

Content



- 1. Value proposition
- 2. Use cases
- 3. Demo
- 4. Main reasons for adopting Scopus Al
- 5. Most asked questions
- 6. What's next



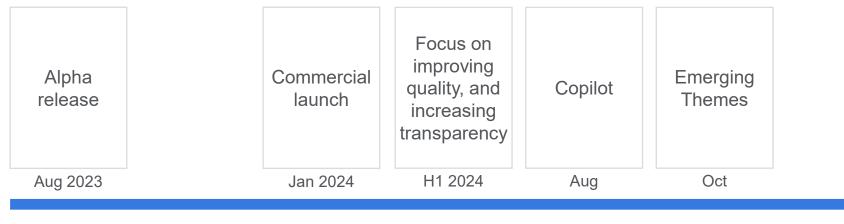
Scopus AI is a generative AI tool specifically designed to support research, combining high-quality content and advanced technologies

Value proposition

Helping researchers, especially early career researchers, learn about new research topics quickly

Scopus Al keeps evolving, thanks to user feedback from around the world





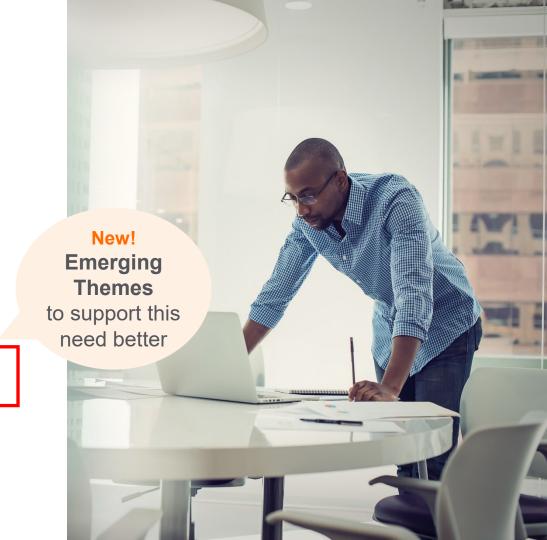
Dec 2023 Now

First customer

Customers around the world!

Our users are using Scopus AI for various research purposes

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



Identifying a new research theme is a critical step in research, but many people find it hard and time-consuming

ELSEVIER

Based on our survey with Scopus users

Our solution

50%

Need to identify new research topics multiple times a month or weekly

30%

Find it difficult or very difficult to identify trending topics

Emerging themes

Currently Beta version

Demo

I am a graduate student who is interested in soil ecology especially in the context of agriculture, as I am keen on food security.

I want to quickly gain a holistic overview of this area.

If it appears promising, I want to explore
a potential theme for my thesis.

Emerging Themes - using Vector Calculation Service, patent-pending algorithm, to create current and relevant results

Step 1

Run a combination of vector and/or keyword search twice to find the publications most relevant to your query. Approx 300 of the most relevant publications per search are selected.

- Within the last 12 months (known as year 1)
- 12-month period prior to that (known as year 2)

Step 2

Step 3

Use vector similarity to cluster each year's results by topic.

The most representative publications in the clusters are compared to identify the trends. The results of these analyses are used to create the list of emerging themes.

Each theme is assigned to one of three categories.

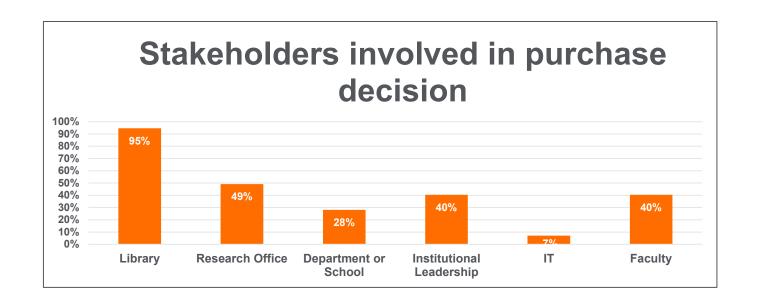
- Consistent: Theme has received a similar level of coverage over the two 12-month periods.
- Rising: Theme is growing in year 1.
- Novel: Coverage is relatively low, which potentially indicates it is a new or underserved theme.

