

Trusted content. Powered by responsible AI.

Empower your research journey with Scopus AI — your dynamic GenAI-powered research companion. Navigate through the vast expanse of human knowledge faster with a trusted guide designed to enhance your understanding, enrich your insights, and transform your overall research experience.

Take on corporate R&D challenges with Scopus AI

Today's R&D professionals are faced with a complex research landscape that causes information overload, disciplinary silos that hinder collaboration, and subpar tools that create inefficient searches — all leading to inadequate results and reduced scientific impact.

Scopus AI, an intuitive and intelligent search tool powered by generative AI (GenAI), can help you overcome these challenges by delivering insights with unprecedented speed and clarity.

Why Scopus AI for your organization?

Accelerate discovery – Scopus AI helps you overcome information overload and stay on top of technological advancements.

- Scopus AI quickly condenses complex topics into concise and well-written paragraphs, providing focused insights.
- Our knowledge graph and Retrieval Augmented Generation (RAG) fusion powered expanded summaries lead you to the frontiers of a discipline, pointing to notable gaps for impactful future research.

Improve productivity and trusted outcomes — Save time and maximize resource efficiency while benefiting from credible information.

- Our AI synthesizes thousands of papers, abstracts and linked connections, delivering richer and condensed insights to inform your most important decisions.
- Scopus AI follows strict prompts, ensuring all information comes from curated sources with clear references. If a query is biased, there's a risk of bias in the response, so we've taken steps to minimize this risk for queries that exacerbate prejudice or stereotypes.
- The Scopus inputs are pre-validated in collaboration with boards of subject matter experts from within the research community.

Bridge the knowledge gap — Scopus AI helps you tackle the increasing complexity in research topics and gain competitive advantage in R&D and innovation.

- The tool's ability to generate follow-up questions helps in delving deeper into intricate subjects.
- The vector search technology offers context-aware results, potentially simplifying the process of exploring and gaining expertise in unfamiliar areas.
- Scopus AI leverages our best-in-class linked datasets to instantly map the experts and organizations vital to your next research project.
- Scopus AI's concept map feature provides a graphical representation of the keywords to reveal hidden connections and insights.



Research summarization you can trust

Scopus AI searches the abstracts of documents in Scopus for terms that match your query. It then synthesizes the key points in those abstracts into an easy-to-follow Summary, in seconds.

Unlike other AI tools, our advanced prompt engineering limits the risk of hallucinations — or false AI-generated information — by tapping into the trustworthy and verified knowledge from the world's largest database of curated scientific literature. This ensures you get the most reliable answers possible.

How does Scopus AI ensure data privacy?

As we embed generative AI into Scopus, we will do so in line with our [Responsible AI Principles](#) and [Privacy Principles](#) in collaboration with our communities to ensure our solutions help them achieve their goals.

Our LLM usage is private. Meaning there is no data exchange or use of our data to train the large language model. This is an important feature of our implementation, which gives privacy and peace of mind to data publishers and authors.



Scopus AI users are saying ...

“The expanded summaries provided by this resource sparked numerous ‘aha’ moments for me, **encouraging me to delve into topics** with newfound depth and curiosity.”

“What would have taken me 2 weeks to build a state-of-the-art, **I now achieve in a single day.**”

How Scopus AI works

1. Enter your natural-language query to begin. An easy-to-follow Summary of the results will be generated, along with Scopus references to provide additional transparency and trust. Dig deeper with Expanded summaries.
2. View a graphical representation of the keywords to reveal hidden connections and insights.
3. Rapidly pinpoint the most influential papers on your topic.
4. Find leading experts in the field, with explanations of their expertise relevant to your query.
5. Go deeper into related queries to discover new perspectives.

①

What threat does climate change pose to coffee production?

Summary

Climate change poses a significant threat to coffee production, particularly in Central America. 1 The impact of climate change on coffee production includes reduced yields, lower quality, and increased vulnerability to pests and diseases. 2 [Read More](#)

[Show all references](#)

Expanded summary

Climate change poses several threats to coffee production, affecting plant growth, development, quality, and flavor. Here are the key findings from the relevant abstracts:

1. Climate change negatively affects coffee plant growth and development due to increased frequency of extreme climate events, such as drought and heat stress. 1 2 3

[Yes](#) [No](#)

[Show all references](#)

②

③ **Foundational papers**

The Impact of Climate Change on Indigenous Arabica Coffee (Coffea arabica): Predicting Future Trends and Identifying Priorities 269 citations

A.P., Davis, Aaron P., T.W., Gole, Tadesse Woldemariam, S., Baena, Susana, J.F., Moat, Justin F.

PLoS ONE 7 2012

[Show more foundational papers](#)

④ **Topic Experts**

Ramalho, José C. J.C.

| 3578 citations 5 matching documents 41 h-index

José C. Ramalho is an expert in the impact of climate change on coffee production, as evidenced by their research on the biochemical and molecular responses of coffee plants to supra-optimal temperatures and elevated CO₂, as well as their investigation into the effects of drought, warming, and high CO₂ on coffee in the context of future climate change scenarios.

Van Asten, Piet J.A. P.J.

| 2875 citations 3 matching documents 31 h-index

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

⑤

- ↳ How does rising global temperatures affect the growth and yield of coffee plants?
- ↳ What are the specific climate-related factors that contribute to the spread of coffee diseases and pests?
- ↳ How does changing rainfall patterns impact the quality and flavor profile of coffee beans?



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