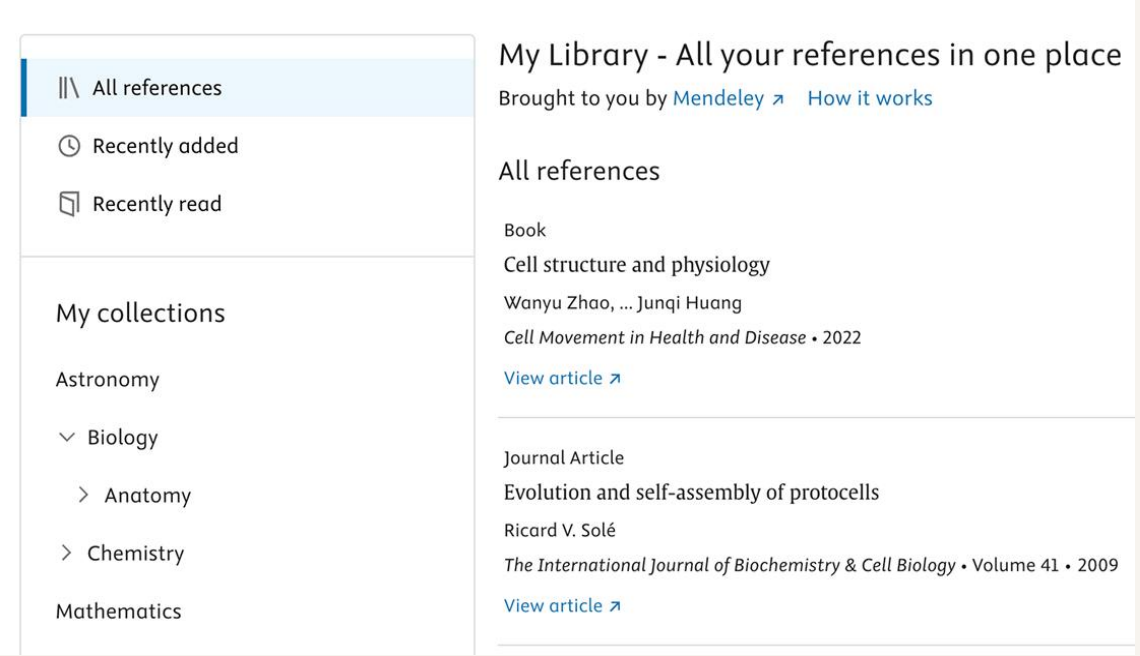
Chat with Reading Assistant as you open an article of books chapter.

Ask follow-up questions, and then more follow-up questions.



Deep dive: My Library

- **Functionality:**
  - Reference space to save and view papers discovered using ScienceDirect AI
  - Any citations saved via My library will also be accessible through Mendeley and vice-versa
  - You can access My Library using the floating AI widget
- **The results:**
  - View all citations in a single place for easier reference management
  - Navigate between finding relevant scientific literature and reviewing your citations seamlessly
- **Use cases:**
  - Saving citations to review later
  - Collecting relevant citations for a literature review
  - Keep track of and organize citations saved over time



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– Faculty member, Hong Kong

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– Postdoctoral Researcher, Netherlands

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"ScienceDirect's AI tool has transformed the way I work. Amidst AI tools that hallucinate or provide false information, this tool stands out for its precision. The quality of information spares me hours of search. Its effectiveness has allowed me to expand the scope of my research projects, investigate more diverse lines of research and produce superior work.”
- Professor Paulo Botelho Pires, Porto Accounting and Business School, Porto Institute, Portugal, Spain

ScienceDirect AI index – high-quality, full-text content

The ScienceDirect AI index contains versions of record of over 14 million peer-reviewed articles and book chapters. Here is a breakdown of the content:

From Elsevier:

- **Size:** 12.5 million documents, of which:
  - 10M articles, book series, handbooks and MRWs
  - 1.9M society-owned articles
  - approx. 500.000 chapters from over 42.000 books published by Elsevier
- **Type of articles:**
  - English-language content in XML format, no articles with embedded PDFs.
  - Articles types included: Full Length Article, Review Article, Book Chapter, Short Communication, Short Review, Case Report, Discussion, Protocol.
- **Types of book chapters:**
  - English-language scientific books across areas of Life, Physical and Social sciences.
  - Document types: monographs, series volumes, serials, major reference works and textbooks from legacy to current, up-to-date releases.

From other publishers (non-Elsevier)

- **Size:** ~1.5 million journal articles
- **Characteristics:** Open access (CC-BY) versions of record, from journals indexed in Scopus. Mainly from Health Sciences and some Life Sciences

Not **included:**

Third party partnership content – we only include them when/if they agree to be included and we move them on to a separate agreement.

Does this mean all of the articles in ScienceDirect are included in the index?
No, but most of the articles from 1995 onwards (available in XML format), with some exceptions (some society content was excluded) and some older content where available.

ScienceDirect AI connects unparalleled content, robust, research-focused AI, and powerful features to accelerate discovery, decision-making and innovation

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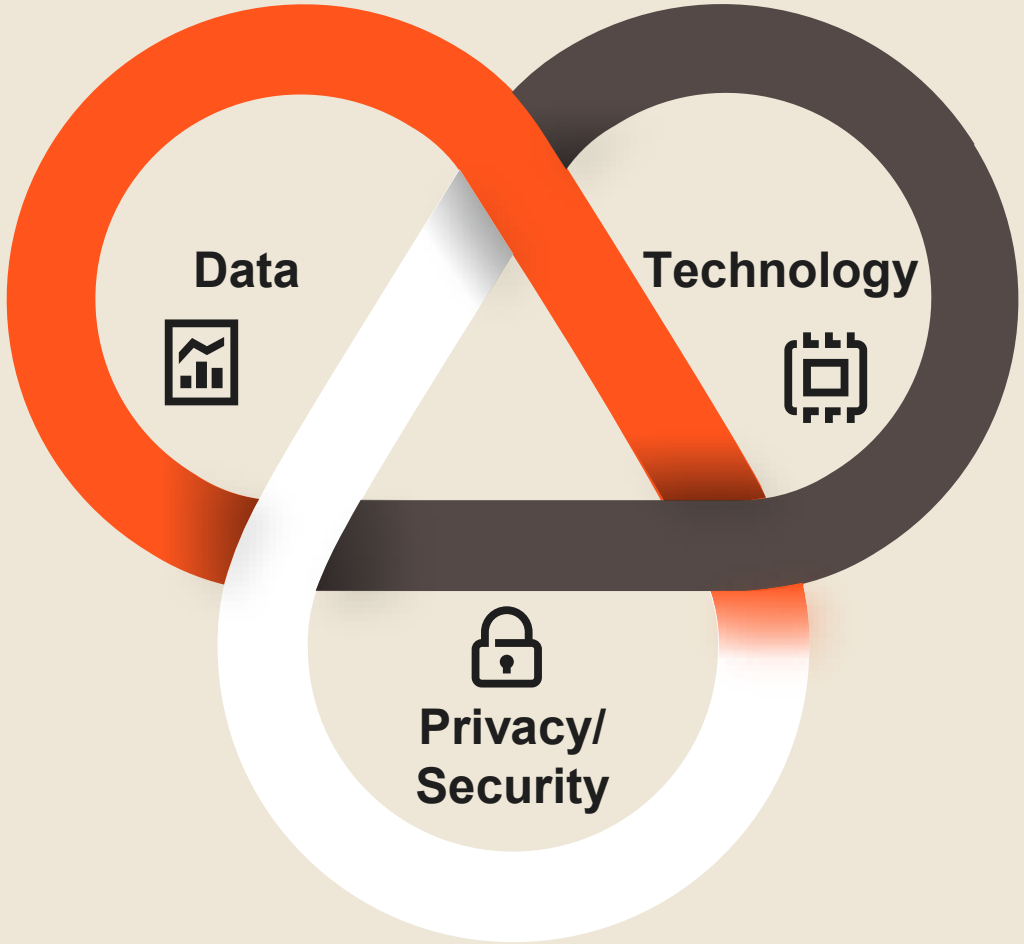

Developed in line with Elsevier's **Responsible AI Principles** and **Privacy Principles** to ensure the highest standards of data privacy and security.

ELSEVIER

Use cases for researchers – from information overload to insights

- **Reviewing literature**
  - Ask complex questions and receive synthesized responses to speed up your literature review process.
  - Get a sense of which papers are likely to contain information helpful to you.
- **Evaluating experiments**
  - Use the Compare Experiments tool to evaluate and compare experiments using one intuitive overview table
- **Identifying relevant content quickly**
  - Use the Reading Assistant to find relevant portions of an article or focus on the data that matters most to you

Resources for more information

ScienceDirect AI is here to elevate your research experience. Start exploring! .

- **Useful links:**
  - ScienceDirect AI Website
  - ScienceDirect AI Video - Transformative Search
  - ScienceDirect AI Video - Compare Experiments
  - ScienceDirect AI video - Reading Assistant
  - ScienceDirect AI – FAQs
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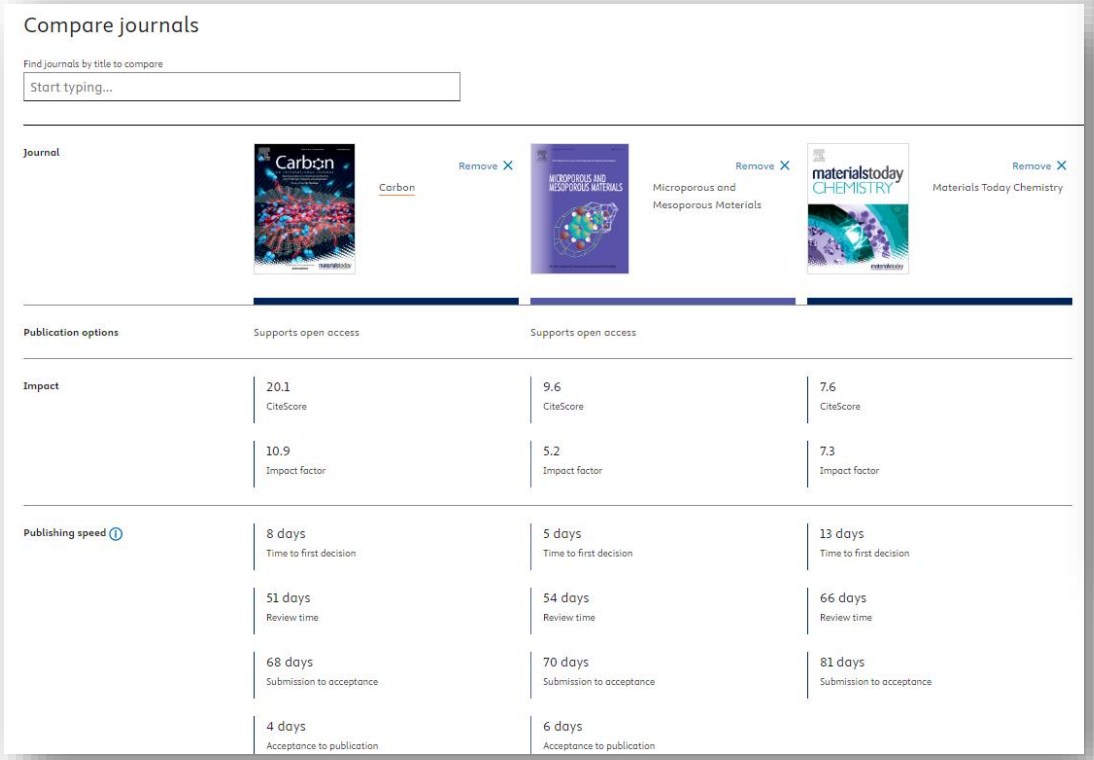
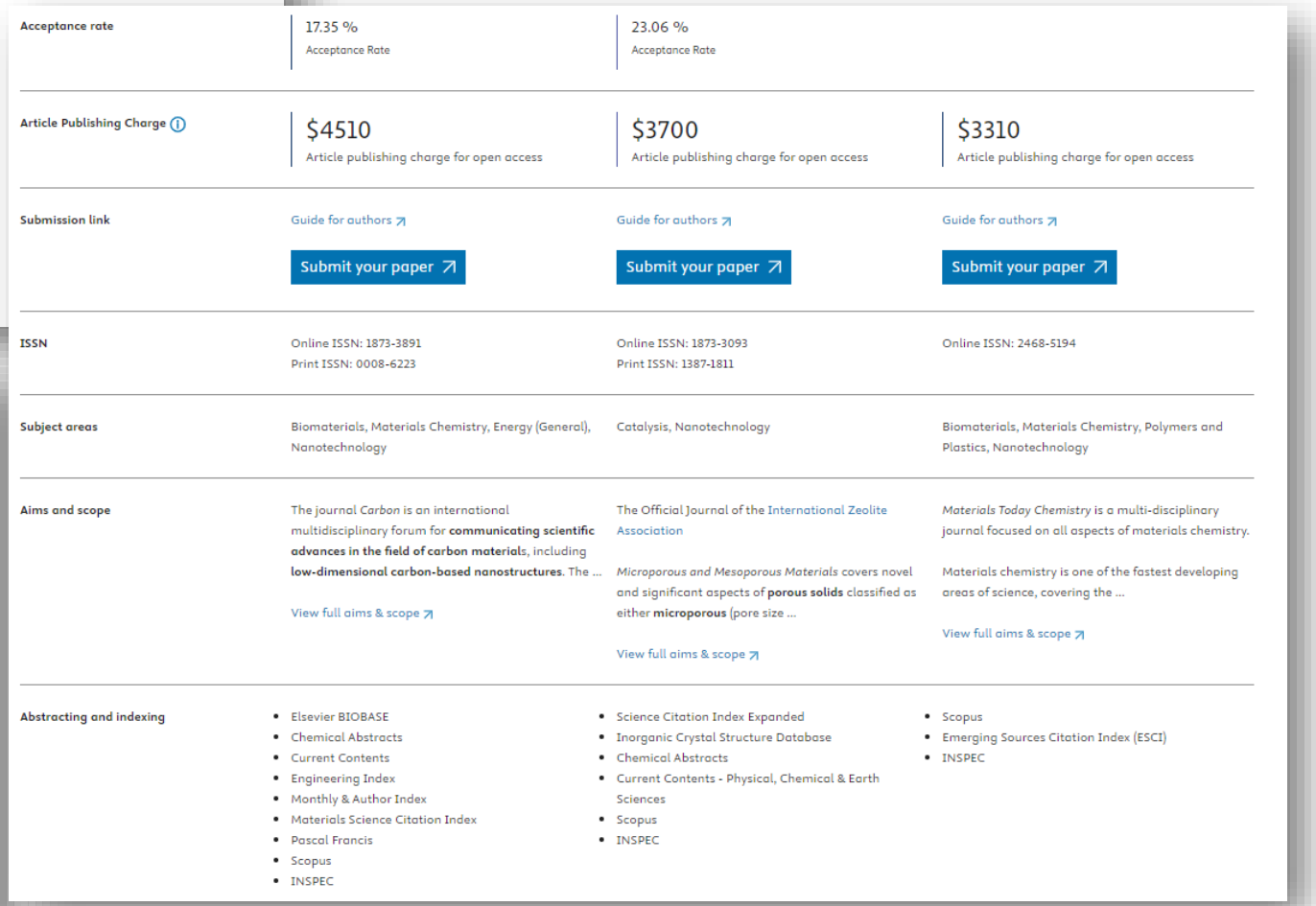




Geographical Pricing for Open Access (GPOA) Pilot details

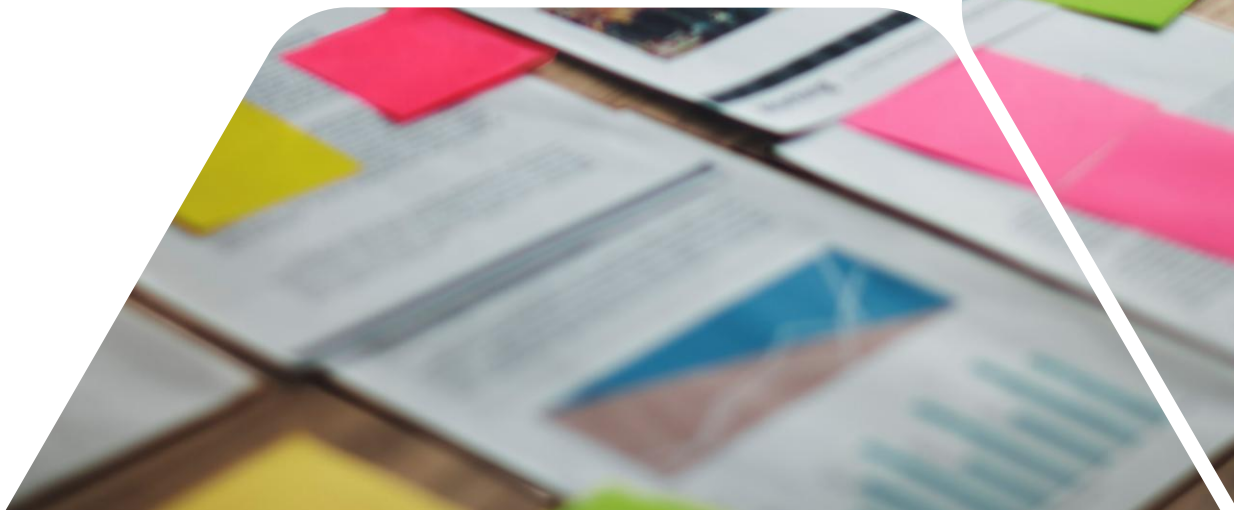
Elsevier is piloting a program from January 2024 to set APC prices for 143 gold open access journals according to the income level of the country of the corresponding author.

- 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

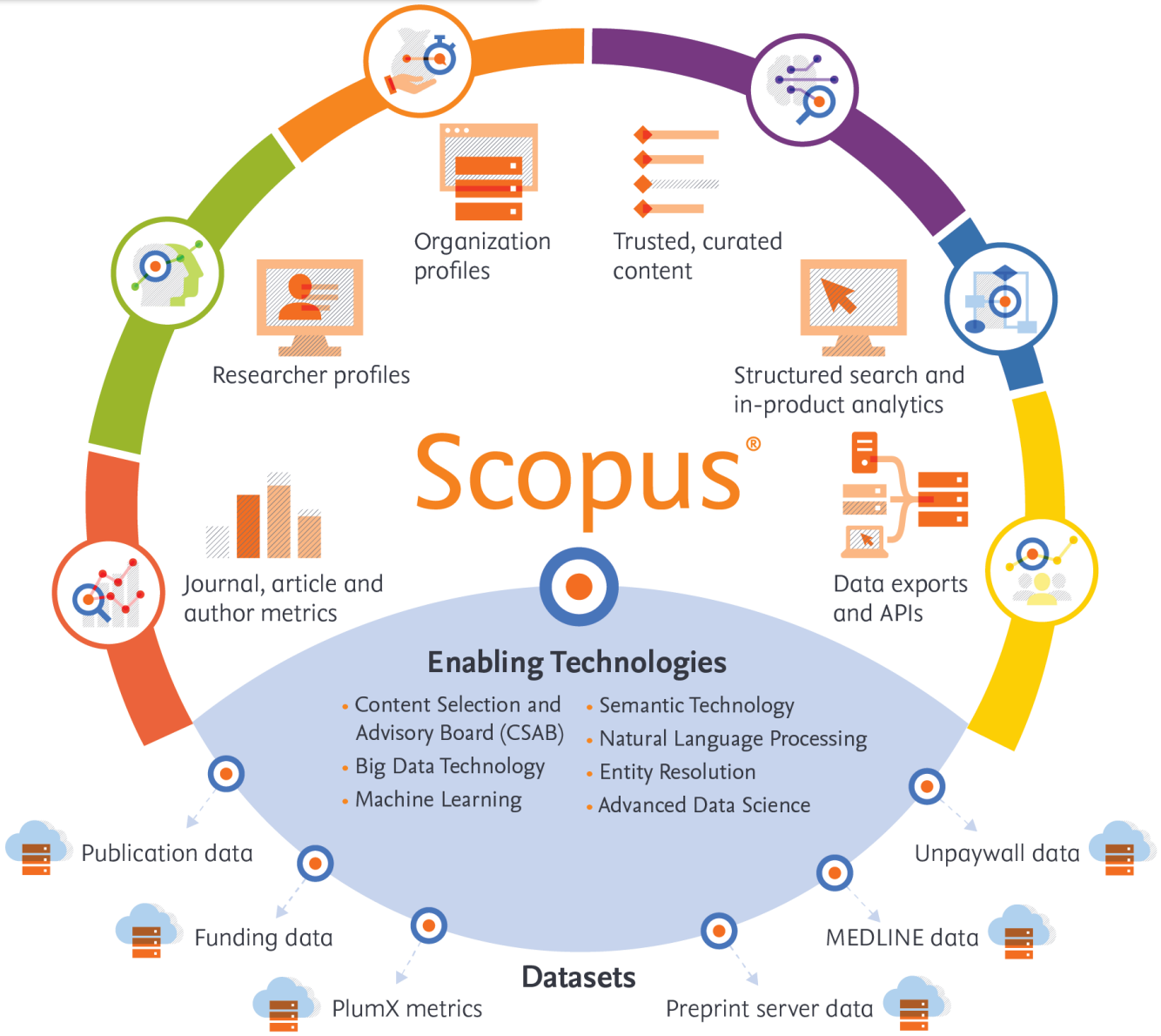
Upper-middle income 1 (45% of APC to be paid)		
Albania	Gabon	North Macedonia
Armenia	Georgia	Paraguay
Azerbaijan	Guatemala	Peru
Belarus	Indonesia	South Africa
Belize	Iraq	Suriname
Botswana	Jamaica	Thailand

