Clemson University TigerPrints

Presentations

University Libraries

1-9-2024

Meet scite, "ChatGPT for research", a new Artificial Intelligence (AI) tool available via Clemson Libraries

Jennifer Groff

Shelby Carroll

Follow this and additional works at: https://tigerprints.clemson.edu/lib_pres

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.

cite	Search by life, author, keywords or DOI			Q		Assistant I	Product 🐱 Discove	v P
Jou	urnals							
any comb	e journals in our system, along with their sol bination of columns by shift-clicking, and als tations to our system.							
Filters					What is the	scite Index?		
Filter)	e cumala by name				The soite Inde the following 5		a supported publication	s from a j
Filter p	na Jubilishers by name					SI =	# Supporting Supporting Cites +	# Contr
	Clear						ncludes obtations to arti- contrasting cites in the	
No. 2	Journal 2	Publisher I	2-Year 51 0	5-Year SI 0	Lifetime SL	Iotal Oles ‡	Contrasting \$	@ 54g
s.,	Earth and Planetary Physics	Earth and Planetary Physics	83	1.00	1.00	1,354	0	
2.	International Journal of Bio-Resource and Stress Management	Purps Publishing House		1.00	0.98	1,649		
3,	Mathematics of Computation	American Mathematical Society (AMS)	<u>t</u> 2	1.00	0.98	201,164	54	
		International Press of	-	1.00	0.97	110,671	81	
4.	Advances in Theoretical and Mathematical Physics	Boston						
4. 5.		Boston Springer Science and Dusiness Media LLC	5	1.00	0.95	53,204	127	
	Mathematical Physics	Springer Science and	40 20	1.00	0.95	53,204 62,263	127 31	

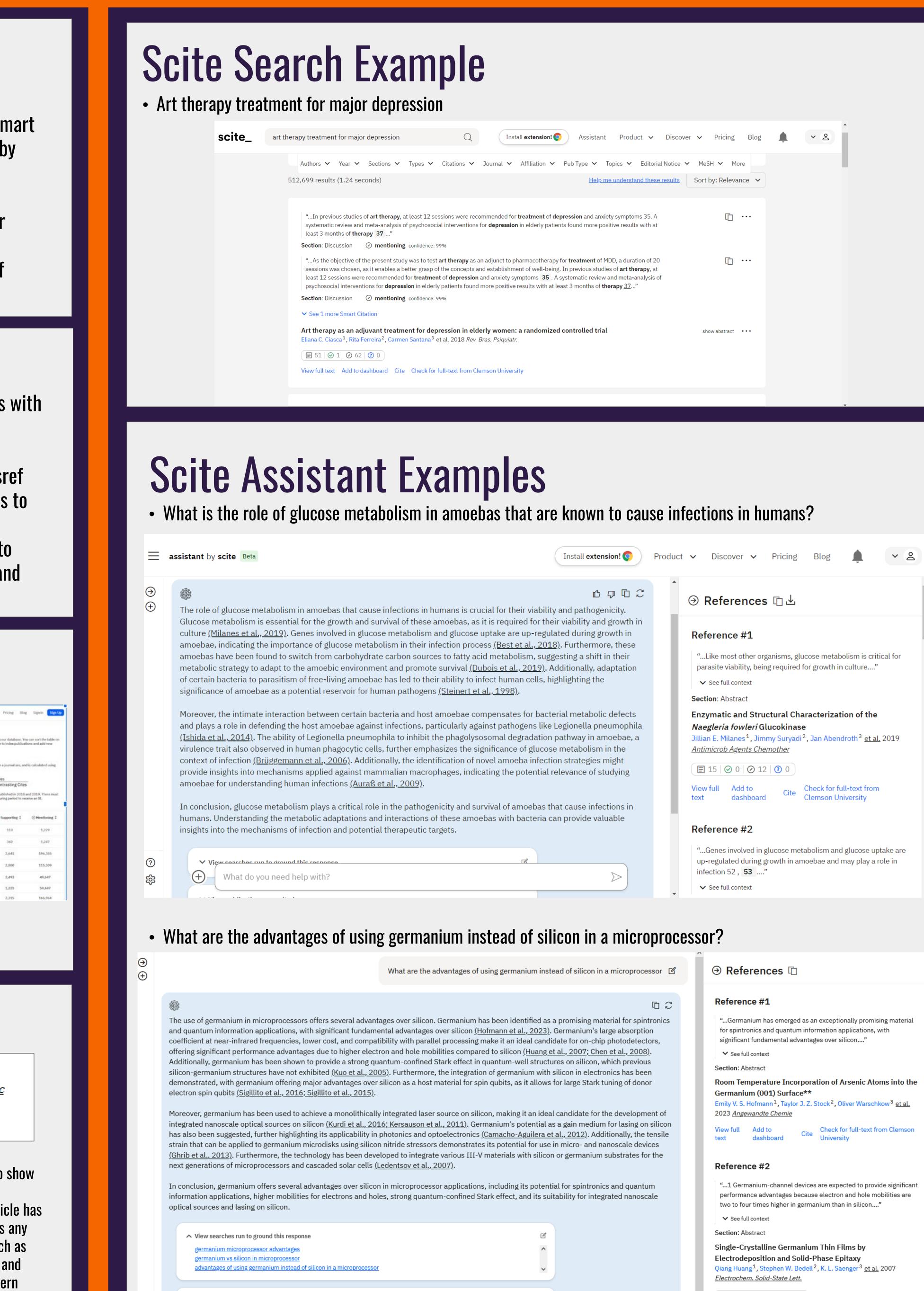
Understanding the "Badge"

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



Assistant Product 🗸 Disco	ver 🗸 Pricing Blog	• 2	•
b Type ♥ Topics ♥ Editorial Notice Help me understand these results	✓ MeSH ✓ MoreSort by: Relevance ✓		
sion and anxiety symptoms <u>35</u> . A bund more positive results with at	ſ <u></u>		
reatment of MDD, a duration of 20 previous studies of art therapy, at ematic review and meta-analysis of 8 months of therapy <u>37</u> "	Ē ···		
trolled trial	show abstract •••		
			•

microprocessor 🗹	
G C	Reference #1
erial for spintronics ge absorption photodetectors, <u>et al., 2008)</u> . hich previous hics has been ning of donor	 "Germanium has emerged as an exception for spintronics and quantum information and significant fundamental advantages over s See full context Section: Abstract Room Temperature Incorporation of A Germanium (001) Surface**
	Emily V. S. Hofmann ¹ , Taylor J. Z. Stock ² , O
e development of for lasing on silicon ionally, the tensile noscale devices	2023 <u>Angewandte Chemie</u> View full Add to Cite Check f text dashboard ^{Cite} Univers
ubstrates for the	Reference #2
and quantum ated nanoscale	 "…1 Germanium-channel devices are experimentation of the second se
	Section: Abstract
	Single-Crystalline Germanium Thin Fi Electrodeposition and Solid-Phase Ep Qiang Huang ¹ , Stephen W. Bedell ² , K. L. Sa <u>Electrochem. Solid-State Lett.</u>
	29 2 26 0

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."