Main reasons for adopting Scopus Al

Library plays the central role in Scopus Al's purchase decision

79% 2+ stakeholder groups were involved

47% 3+ stakeholder groups were involved



Our customers have chosen Scopus AI for various reasons



Most common reasons why our customers have chosen Scopus AI over others

Trust

See the importance of using a reliable genAl tool.

Productivity gain

Many students and faculty members provided positive feedback, especially highlighting the productivity gain when using Scopus AI.

Competitiveness

See Al preparedness as a critical competitive edge and opportunity to increase the university's competitiveness and close gap against top universities.

Voice of librarians



To maintain our school's reputation for excellence and innovation, we need to leverage the latest technology. At the same time, it's essential we guide our users towards tools and sources we know they can trust. Scopus Al ensures we can deliver on both those aims.

Susanne Kirchmair, Library Services team, MCI | The Entrepreneurial School, Austria

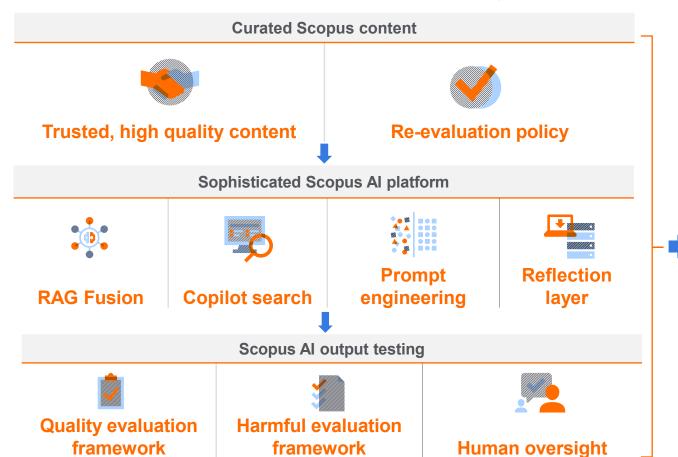
As a user experienced with generative Al tools, I found Scopus Al to be a remarkable asset in the research landscape. Its intuitive natural language search capabilities make retrieving relevant information effortless, and the reliability of the results is impressive — the summary provided was both highly pertinent and easy to understand for time saving.

Songsoo Kim, Librarian, Hanyang University, South Korea

Most asked questions

How does Scopus AI ensure quality and reliability?





Adheres to responsible Al principles & data privacy policies



Developed responsibly



Data privacy

What content does Scopus Al use?



Scopus Al uses high-quality, curated, publisher agnostic Scopus content.

Every response is grounded in content that has been vetted by independent experts.

It has not only been peer reviewed, it has also been rigorously vetted and selected for inclusion in Scopus by the independent Content Selection and Advisory Board (CSAB).

Journals must demonstrate their ability to maintain their quality status every year as part of the Scopus re-evaluation program.



Stage 1

~3,500

title suggestions per year on average

Stage 2

~51%

meet the Scopus minimum criteria

Stage 3

~48%

are accepted after the CSAB's review

Result

~857

serial titles meet the full Scopus criteria

Does Scopus AI eliminate hallucinations?



The large language models (LLMs) used in GenAl tools bring many benefits, but they also come with shortcomings.

These include the potential to generate 'hallucinations' — inaccurate or false responses, undermining trust in the information they deliver.

Scopus Al takes a multi-stranded approach to reducing hallucinations.

- 1. Responses grounded in Scopus content
- 2. Sources updated daily
- 3. Strict 'guardrails' guiding the LLM
- **4.** Greater specificity of results via Copilot search
- 5. Sophisticated RAG Fusion technology
- **6.** Rigorous evaluation frameworks
- 7. Cross-departmental human oversight
- 8. Community feedback

What's next?

Scopus AI will keep evolving fast



Some ideas in consideration

Conversation follow-up

Continue with conversation

More user control

Filtering based on Year, Country, Citation Count, etc

Conversation History

Save queries

Search mode

Switch between relevancebased search and citationfocused search

And more!



Thank you