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

Introducing to Scopus



Introducing to Scopus



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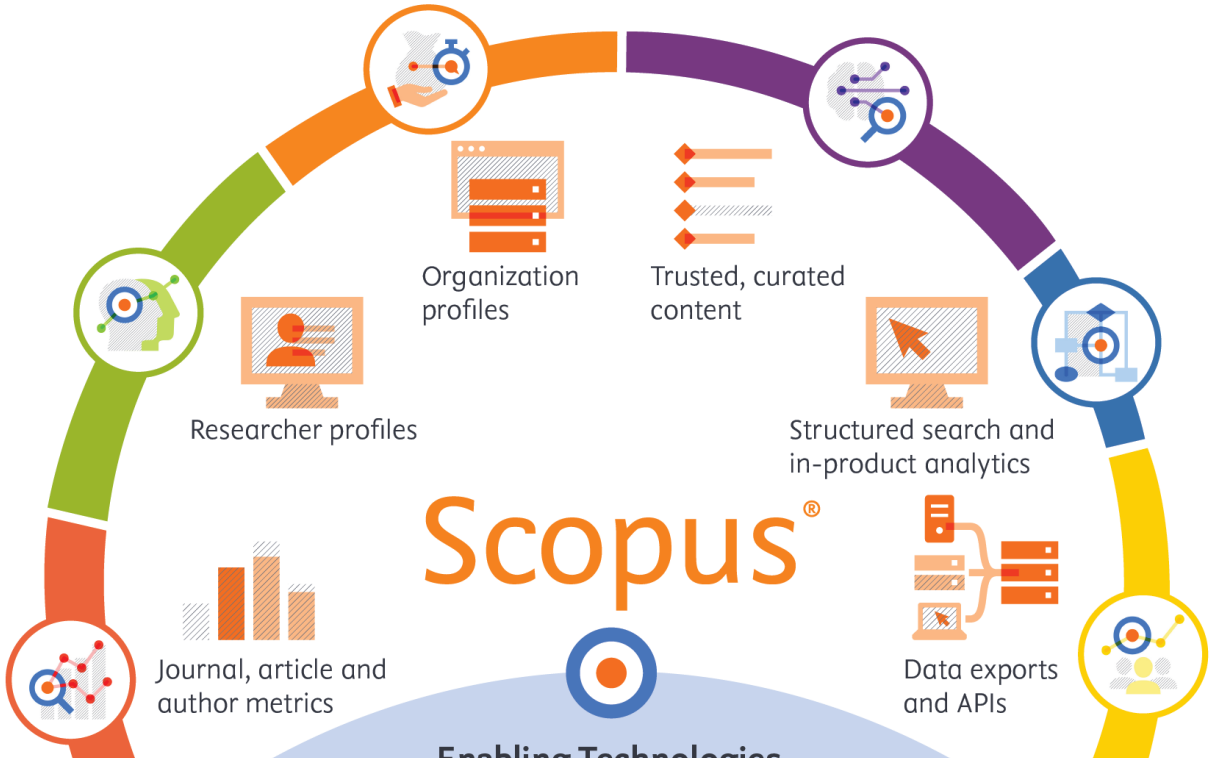

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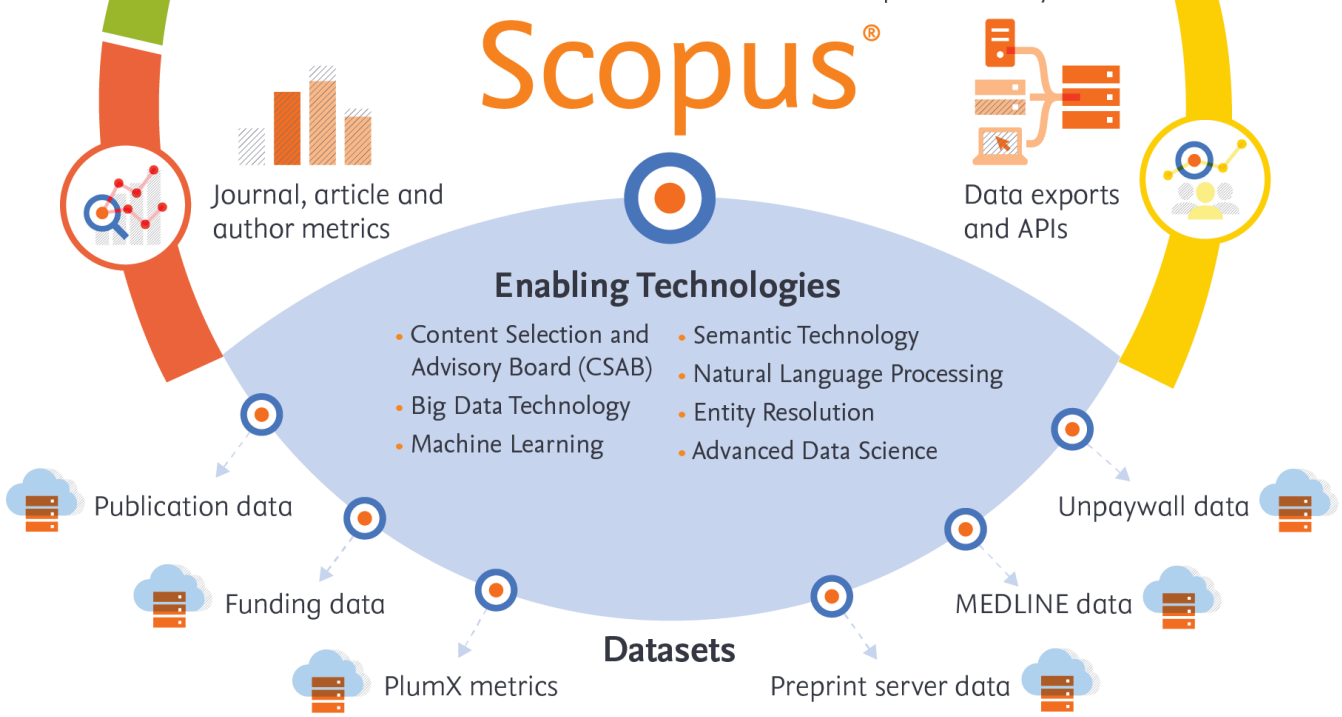
Powerful linked data, disambiguated, connected to key research entities…



…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	Evaluate your research	Reflect your research
	Intuitive, powerful search, with trusted and comprehensive content Insights to help you progress your research with confidence	Powerful linked data, disambiguated, connected to key research entities Insights for comprehensive evaluations you can trust	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
Key Challenges	Teaching next generation researchers Supporting career growth & development Helping research thrive Supporting the scholarly record	Signaling researcher impact Signaling organizational impact	Inform global rankings calculations Inform national and regional assessments Glean insights from custom adaptations and analyses Inform analyses of global and regional research trends Power repositories and RIMS with profile data
Stakeholders	 Librarians · Students · Faculty & researchers · Editors	 Librarians · Heads of department · Faculty & researchers · Research Services	 Librarians · Heads of department · Faculty & researchers · Research Services

Introducing to Scopus

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

24.9+ million
open access items: *gold, hybrid gold, green & bronze*

386+ thousand
books (stand alone titles)

28.9+ thousand
Active Journals

+2.5M
Preprints

7+ thousand
publishers

Scopus®

2.4+ billion
cited references dating back to 1970

99+ million
records

20.5+ million
active author profiles

94+ thousand
affiliation profiles

Identify and analyze which journals to read/submit to

Track and assess a researcher's impact

Decide what, where and with whom to collaborate

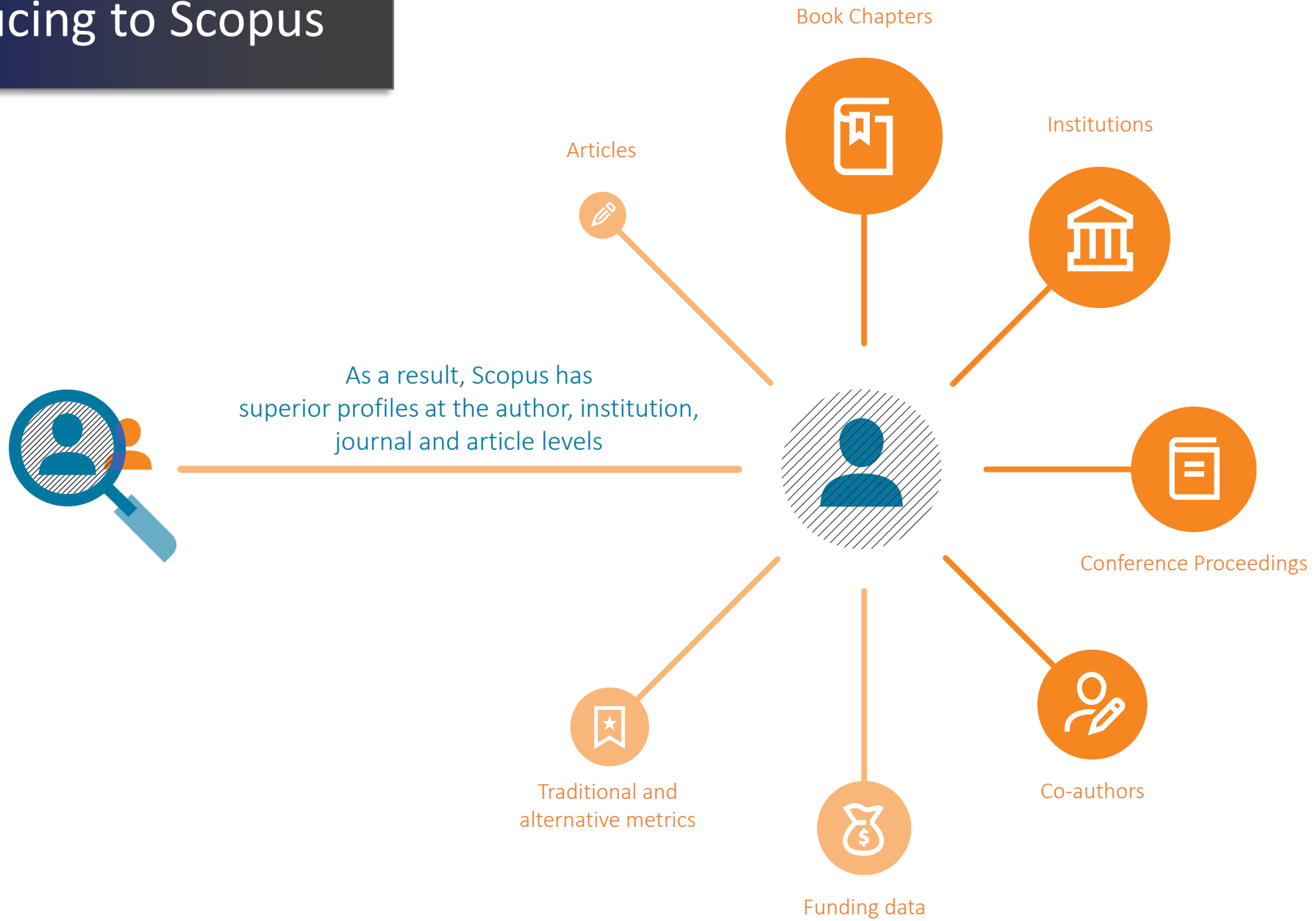
Track impact of research and monitor global research trends

Find the current research; what has been published in a research area

Determine how to differentiate research topics, find ideas

Numbers shown are rounded and current as November 2024. Scopus is updated daily

Introducing to Scopus



Global Representation means global discovery

Comprehensive coverage

Globally sourced

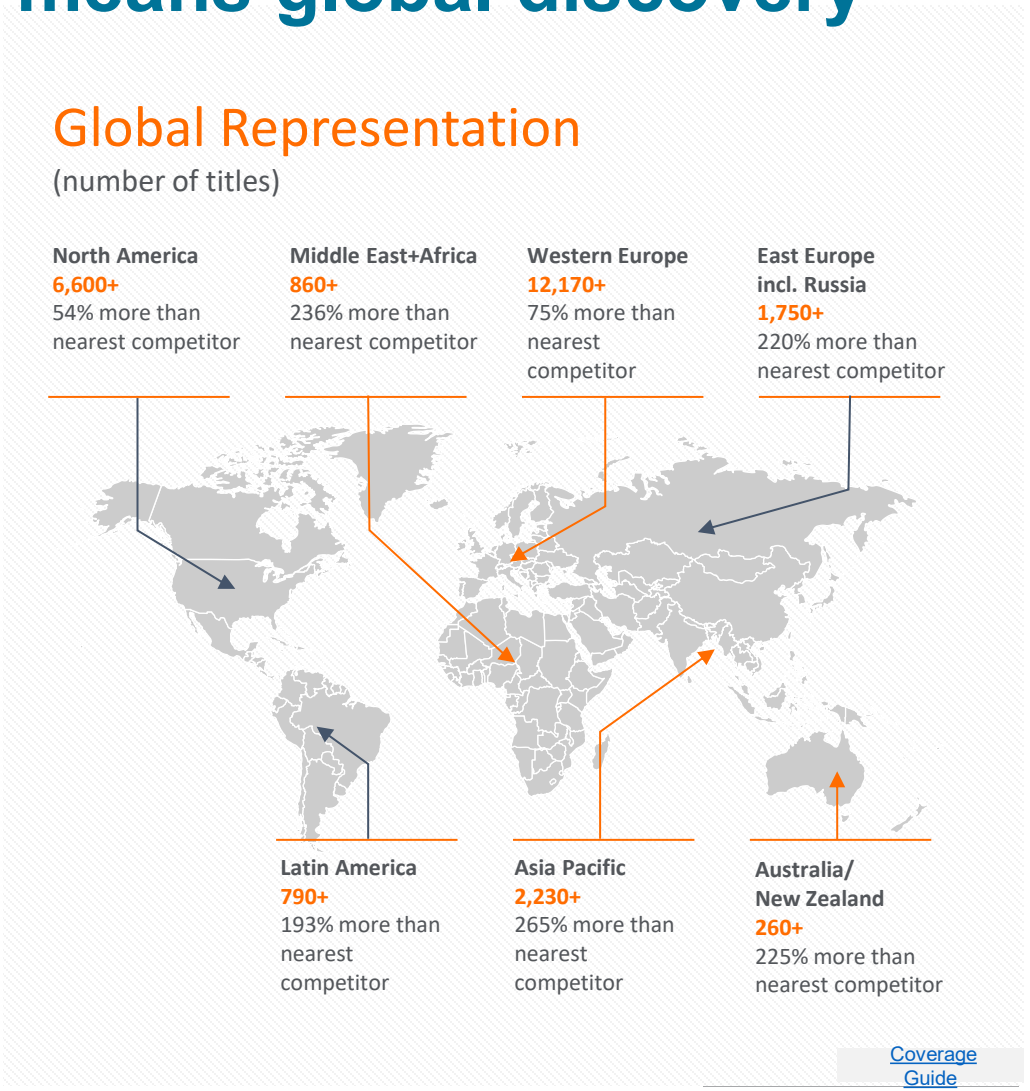
- **7,000+ publishers**
- **105 countries**
- **40 languages**

Format and historically inclusive

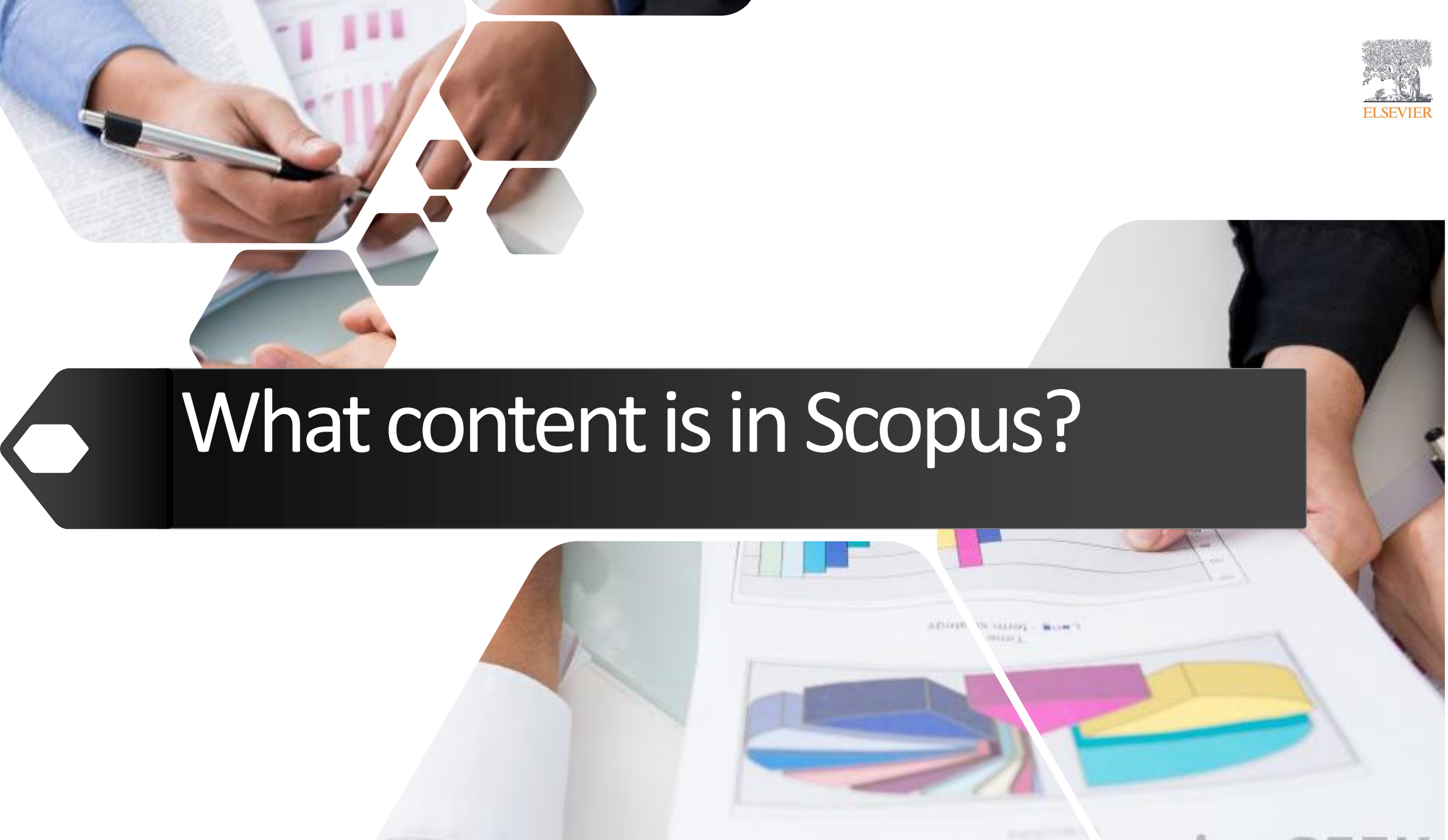
- **50%–230%** more global content
- Historical coverage **back to 1788**
- **18.4 M open access documents**
- Multiple regional content types **(journals, conferences, books, book series)**

Current

- **Updated daily**



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**

Physical sciences
15,634

Health sciences
15,475

Social sciences
16,179

Life sciences
8,379

Journals

28,932** active peer-reviewed journals

186 trade journals

7,911 OA Journals (DOAJ/ROAD)

22.8M fully-indexed funding acknowledgements

- Full metadata, abstracts and cited references (refs post-1970 only)
- Citations back to 1970

Conferences

161K conference events

12.58M conference papers

Mainly Engineering and Computer Sciences

Books

386K stand-alone books

3.44M total book items

Focus on Social Sciences and A&H

Preprints

2.5M preprints

7 preprint servers:

- arXiv
- ChemRxiv
- bioRxiv
- medRxiv
- SSRN
- TechRxiv
- Research Square

*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

Numbers shown are rounded and current as November 2024. Scopus is updated daily

Introducing to Scopus

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

The World Bank

Reach NC

New Jersey Economic Development Authority

MD Anderson

National Science Foundation

CAPES Brazil

UK BIS

Queen's University Belfast

STINT

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IISER

TCI-Thailand

Peking University

NRF-Korea

Keio University

Nanyang Technologica University

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FCT Portugal

Danish BFI

Italy ANVUR

Germany IFQ

Kiel University

Nigerian Government

Gazi University

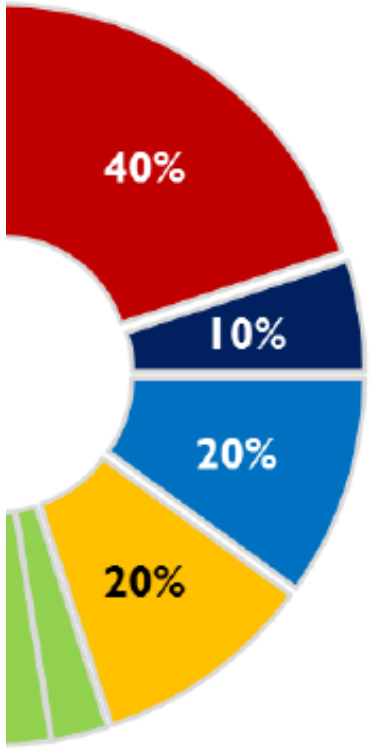
Rankings Organizations

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

Publication and citation data from Scopus is used

Citations per faculty (20%)
Citation counts from last five years considered
Citation data source: Scopus
Author self-citations excluded
Normalised by staff FTE figures

Scopus

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

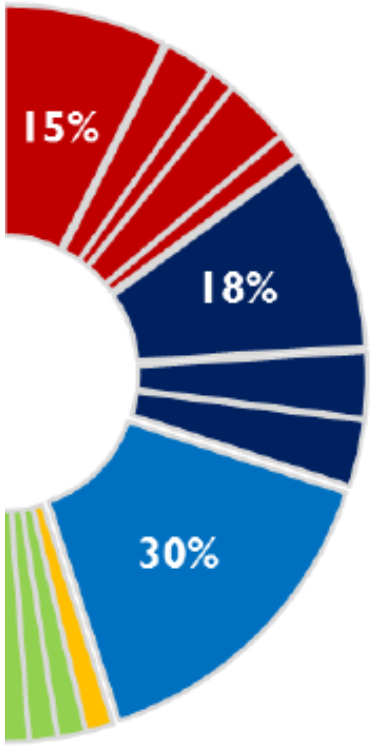
https://www.topuniversities.com/qs-world-university-rankings/methodology

