Meet scite, "ChatGPT for research", a new Artificial Intelligence (AI) tool available via Clemson Libraries Jennifer Groff (jgroff@clemson.edu), Shelby Carroll (sec8@clemson.edu)

What can Scite do for you?

•Using scite, you can:

- discover and evaluate scientific articles via Smart Citations. Smart Citations allow users to see **how** a publication has been cited by providing:
- the context of the citation
- a classification describing whether it provides supporting or contrasting evidence for the cited claim.
- Ask questions and get well-cited answers from the full texts of research articles (via scite Assistant)

How does scite work?

- Obtain documents from open access repositories and agreements with publishers
- Convert PDFs into machine-readable text
- Use Biblioglutton to match raw bibliographic references to Crossref • Use deep learning (an AI method) to analyze and classify citations to
- determine the context ("Smart Citations") Utilize Large Language Models (LLM) backed by Smart Citations to minimize the risk of AI hallucinations and help researchers find and analyze quality information/REAL references

Coverage

•Dataset contains over 1.2 billion Citation Statements and 185 million full-text articles accessed through:

- indexing agreements with 22.7k publishers
- Open Access content

•Can see a full list of all journals covered at https://scite.ai/journals.

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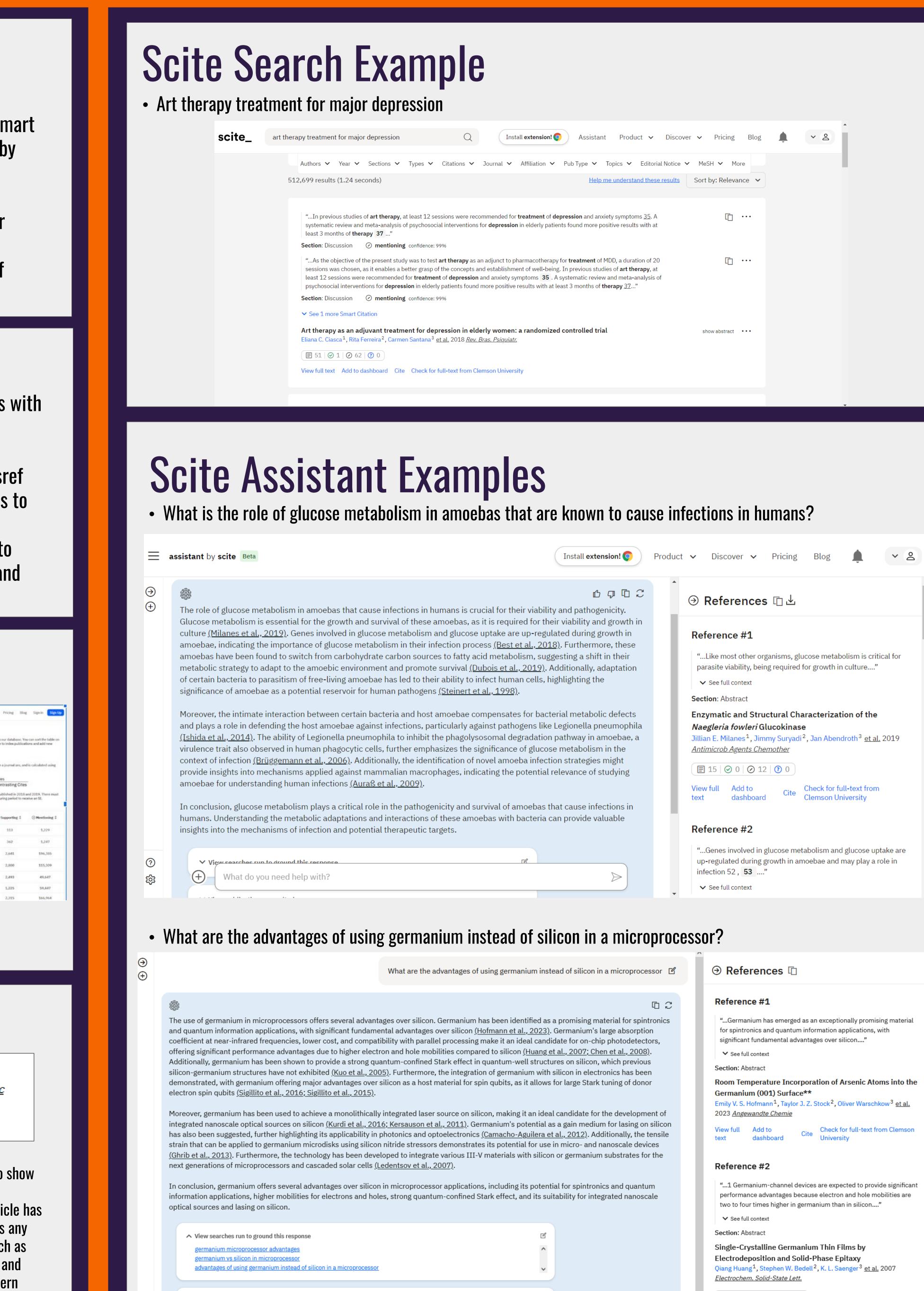
Understanding the "Badge"

Global Patterns in Students' Views of Science and Interest in Science Ralf A. L. F. van Griethuijsen¹, M.W. van Eijck², Helen Haste³ <u>et al.</u> 2014 <u>Res Sci Educ</u>

	Key*
434	# of publications citing this work
10	# of supporting citation statements about this work
269	# of mentioning citation statements about this work
2	# of contrasting citation statements about this work

*The badge will also show you retractions or withdrawals the article has received, if any, plus any editorial notices such as corrections, errata, and expressions of concern

View publications consulted



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Prompt Engineering

A prompt is a set of guidelines/instructions that you give to an AI system

Prompt engineering is the process of refining and editing a prompt to maximize output efficiency and accuracy to your needs. Example: • "Give me information about how to care for indoor herb plants." • "Give me information about best practices to care for indoor **basil**

- plants."

See a scite widget when reading journal articles:

Ask scite about what you read on the internet:

From scite:

"Maybe you're on reddit, or twitter, or make a claim that raises an eyebrow. <u>Assistant</u>" to get answers to questions or surface information from research articles that might support or offer some disagreement from those claims"

Further Reading

https://doi.org/10.1162/qss_a_00146

Jamboard): http://tinyurl.com/CUscite



• "Give me information about best practices for watering, sun exposure, and temperature control for indoor basil plants."