World university rankings – THE

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

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*

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Professor David Nelken
King's College London
United Kingdom
CSAB Chair – Law, Crime, Criminology and Criminal Justice

Professor Chris van Kessel
University of California
USA
CSAB Chair - Agriculture and Biological Sciences

Searching Scopus - Demonstration

Research Workflow

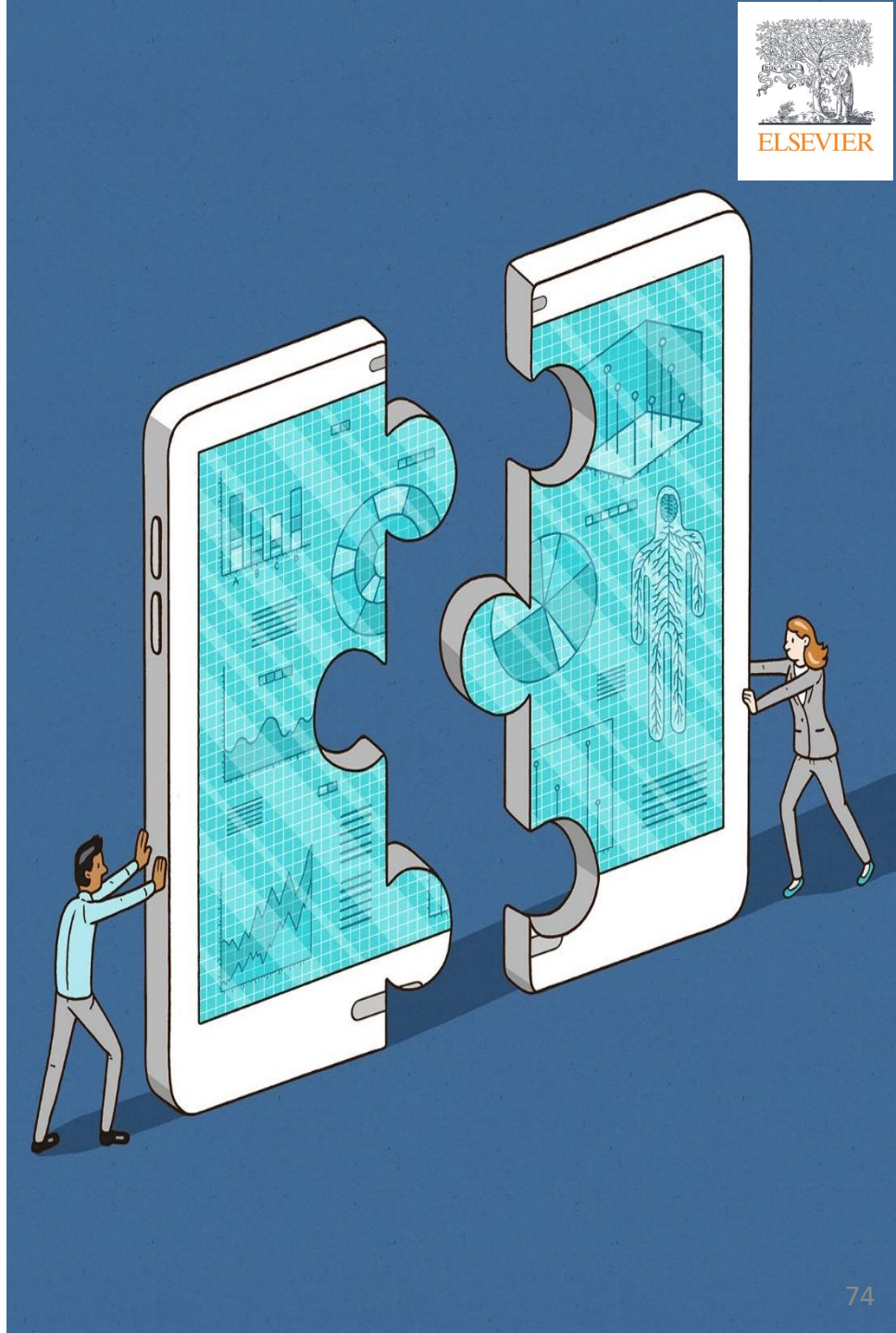
	Reasoning	Idea	Planning	Designing	Writing	Publishing	Promoting	Tracking	Research Data Management
Main Question(s)	• Why research is important? • Why I have to make thesis/dissertation • What skills required as new researchers?	• How to understand research topics? • How to find research trends? • How 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



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YK

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Exploring Literature

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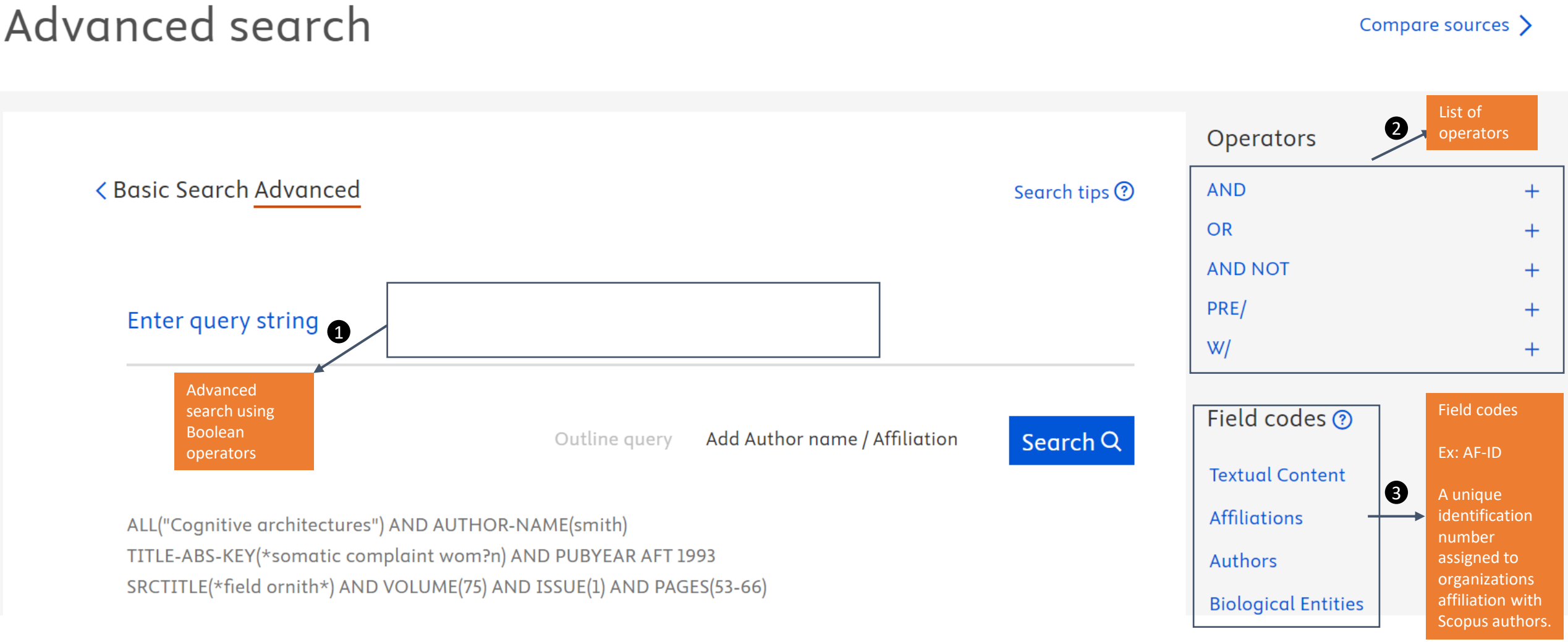
Advance search



Advanced Search: the Rules

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

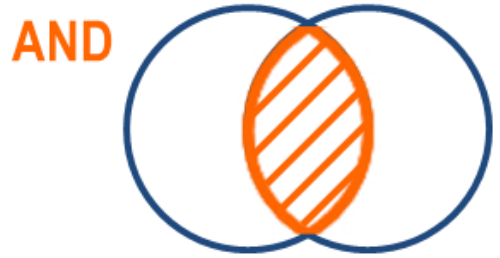
Boolean Operators

- 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

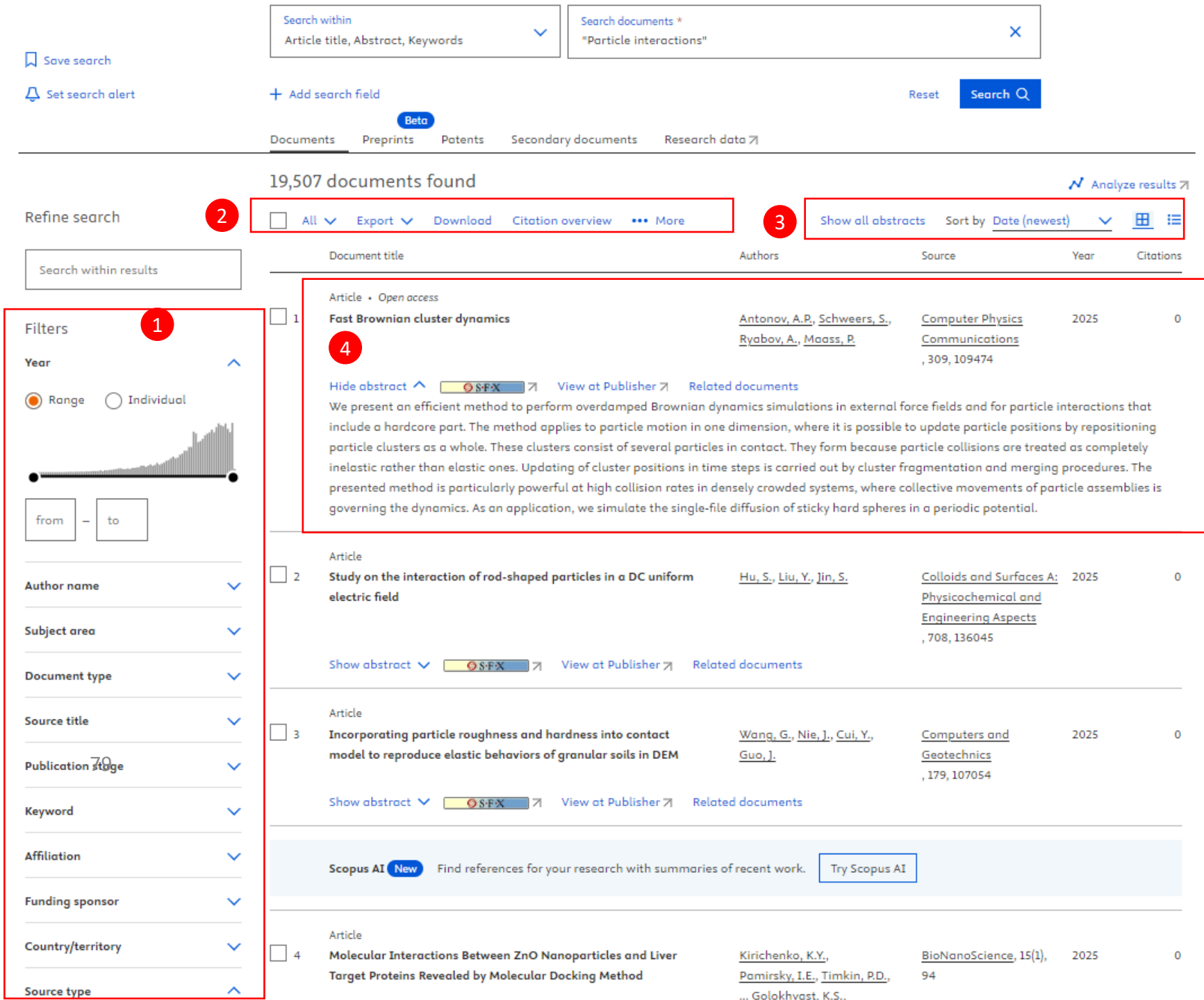
  Excludes documents that include the specified term from the search.

  It must be used at the end of a search.

  e.g. e-learning AND NOT computer science

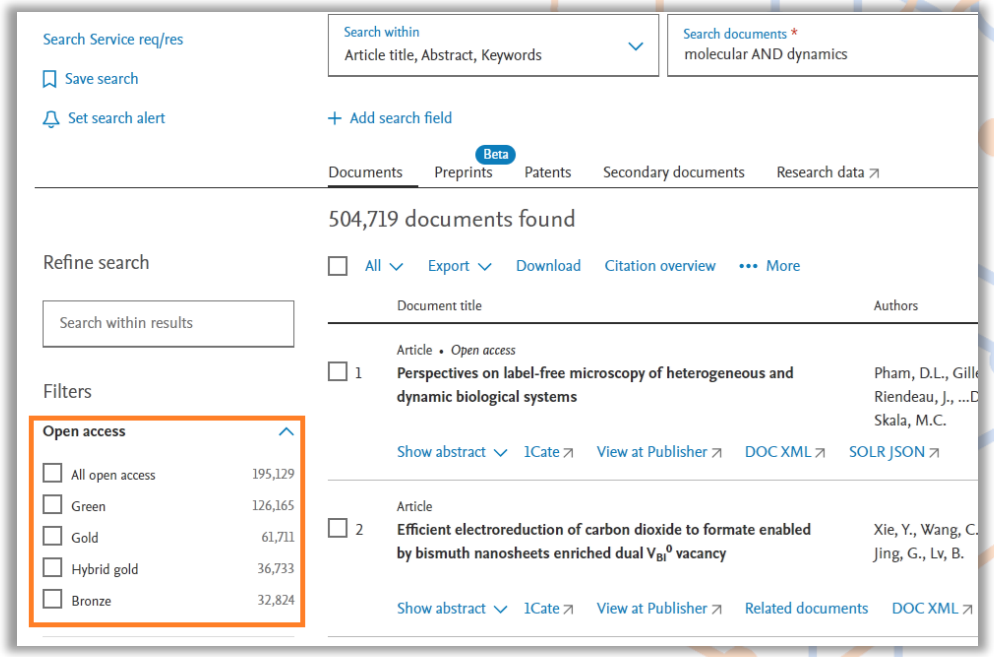
Exploring Literature

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	
Gold	Gold (Open Access-only journal)	Published version with Creative Commons license, available on publisher platform. Documents are in journals which only publish open access
Hybrid Gold	Gold (hybrid journal)	Published version with Creative Commons license, available on publisher platform. Documents are in journals which provide authors the choice of publishing open access
Bronze	Other free-to-read at Publisher	Published version of record or manuscript accepted for publication, for which the publisher has chosen to provide temporary or permanent free access. As these documents would normally only be available to subscribers, no Creative Commons license is attached.
Green	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

Exploring Literature

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Source type
Journal

ISSN
00104655

DOI
10.1016/j.cpc.2024.109474

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Author/Article Information

Fast Brownian cluster dynamics

Antonov, Alexander P.[a, b] ; Schweers, Sören[a] ;
Ryabov, Artem[c] ; Maass, Philipp[a]
Save all to author list

[a] Universität Osnabrück, Fachbereich Mathematik/Informatik/Physik, Institut für Physik, Barbarastraße 7, Osnabrück, D-49076, Germany

[b] Institut für Theoretische Physik II: Weiche Materie, Heinrich-Heine-Universität Düsseldorf, Universitätsstraße 1, Düsseldorf, D-40225, Germany

[c] 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 and Keywords of the articles

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

Related documents

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(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
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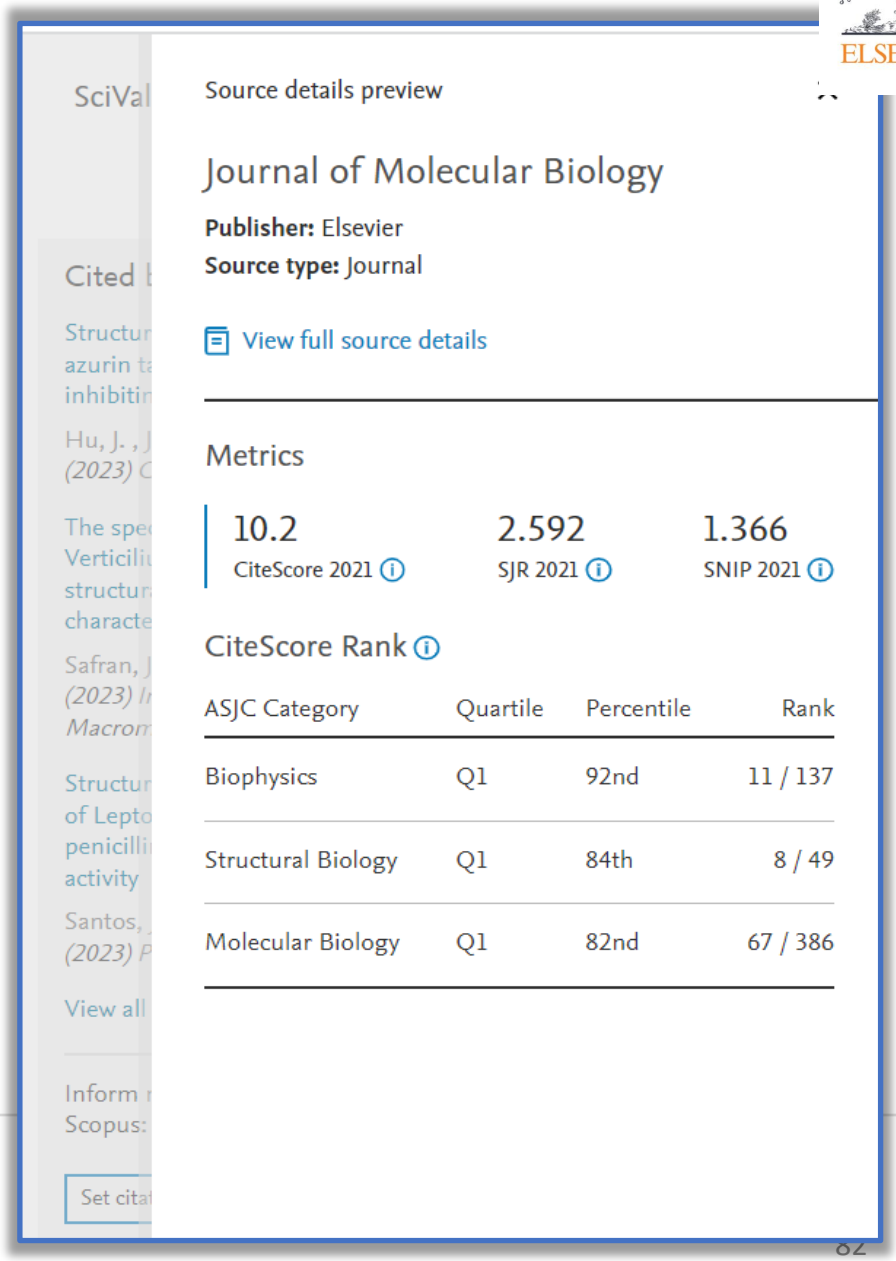
  - Journal's quartile, percentile and ranks for each ASJC (All Science Journal Classification) category that the journal belongs to

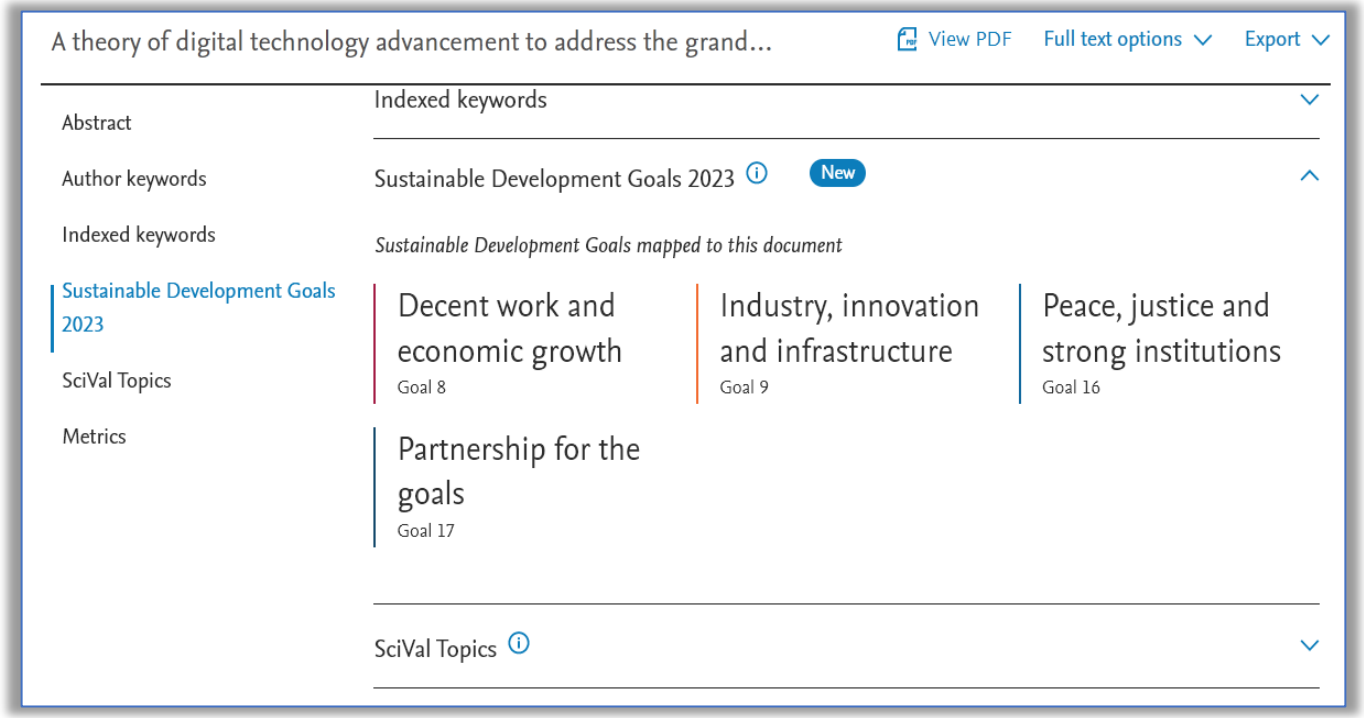


Sustainable Development Goal (SDGs)

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”.



Scopus Journal and Articles Metrics

Scopus Journal Metrics

Journal Metrics in Scopus

Powered by Scopus

ELSEVIER

Universiteit Leiden

Scimago Lab

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.

Article Metric as PlumX

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)

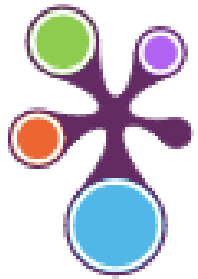
CITATIONS
(citation indexes, patent citations, clinical citations)

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





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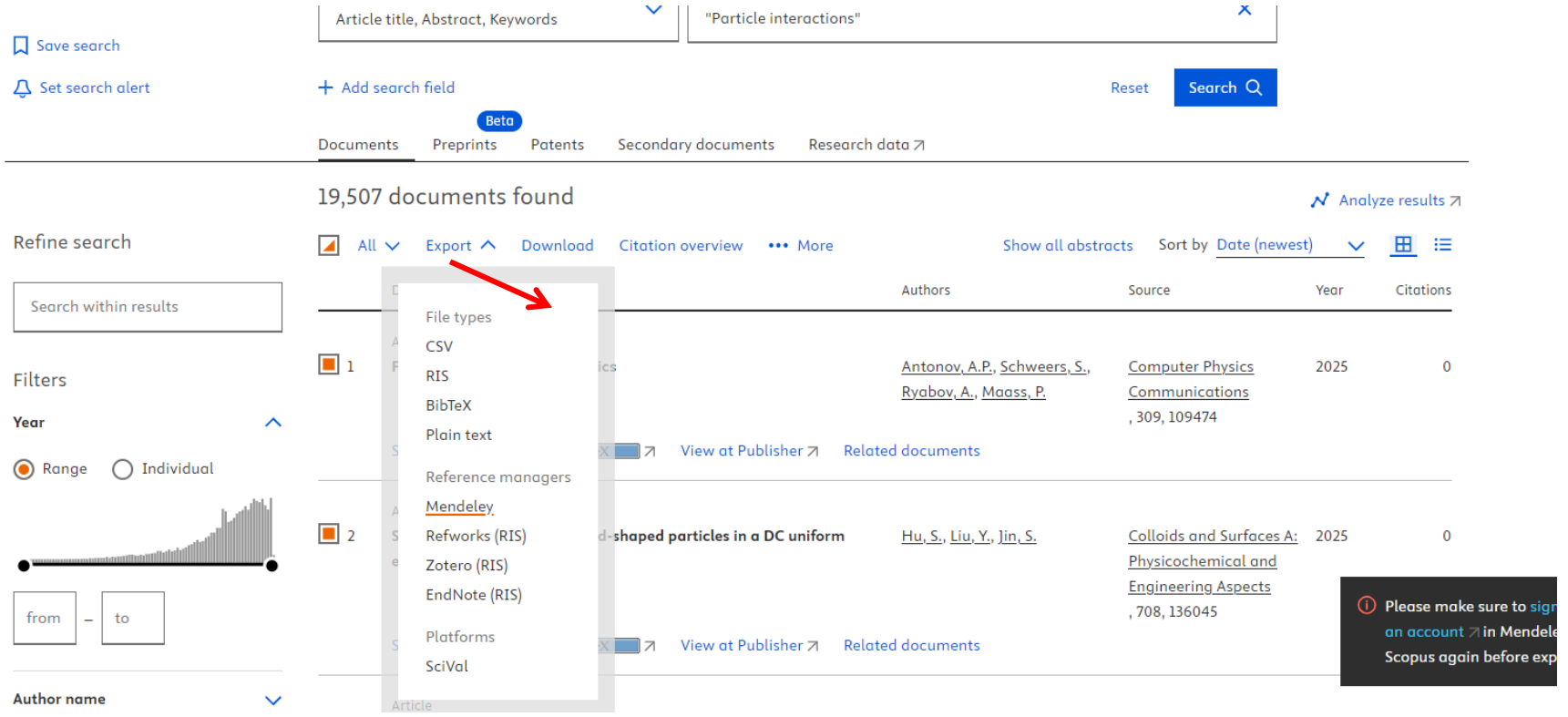

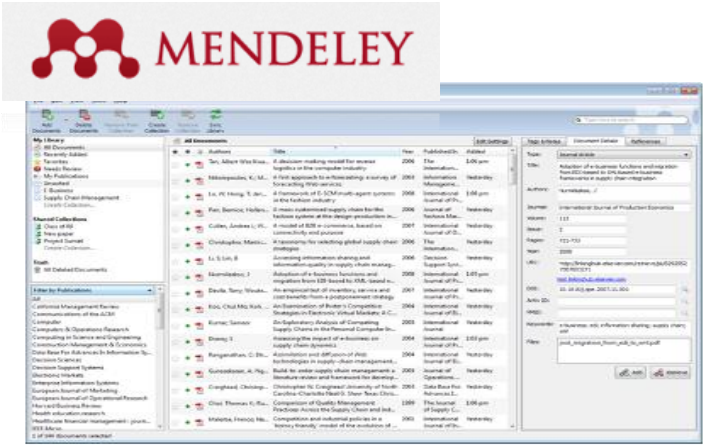

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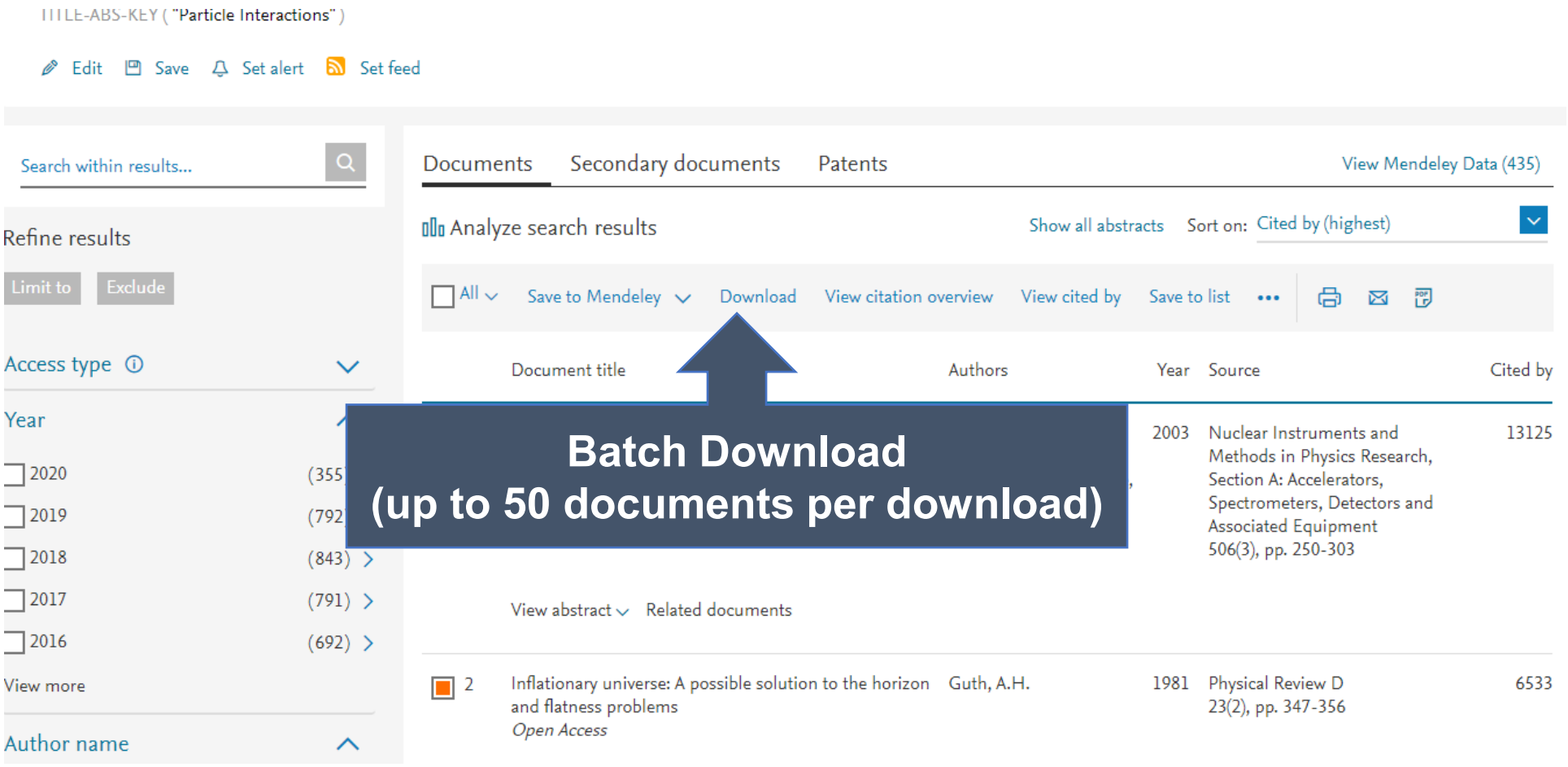
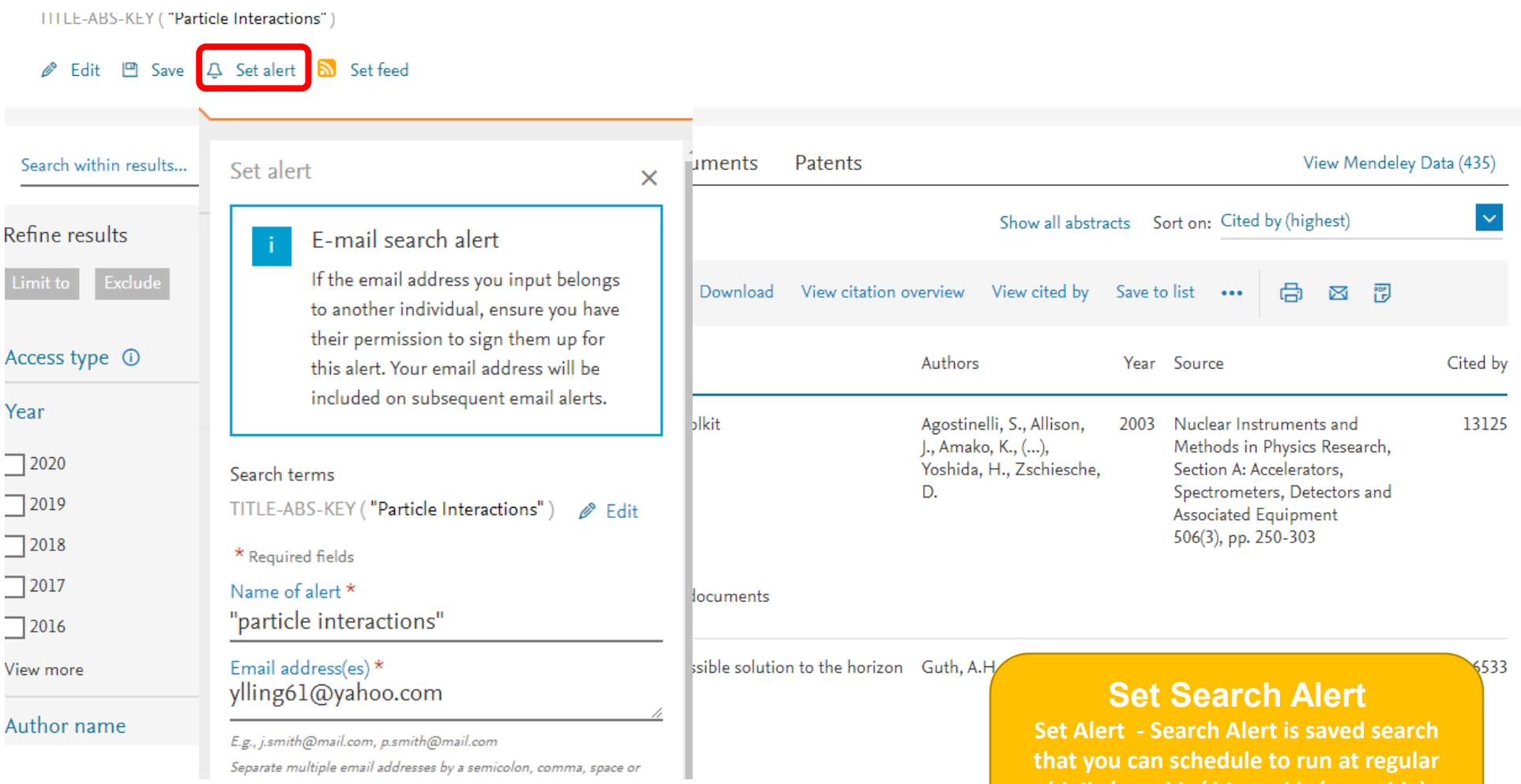


Setting up Search Alerts



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

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TITLE-ABS-KEY ("Particle Interactions")

15,583 document results

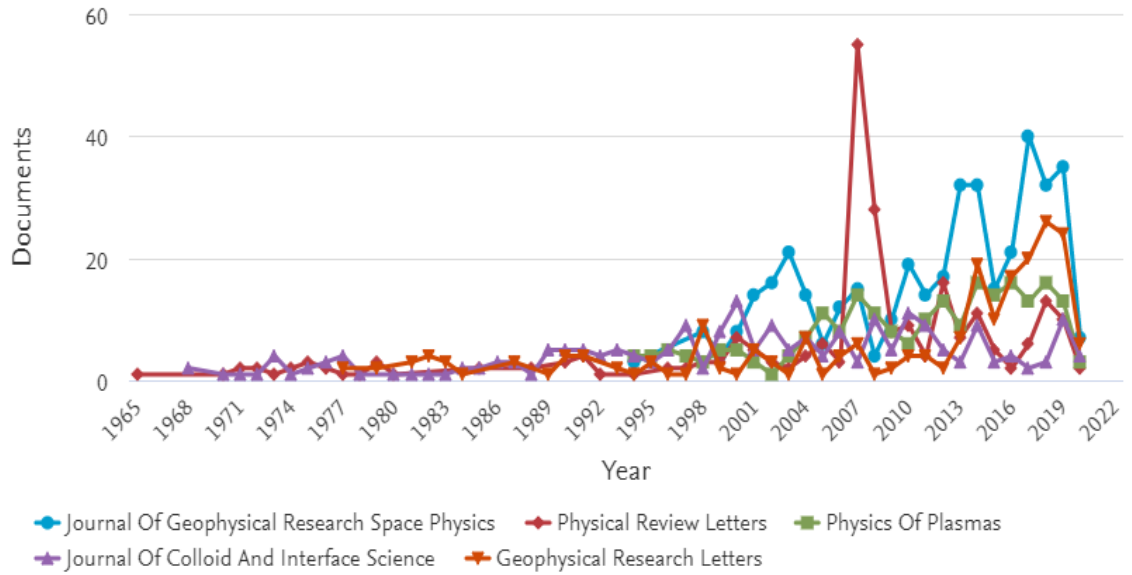
Select year range to analyze: 1936 to 2020 Analyze

Source ↓	Documents ↑
Journal Of Geophysical Research Space Physics	399
Physical Review Letters	249
Physics Of Plasmas	226
Journal Of Colloid And Interface Science	222
Geophysical Research Letters	216
Powder Technology	216
Aip Conference Proceedings	201
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



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Author Search

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Documents | Authors | Researcher Discovery | Organizations | Scopus AI (New)

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New

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

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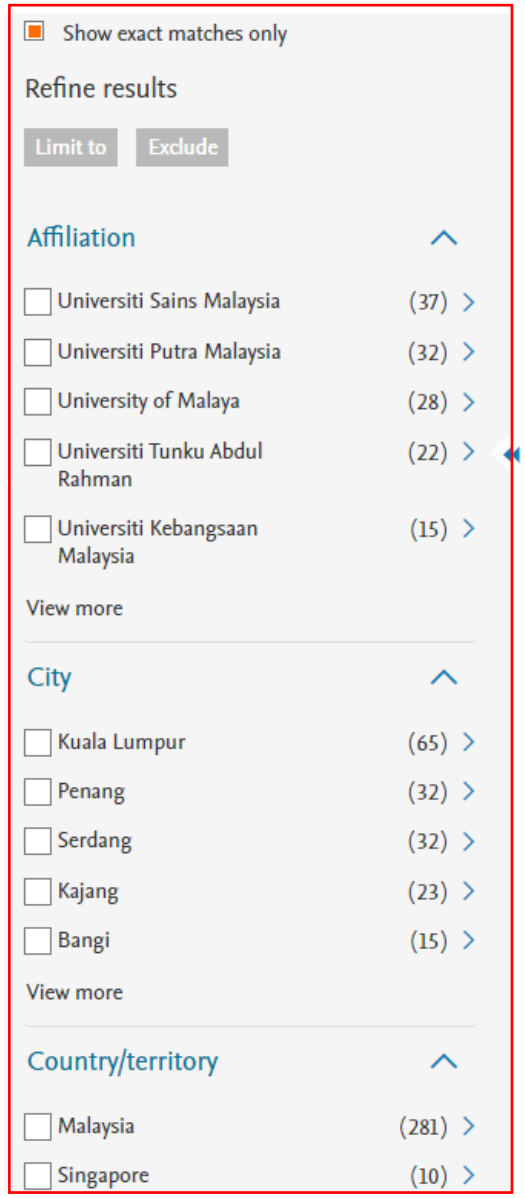
+ Add affiliation

Search

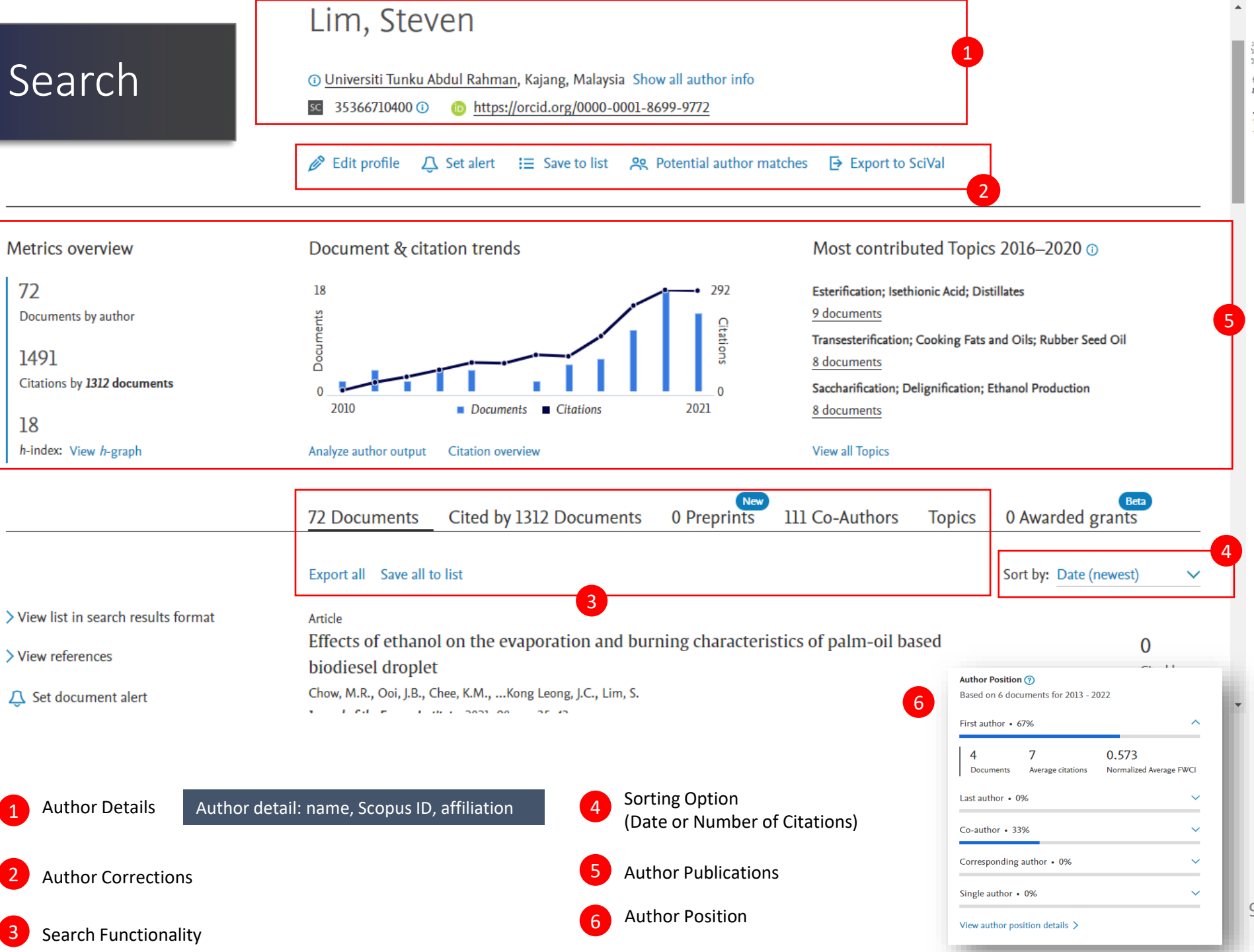
Author Search



Refine your search

Author (s): clickable

Author Search



1 Author Details — Author detail: name, Scopus ID, affiliation

2 Author Corrections

3 Search Functionality

4 Sorting Option (Date or Number of Citations)

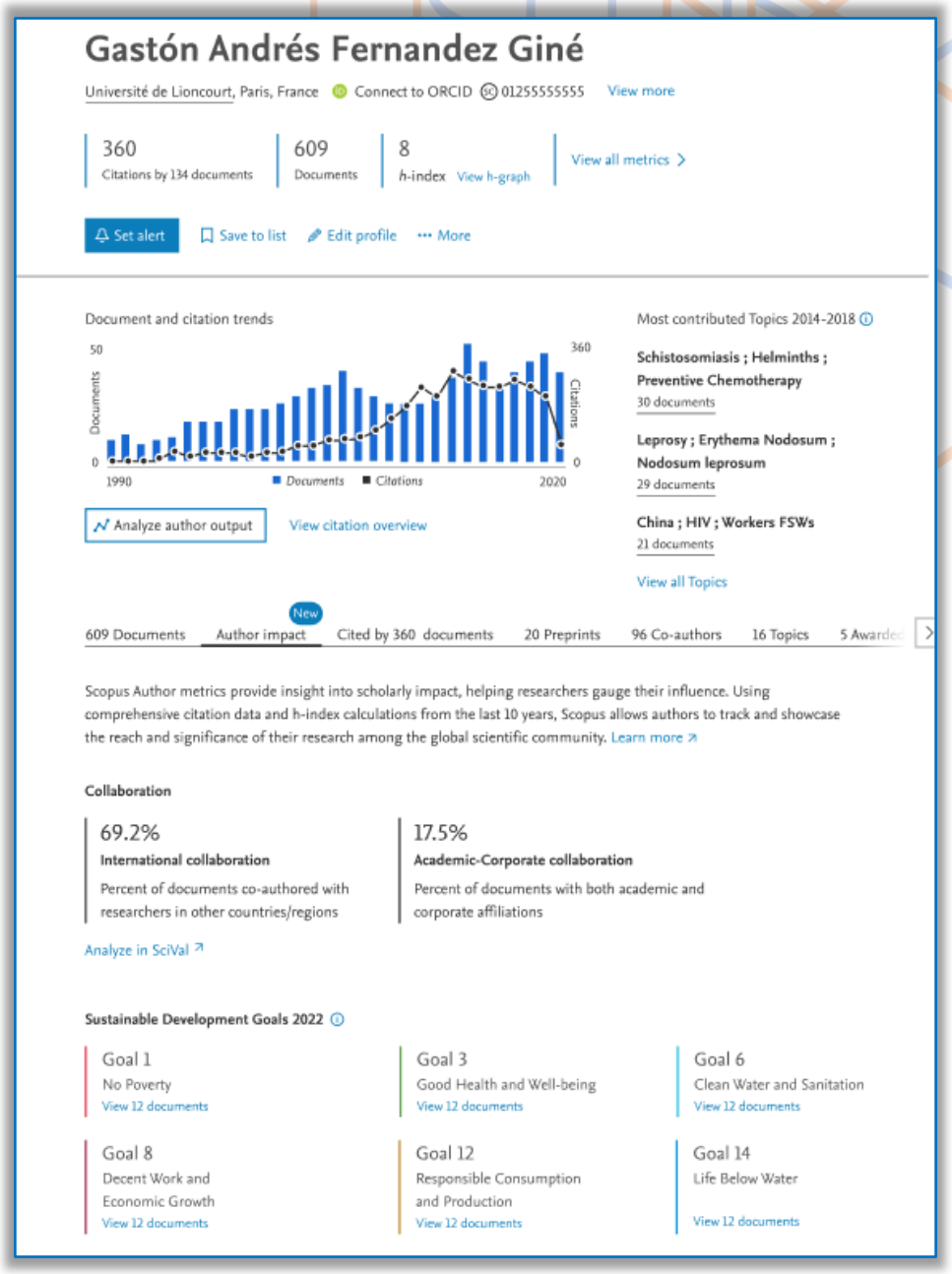
5 Author Publications

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

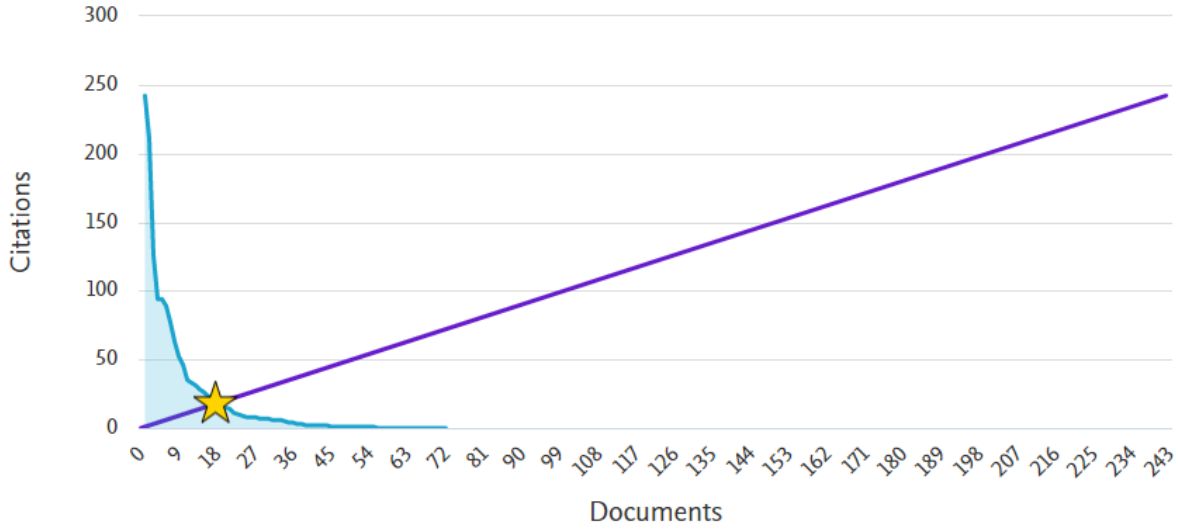
Analyze documents published between: 2010 to 2021

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

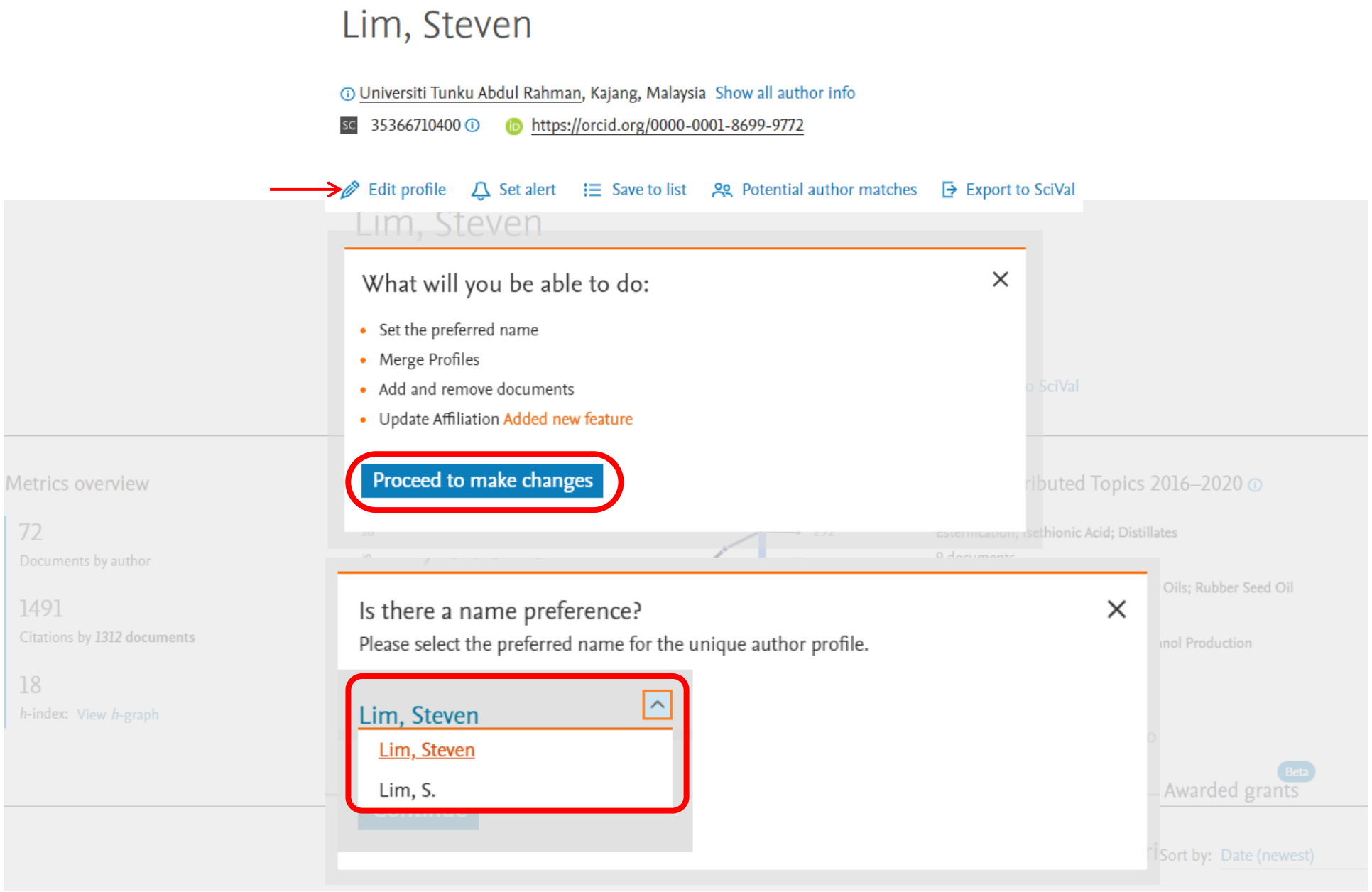
The *h*-index is based upon the number of documents and number of citations.



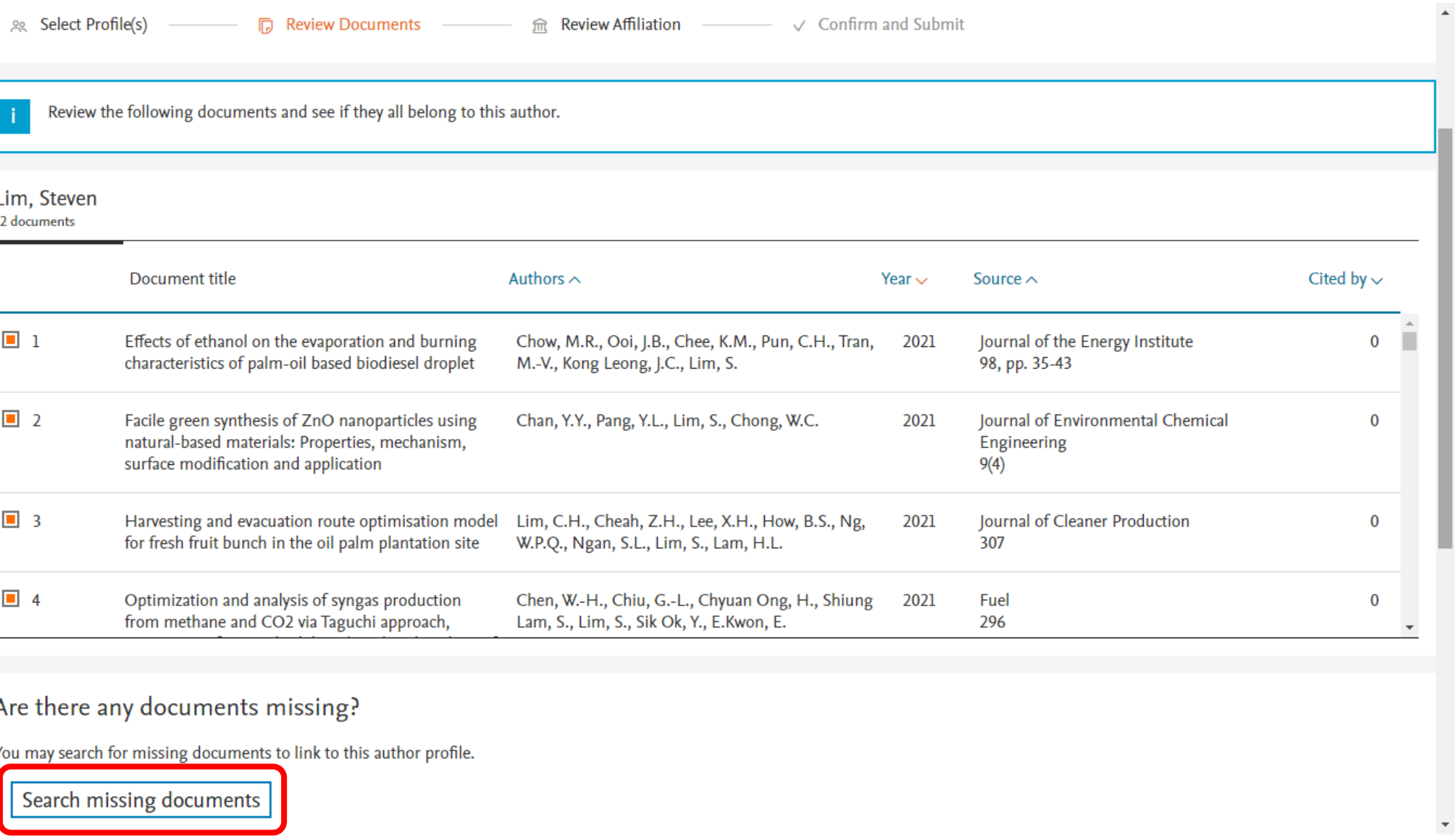
"The h-index is the highest number of papers a scientist has that have at least that number of citations."

Nature (2005)

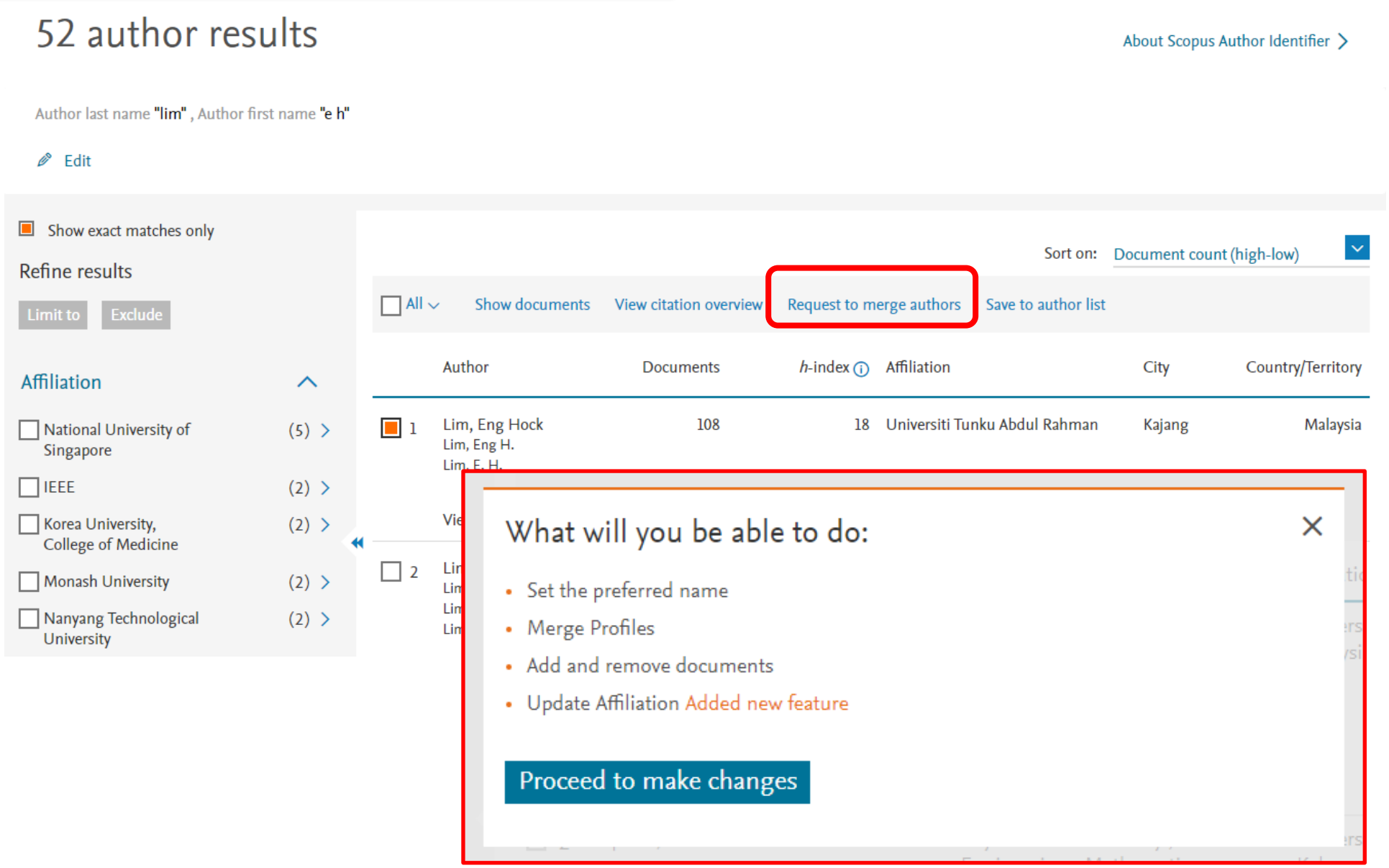
Request author detail corrections



Request author detail corrections (cont.)



Request to merge authors



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 first name: shin horng
e.g. J.L.

Author last name: chong
e.g. Smith

Author first name: s h
e.g. J.L.

Author last name: horng
e.g. Smith

Author first name: chong shin
e.g. J.L.

Optional: + Name Variant + Affiliation

Search

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	*h*-index	Affiliation	City	Country/Territory
1	Horng, Chong Shin Chong, S. H. Chong, Shin Horng	64	7	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia
2	Horng, Chongshin Horng, Chong Shin	1	0	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia
3	Chong, Shin Horng	1	0	Universiti Teknikal Malaysia Melaka	Malacca	Malaysia
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

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

	Document title	Authors	Year	Source	Cited by
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

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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

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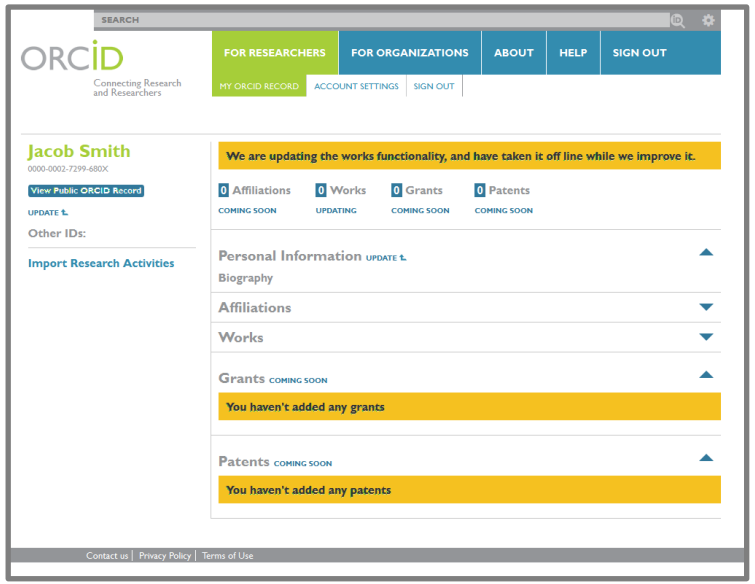

Dr. Win
Dr. H. Win
Dr. Handsome Win

Dr. Handsome Win
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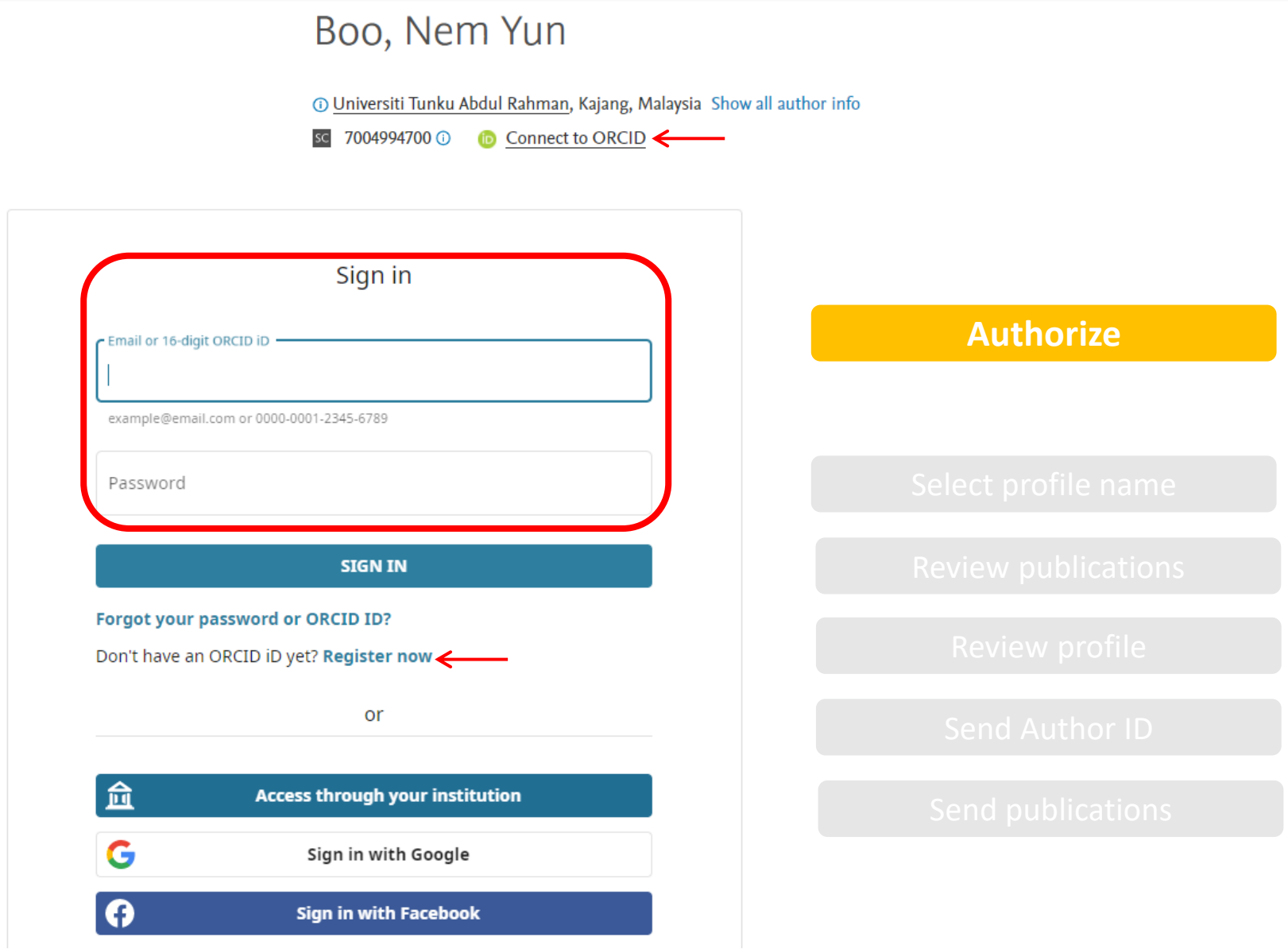
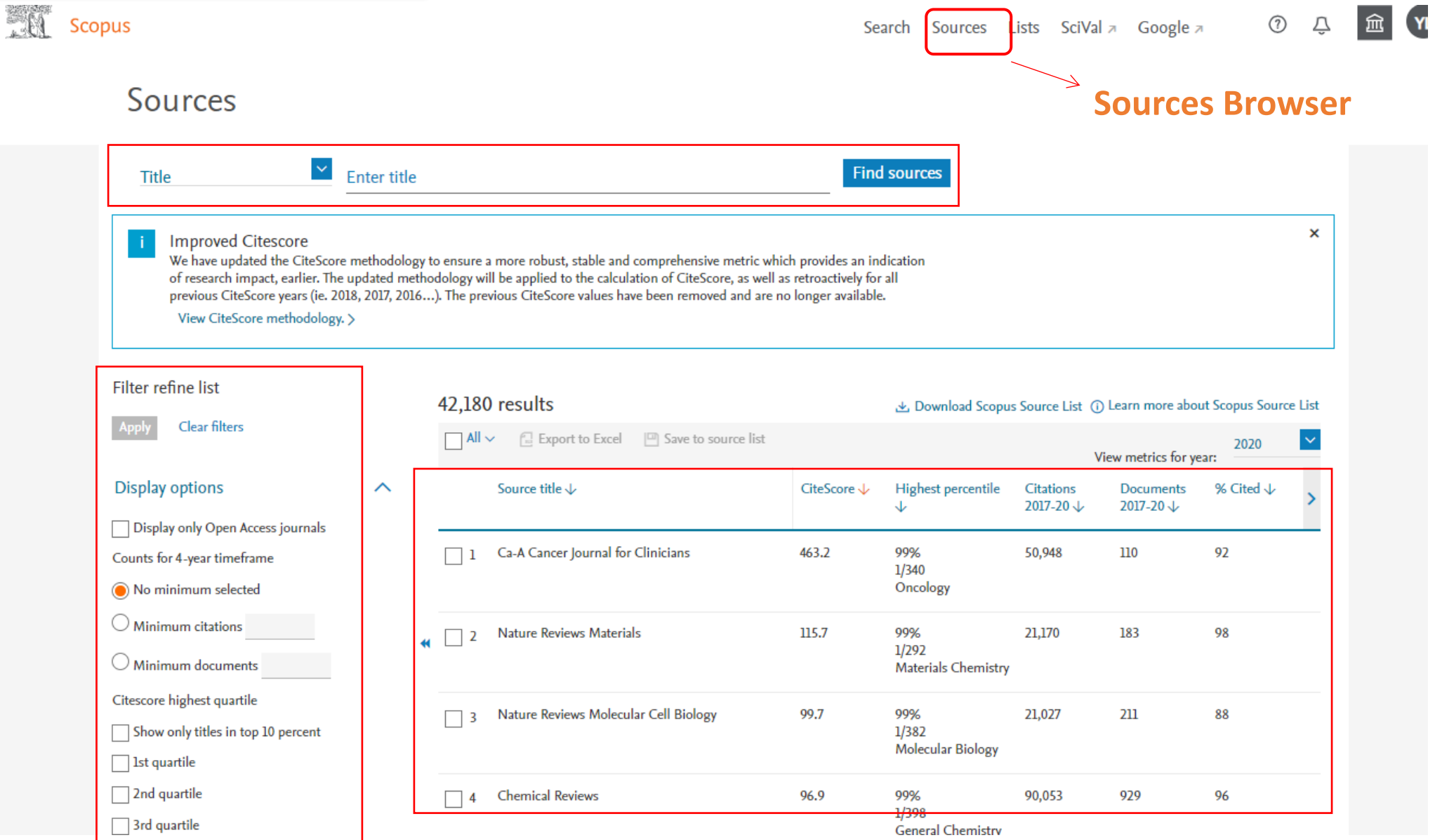


Source Browser

Source Browser



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

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CiteScore 2020
63.4

SJR 2020
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SNIP 2020
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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 = 114,416 Citations 2017 - 2020 / 1,804 Documents 2017 - 2020

Calculated on 05 May, 2021

CiteScoreTracker 2021

55.7 = 93,379 Citations to date / 1,676 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 = 7,696 Citations 2018 - 2021 / 659 Documents 2018 - 2021

Calculated on 05 May, 2022

CiteScoreTracker 2022

11.0 = 6,144 Citations to date / 558 Documents to date

Last updated on 05 October, 2022 • Updated monthly

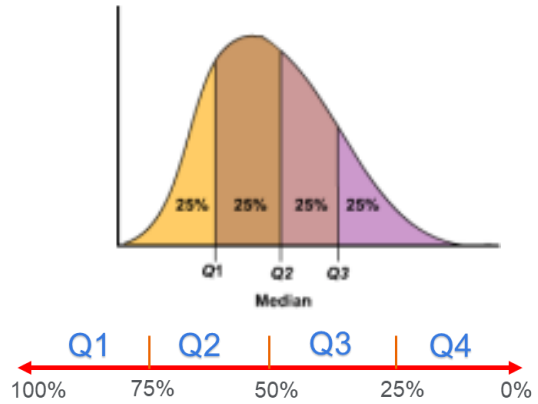
Read CiteScore of selected year or current year. Also see how it is calculated.

CiteScore rank 2021

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

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

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Source type: Journal

CiteScore 2021
11.7

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1.749

SNIP 2021
1.807

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CiteScore | CiteScore rank & trend | Scopus content coverage

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

See 5 years trends of this journal

Export content for category

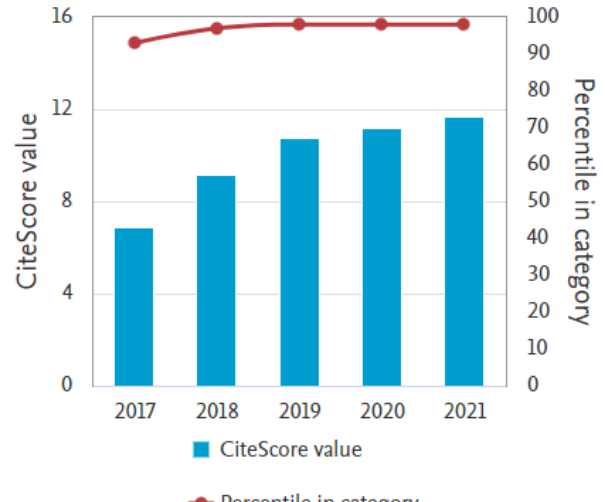
CiteScore rank 2021 | In category: Agricultural and Biological Sci...

☆	#2 / 119	Ecosystem Services	11.7	98th percentile

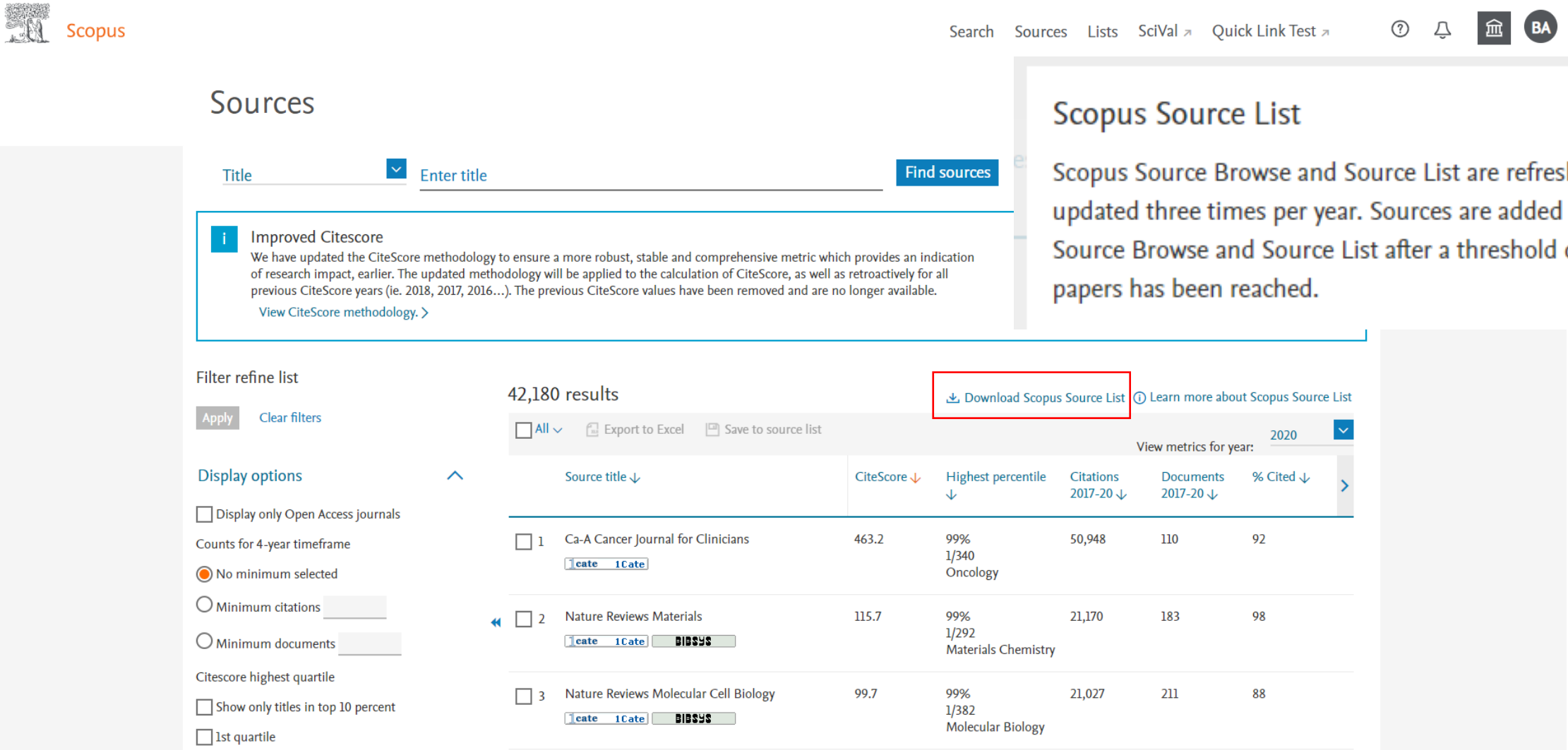
Rank	Source title	CiteScore 2021	Percentile
#1	Studies in Mycology	33.4	99th percentile
☆ #2	Ecosystem Services	11.7	98th percentile
#3	IMA Fungus	8.3	97th percentile
#4	Astrobiology	8.2	97th percentile
#5	Mammal Review	8.2	96th percentile

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

CiteScore trend



Scopus Source List



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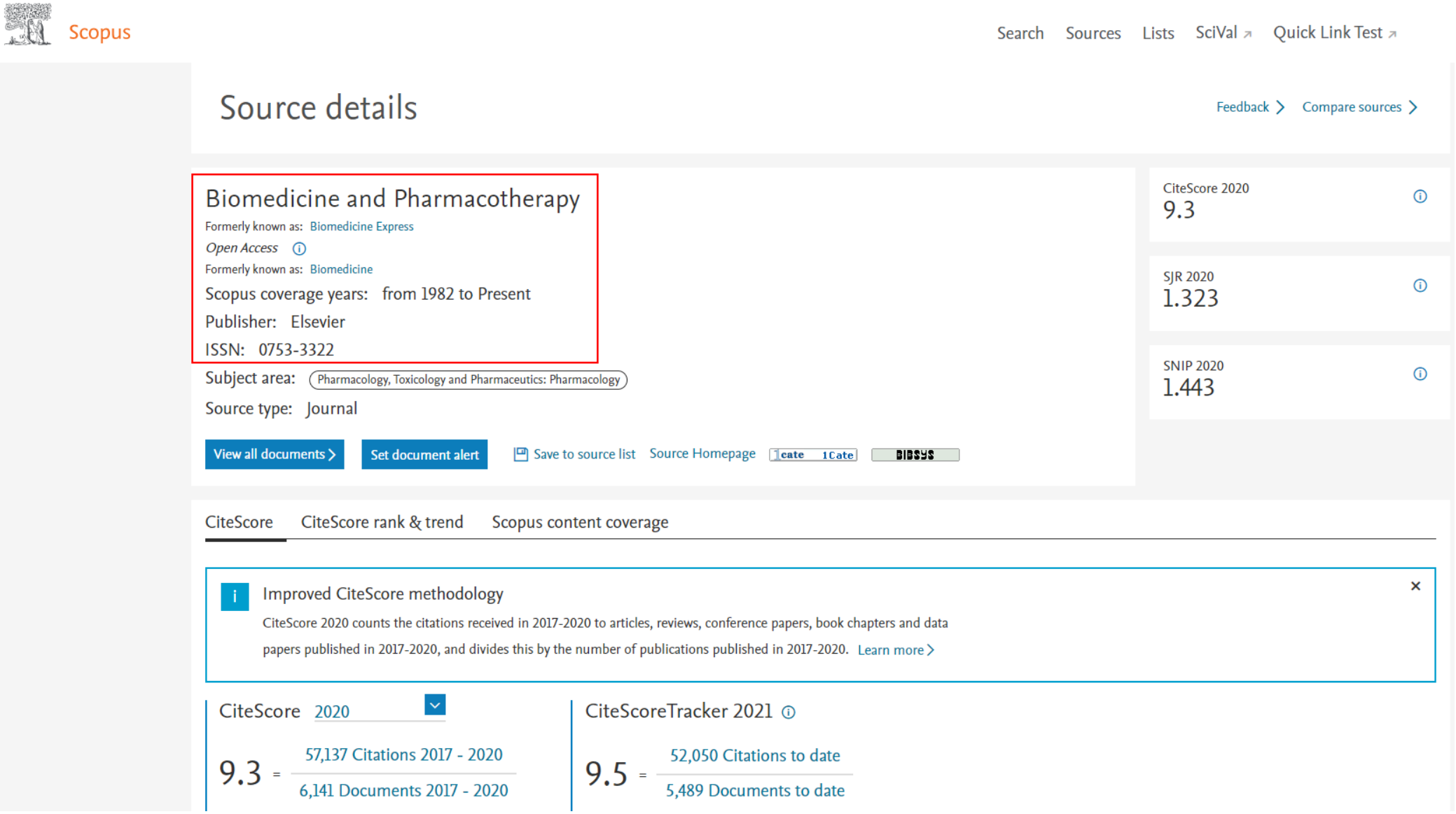
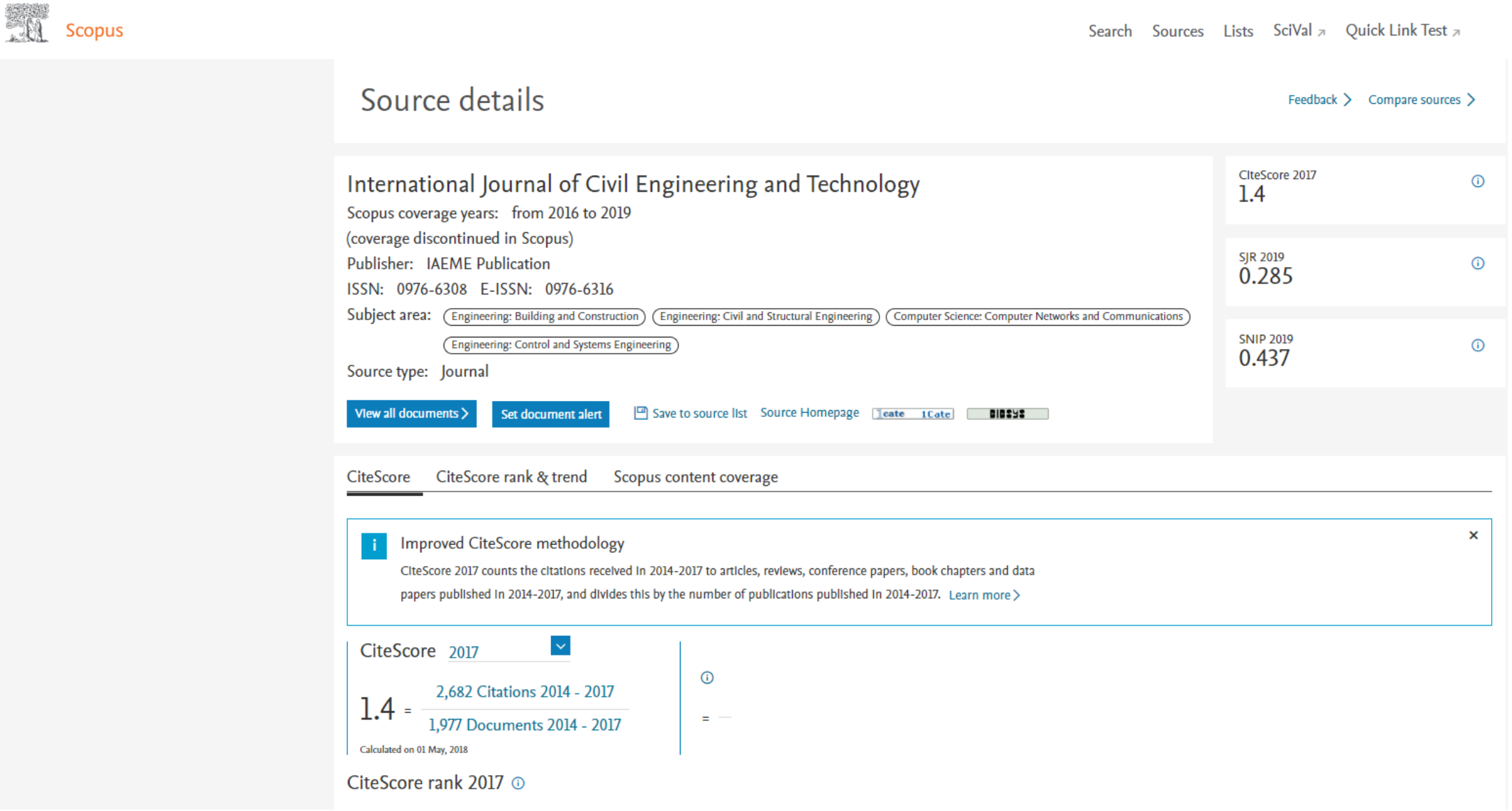


Case of Discontinued Journal 1



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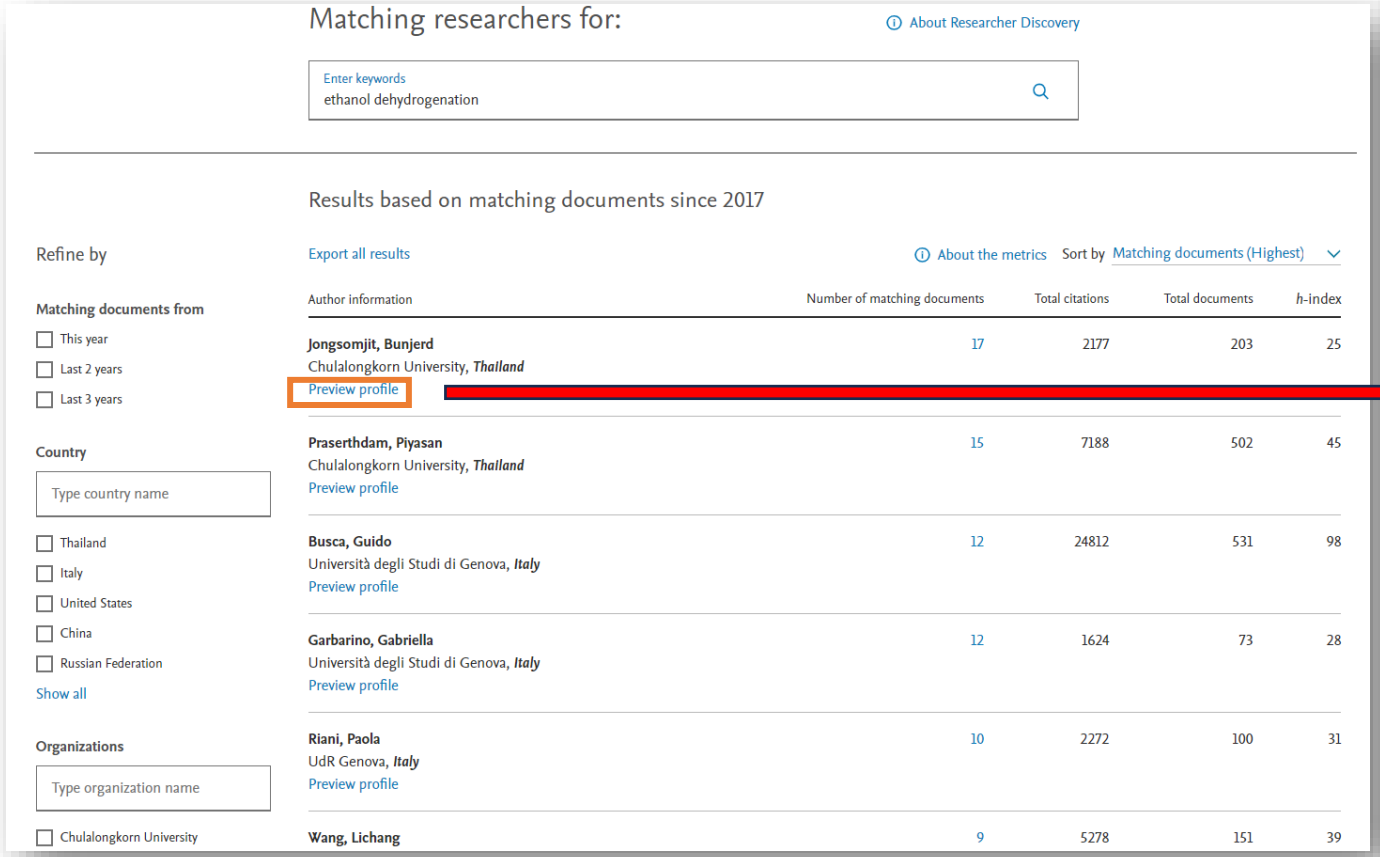
About the metrics

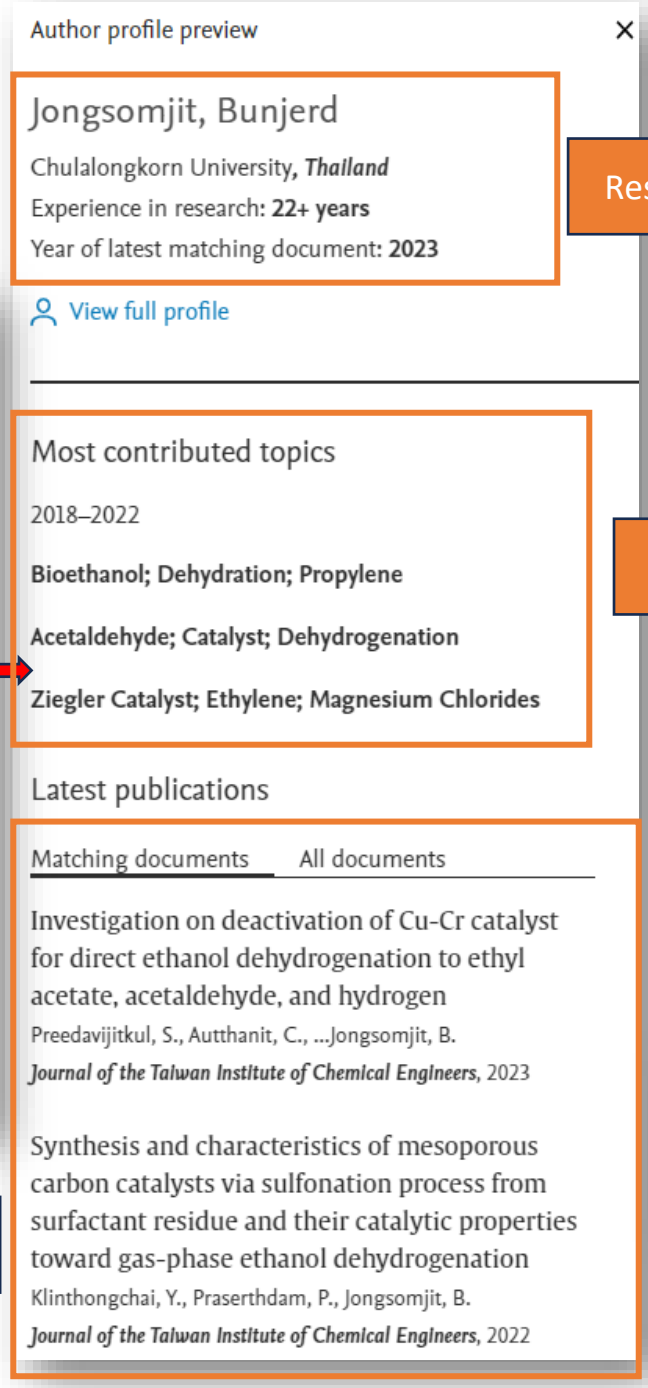
Sort by Matching documents (Highest)

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

Related researchers

Researcher Discovery





Researcher detail

Researcher detail

Publications

Email for contacting

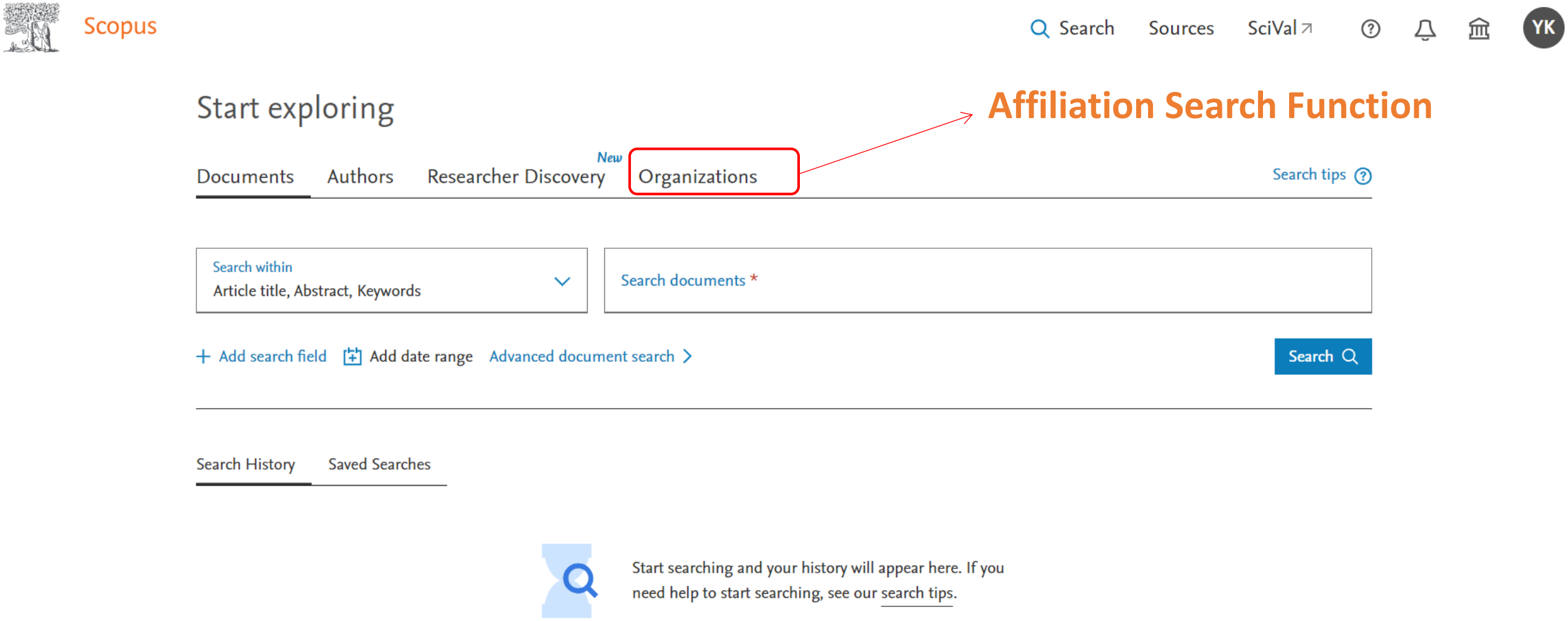
Corresponding author e-mail address*

bunjerd.j@chula.ac.th

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

Organization Searching

Affiliation Search



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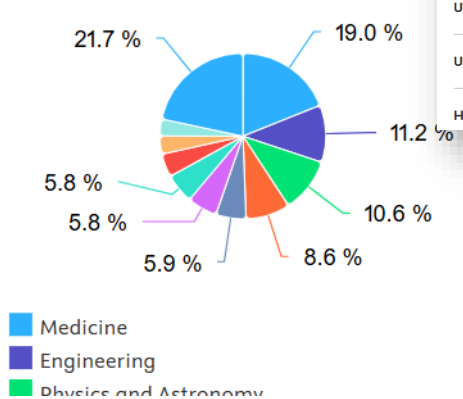
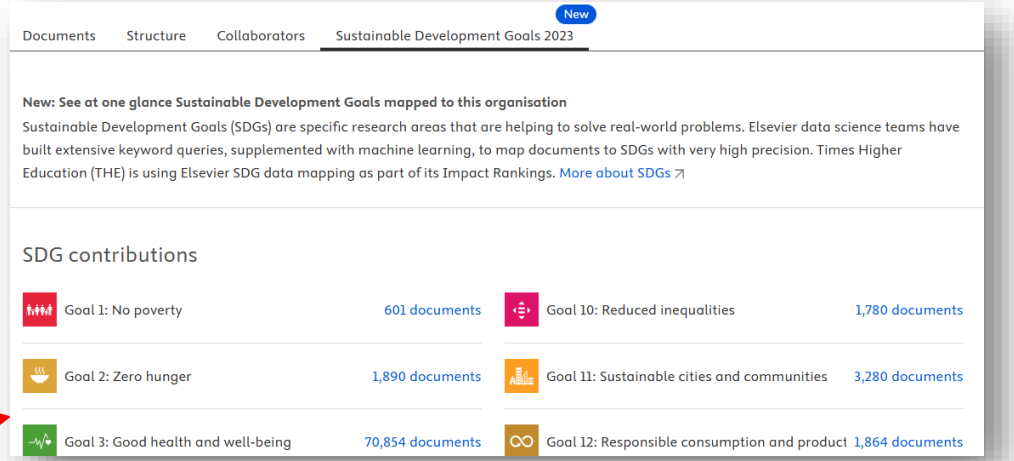
Subject area	Documents
Medicine	86,595
Engineering	51,027
Physics and Astronomy	48,648
Biochemistry, Genetics and Molecular Biology	39,426

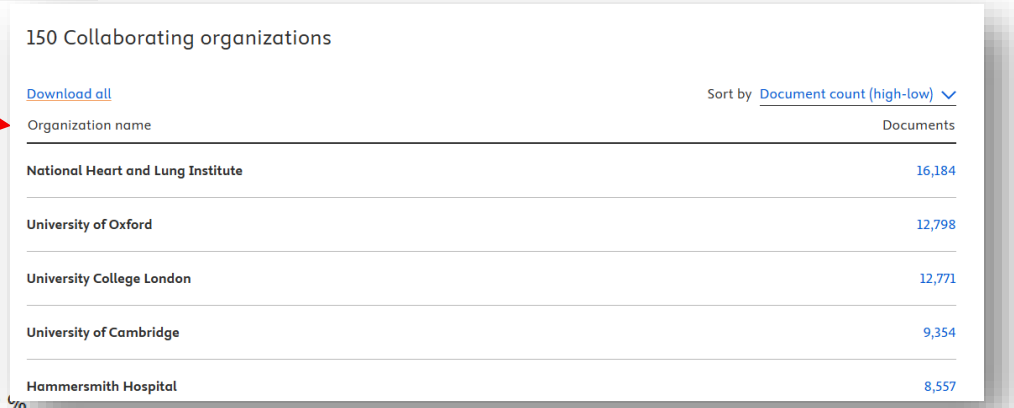
Subject trends



Documents by Source



Collaborating Affiliations



https://blog.scopus.com/posts/scopus-institution-profile-wizard

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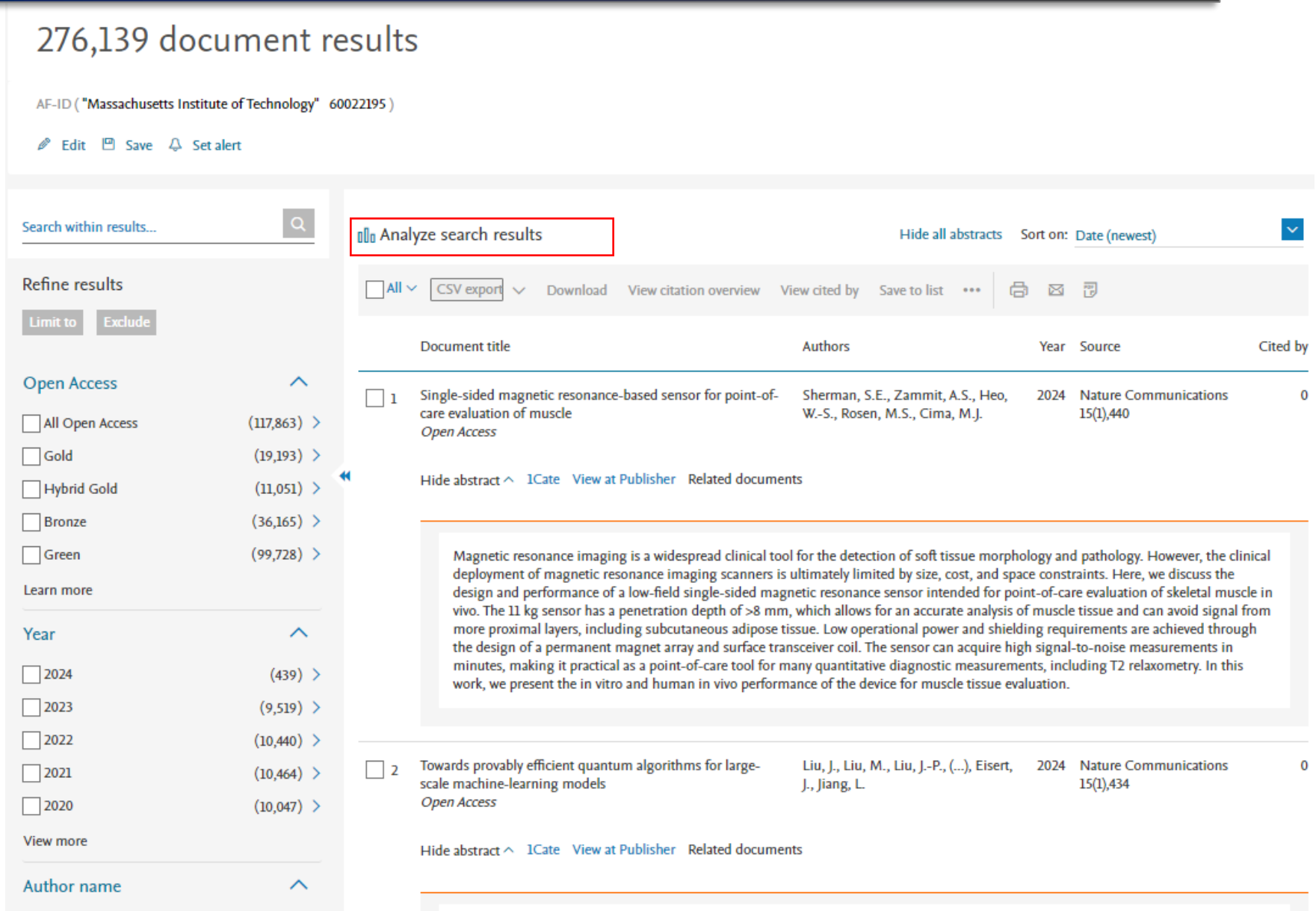
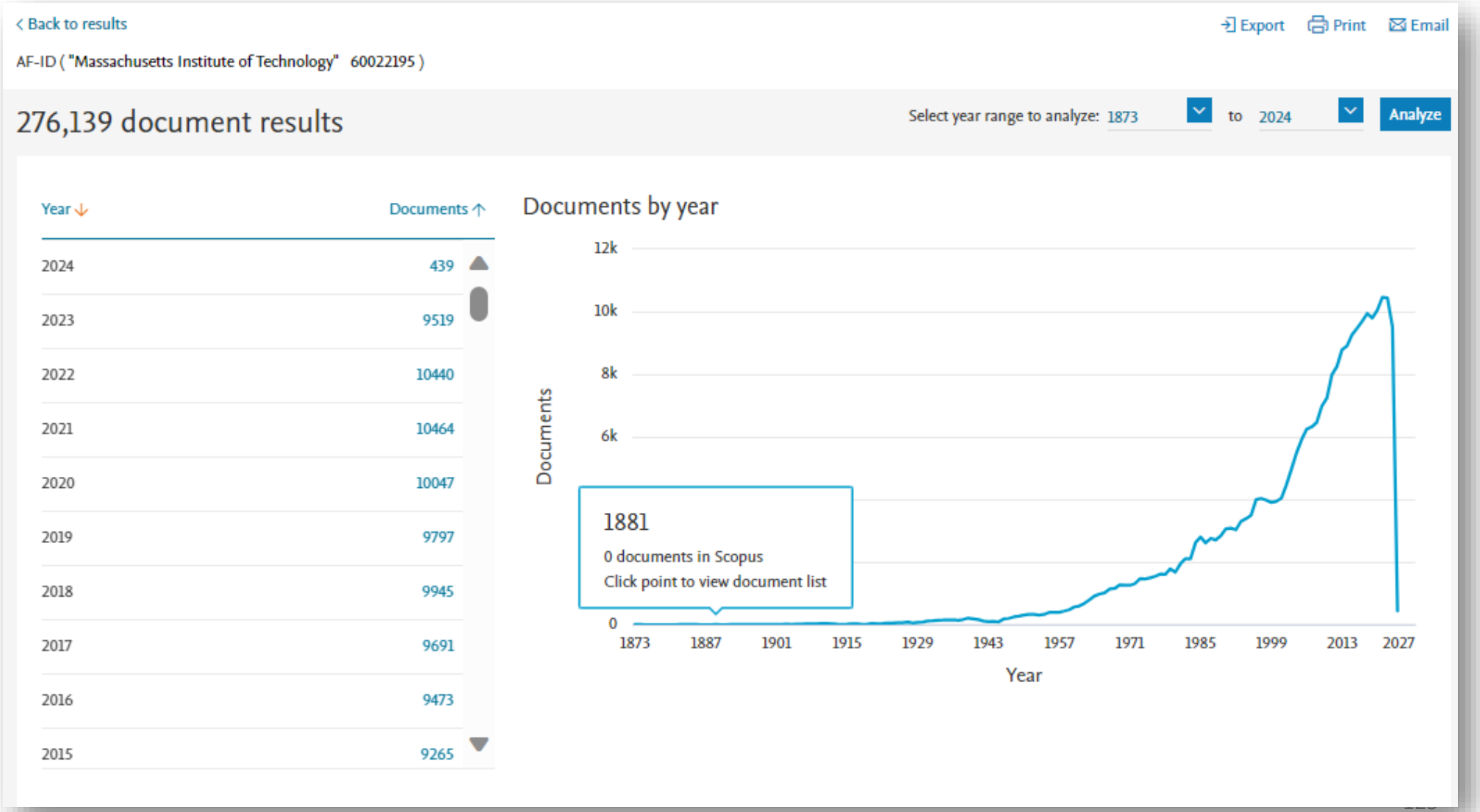
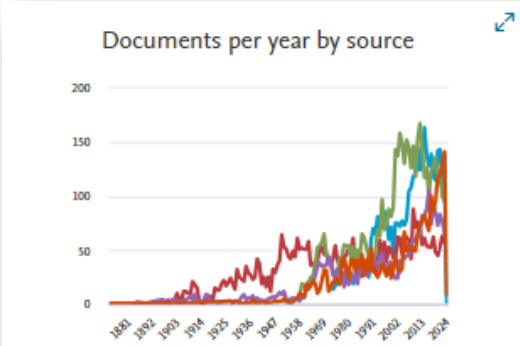
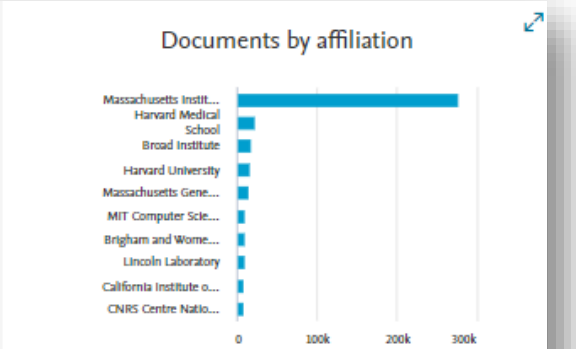


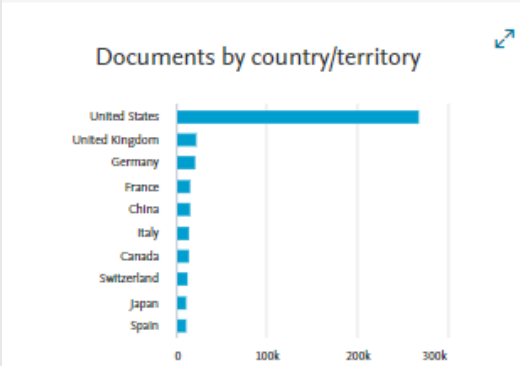
Analyze Search Results

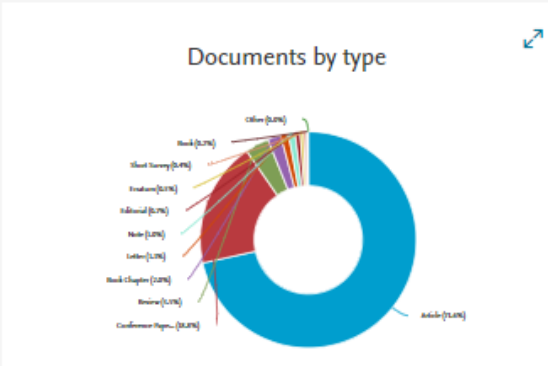


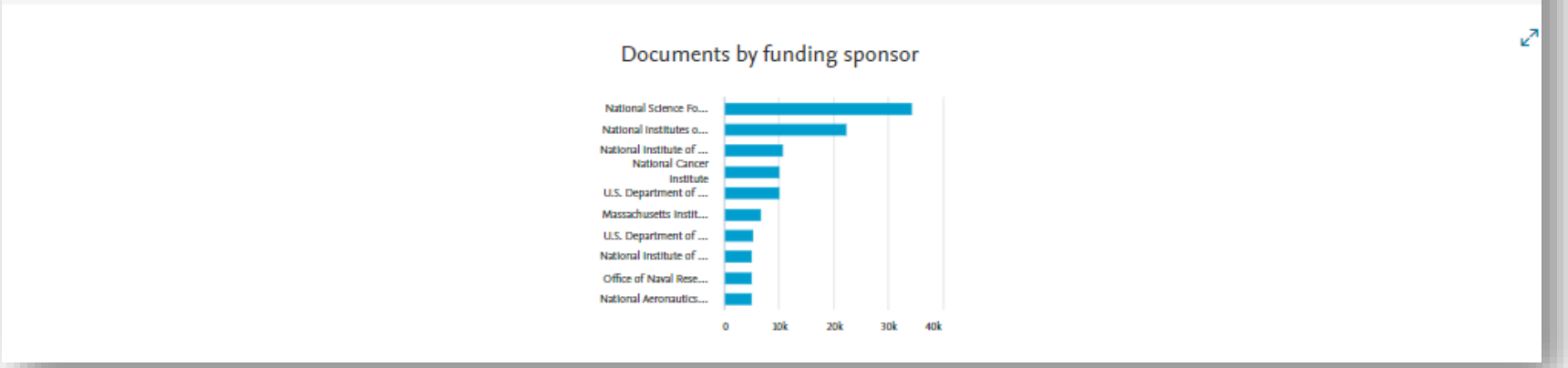
Search analysis











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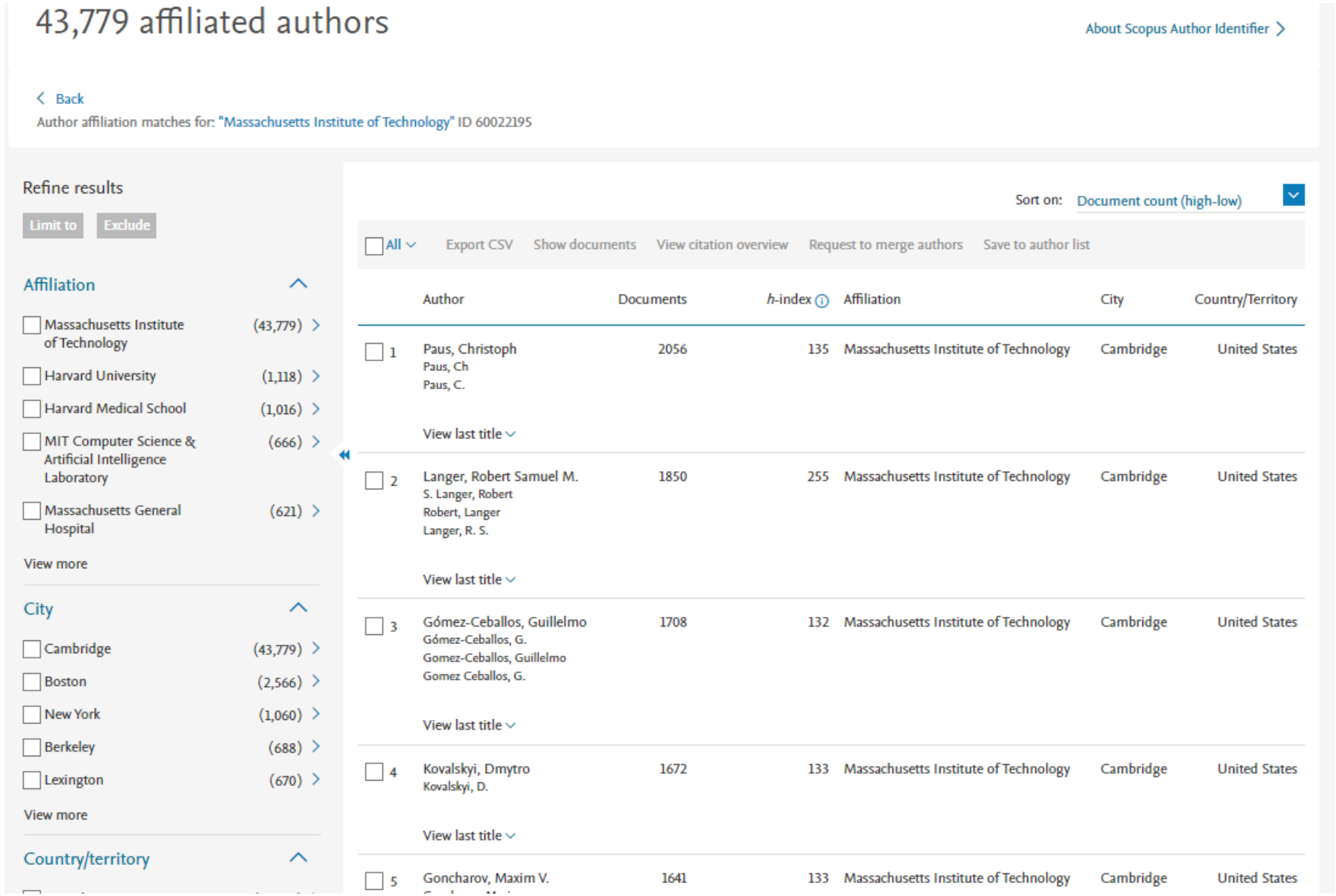

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3	Gómez-Ceballos, Guillelmo Gómez-Ceballos, G. Gomez-Ceballos, Guillelmo Gomez Ceballos, G. View last title	1708	132	Massachusetts Institute of Technology	Cambridge	United States
4	Kovalskyi, Dmytro Kovalskyi, D. View last title	1672	133	Massachusetts Institute of Technology	Cambridge	United States
5	Goncharov, Maxim V.	1641	133	Massachusetts Institute of Technology	Cambridge	United States

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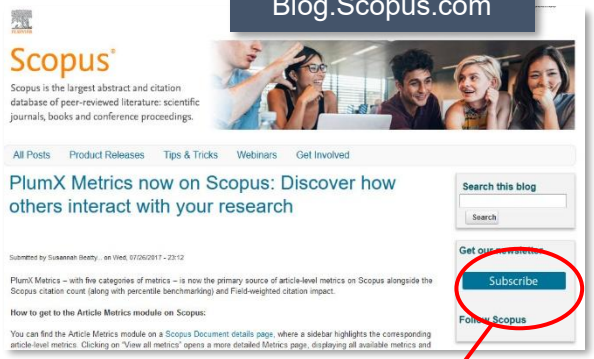

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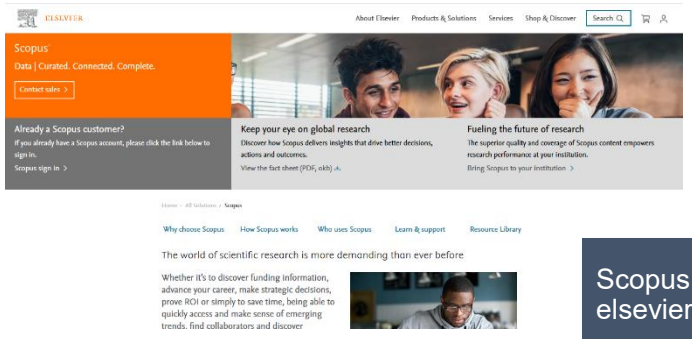

Scopus info site: elsevier.com/scopus

คำถามเบื้องต้น

1) การใช้ ScienceDirect AI ในการค้นหาแตกต่างกับการค้นหาแบบปกติ ขนาดไหน
2) What is AI
3) สามารถติดตามข่าวสารการเปลี่ยนแปลงต่างๆ เกี่ยวกับฐานข้อมูลได้ผ่านทางไหน
4) Science Direct รับแบบ full collection ทั้ง วารสาร และ E-book หรือไม่
5) บางเปเปอร์ เปิดไปแล้วให้จ่ายตัง เรามีวิธี หาเปเปอร์ที่ฟรี และมีข้อมูลครบๆ แบบไหนได้อีกบ้างคะ
6) อยากทราบการใช้งานข้อมูลพื้นฐาน
7) มักจะมีคนบอกว่าเปเปอร์จะแหล่งข้อมูลนั้นๆ ไม่น่าเชื่อถือ หากเราไม่มีประสบการณ์มาก่อน จะรู้ได้อย่างไร
8) วิธีการตรวจสอบระดับ Quartile ของวารสารวิจัยทางสังคมศาสตร์ และนโยบายและแนวโน้มของ Elsivier
9) หางานวิจัยหรือบทความที่ตรงความต้องการได้ยากในฐานข้อมูลทั่วไป แม้จะใช้คำสำคัญในการค้นหา

1.การใช้ ScienceDirect AI ในการค้นหาแตกต่างกับการค้นหาแบบปกติ ขนาดไหน

ScienceDirect AI: ให้คำตอบสรุปพร้อมอ้างอิง รองรับภาษาธรรมชาติ ได้ภาพรวมเร็ว
ค้นหาแบบปกติ: แสดงลิสต์บทความตามคีย์เวิร์ด/ตัวกรอง ต้องเปิดอ่านเอง ควบคุมและครอบคลุมกว่า

ใช้ AI เพื่อเริ่มต้น/จับประเด็นเร็ว ใช้แบบปกติเมื่อทำรีวิวเชิงระบบหรืออยากตรวจสอบละเอียด

2. What is AI (AI คืออะไร?)

AI (ปัญญาประดิษฐ์) คือเทคโนโลยีที่ทำให้คอมพิวเตอร์เรียนรู้จากข้อมูล วิเคราะห์และตัดสินใจ/สร้างผลลัพธ์ได้อัตโนมัติ คล้ายความสามารถของมนุษย์ (เช่น แชตบอท รู้จำภาพ/เสียง และการคาดการณ์).

3) สามารถติดตามข่าวสารการเปลี่ยนแปลงต่างๆ เกี่ยวกับฐานข้อมูลได้ผ่านทางไหน

https://www.elsevier.com/products

4) Science Direct รับแบบ full collection ทั้ง วารสาร และ E-book หรือไม่

เฉพาะ วารสาร ครับ

5) บางเปเปอร์ เปิดไปแล้วให้จ่ายตัง เรามีวิธี หาเปเปอร์ที่ฟรี และมีข้อมูลครบๆ แบบไหนได้อีกบ้างคะ

- ณ ตอนนี้ทาง สจล ได้รับบอกรับทั้งหมดทุกสาขา 23 สาขา ซึ่งคิดว่าน่าจะครอบคลุมมากครับ ณ ตอนนี้

- แต่ถ้าอยากอ่านบางเปเปอร์ที่อยู่นอกเหนือการบอกรับนั้น สามารถเลือก วารสารที่เป็น Open Access หรือ Open Archive ตรงตัวกรองด้านซ้ายมือได้ครับ

6) อยากทราบการใช้งานข้อมูลพื้นฐาน

- Session นี้ หวังว่าจะตอบโจทย์ครับ

7) มักจะมีคนบอกว่าเปเปอร์จะแหล่งข้อมูลนั้นๆ ไม่น่าเชื่อถือ หากเราไม่มีประสบการณ์มาก่อน จะรู้ได้อย่างไร

- ดูฐานข้อมูลและสำนักพิมพ์: มีใน Scopus/PubMed หรือไม่? อยู่บน ScienceDirect (ของ Elsevier) มักผ่านการคัดกรองและ peer review แล้ว
- เช็กวารสารใน Scopus (Sources): ดูว่าอยู่ในดัชนีและค่าชี้วัดอย่าง CiteScore, SJR, Quartile (Q1–Q2 มักคุณภาพสูง)
- ตรวจผู้พิมพ์และหน้าเว็บวารสาร: ผู้พิมพ์ที่เชื่อถือได้ (Elsevier, Springer Nature, Wiley, IEEE ฯลฯ) หน้าเว็บระบุขั้นตอน peer review ชัดเจน
- ตรวจเนื้อหางานวิจัย: วิธีวิจัย/สถิติ/ขนาดตัวอย่าง/ข้อจำกัดชัดเจน มี DOI และอ้างอิงคุณภาพ
- ดูการอ้างถึงและสถานะ: เช็ก “Cited by” ใน Scopus และดูว่าไม่มีการถอนตีพิมพ์ (Retraction Watch, Crossmark)
- ความโปร่งใส: เปิดเผยแหล่งทุน/ผลประโยชน์ทับซ้อน มีข้อมูล/โค้ดเปิดเผยเมื่อเหมาะสม
- เปรียบเทียบกับรีวิว/แนวทาง: หา review/meta-analysis ใน ScienceDirect
- ระวังสัญญาณเตือน: ไม่ถูกจัดทำดัชนีใน Scopus, รับ-ตีพิมพ์เร็วผิดปกติ, ค่าตีพิมพ์สูงแต่เว็บดูไม่น่าเชื่อถือ, DOI ตรวจไม่ขึ้นใน Crossref, ชื่อวารสารคล้ายแบรนด์ดังแต่ URL แปลก (hijacked journal)
- ถ้าไม่แน่ใจ ให้ใช้เช็กลิสต์ Think.Check.Submit และปรึกษาอาจารย์/นักวิจัย พร้อมตรวจซ้ำใน Scopus และอ่านฉบับเต็มจาก ScienceDirect/Elsevier เพื่อประเมินด้วยตัวเอง.

8) วิธีการตรวจสอบระดับ Quartile ของวารสารวิจัยทางสังคมศาสตร์และนโยบายและแนวโน้มของ Elsivier

- เช็ก Quartile ให้ระบุหมวดและปีบนหน้า Scopus Sources ของวารสาร ส่วนด้านการตีพิมพ์ Elsevier เดินหน้า OA/ความโปร่งใส/จริยธรรม/ความเข้มของ peer review และกำหนดกรอบการใช้ AI อย่างรับผิดชอบ

9) หางานวิจัยหรือบทความที่ตรงความต้องการได้ยากในฐานข้อมูลทั่วไป แม้จะใช้คำสำคัญในการค้นหา

- Scopus: ใช้ Advanced + TITLE-ABS-KEY กับ AND/OR/AND NOT, “ ”

❑ ฟิลเตอร์ปี/สาขา/ประเภท; Analyze results

❑ขยายด้วย References/Cited by/Related; ตั้ง Alerts

- ScienceDirect: ค้นแบบ Boolean

❑ใส่ฟิลเตอร์ปี/ประเภท/สาขา

❑เดินต่อด้วย Recommended/Cited by/References

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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	Impact Factor	Acceptance rate	Time to 1st decision	Time to publication
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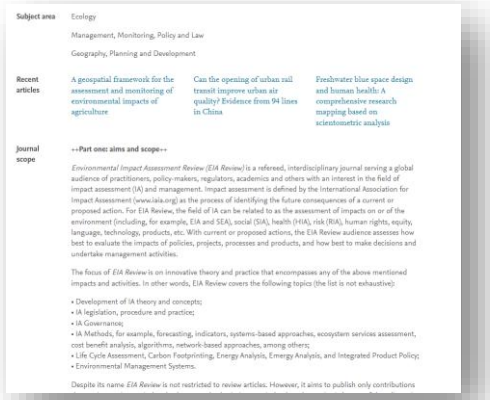

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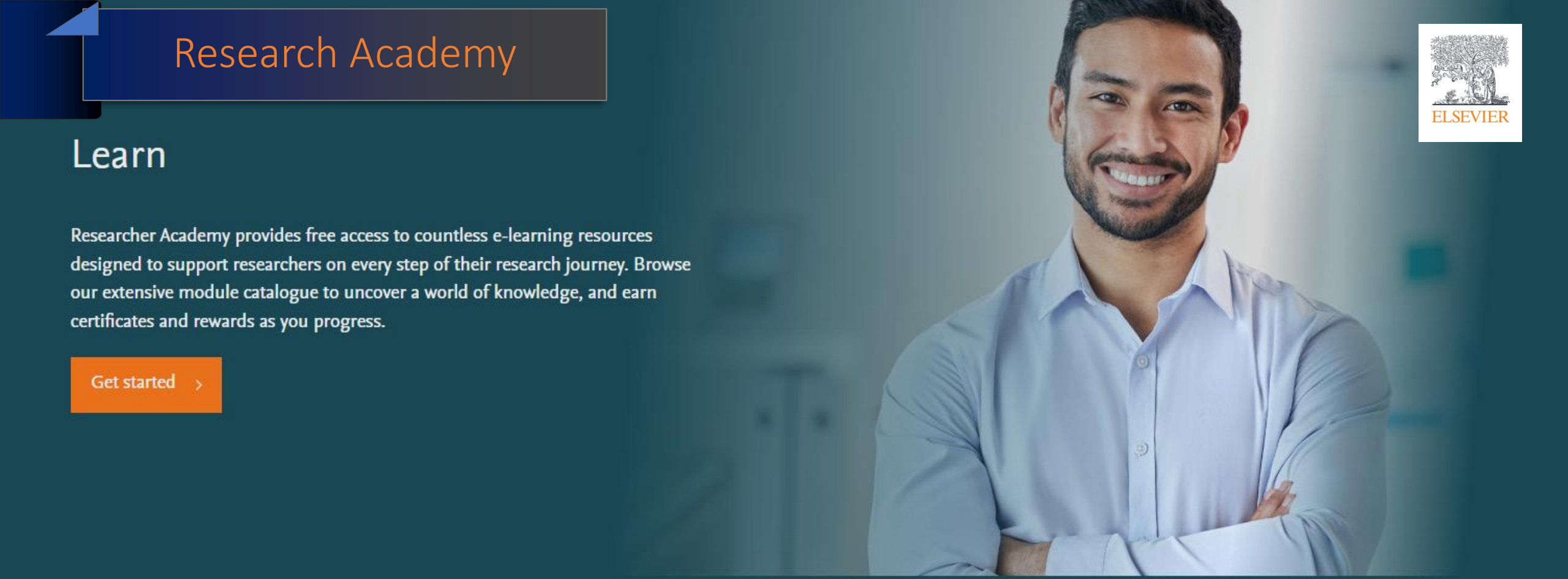

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6+ hours

Complete
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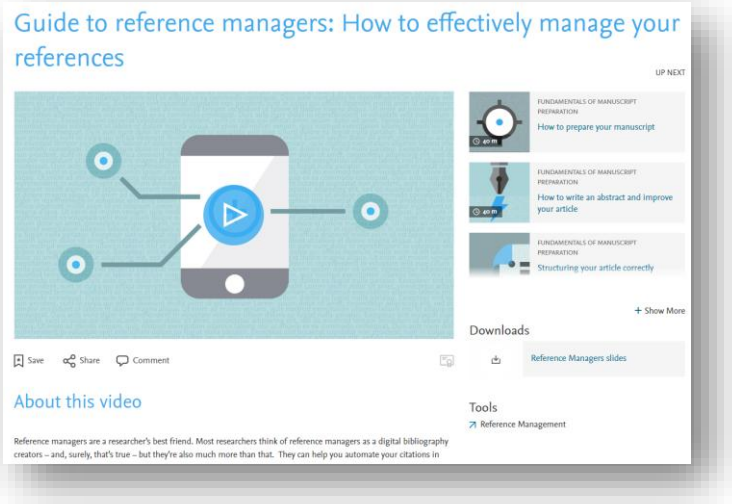

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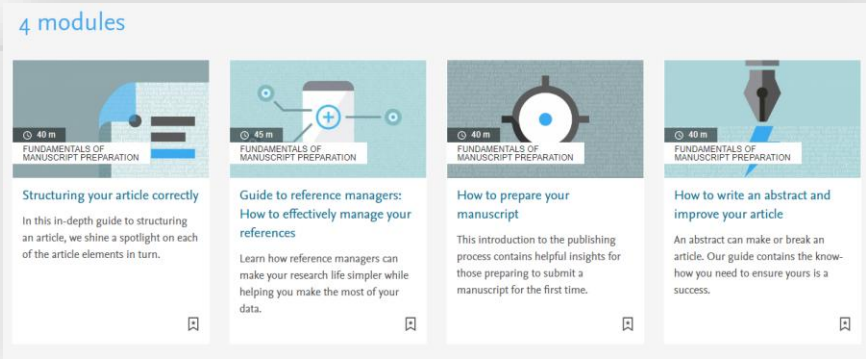

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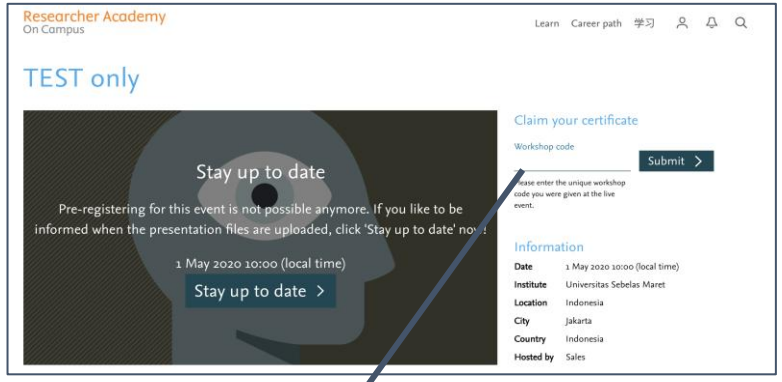

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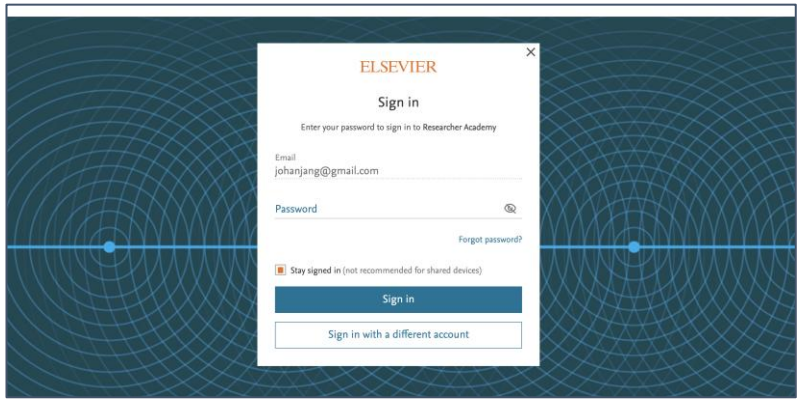

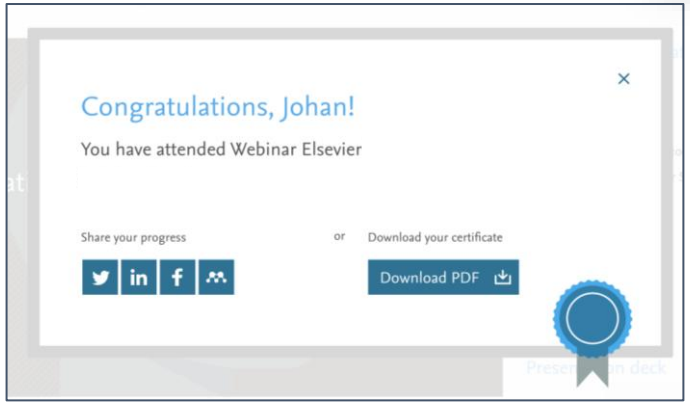

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