

COFFEE



LECTURE

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Scite.ai – How This AI-driven Tool Can Support Your Research



Dr. Lisa Kattner
Team
Library

Day
06.11.2025
13:00, Zoom

Scite.ai - research assistance with AI-powered citation analysis

Key Feature: Smart Citations – Check, whether a publication has supporting, neutral or disputing citations

Also possible:

- Ask scientific questions and get answers with references
- Article summaries
- Build dashboards of relevant studies and articles to a specific topic
- Browser-add-on for glimps of citation status wherever you find scientific literature (google scholar, PubMed, even Wikipedia)
- Monitoring/Alert function for new publications
- Reference check while writing manuscripts

Scite.ai - research assistance with AI-powered citation analysis

What is its background?

- Founded in 2018 by Josh Nicholson and Yuri Lazebnik, originally funded by NSF (National Science Foundation) and NIDA (National Institute on Drug Abuse).
- Full texts and metadata from agreements with publishers and open sources
(Wiley, Karger, Rockefeller University Press, Cambridge University Press, Future Science Group, Thieme, Sage, BMJ, Frontiers, IUCR, The Royal Society, SciELO, bioRxiv, medRxiv, Research Square, American Physiological Society, APA, AAAS, Unpaywall, Pubmed, Fatcat / Internet Archive Scholar, OSF servers, ACL, ACS, SPIE, AMA)
- AI analysis of full texts to build the smart citation data base ([scite: A smart citation index that displays the context of citations and classifies their intent using deep learning | Quantitative Science Studies | MIT Press](#))
- 500 000 new articles per day

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Live presentation: [Your AI Research Assistant – Scite](#) (link to scite-webpage)

Scite.ai Browser-Add-on

Google scholar search

[\[HTML\] Global assessment of shipping emissions in 2015 on a high spatial and temporal resolution](#)[L Johansson, JP Jalkanen, J Kukkonen](#) - *Atmospheric Environment*, 2017 - Elsevier

We present a comprehensive global **shipping emission** inventory and the global activities of ships for the year 2015. The **emissions** were evaluated using the **Ship Traffic Emission** ...

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[Emissions from international shipping: 1. The last 50 years](#)[V Eyring, HW Köhler, J Van Aardenne](#)... - *Journal of Geophysical Research* ..., 2005 - Wiley Online Library

... [5] This study aims to define a **ship emission** inventory with detailed nonmethane hydrocarbon (NMHC) speciation as well as spatial and temporal disaggregation for the time period ...

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737 21 554 4

[Updated emissions from ocean shipping](#)[JJ Corbett, HW Koehler](#) - *Journal of Geophysical Research* ..., 2003 - Wiley Online Library

... inventories for all pollutants; for example, global NO_x **emissions** (~6.87 Tg N) are more ... overall **emissions** estimates. We discuss implications for assessing **ship emissions** impacts. ...

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591 21 440 5

[Mortality from ship emissions: a global assessment](#)[JJ Corbett, JJ Winebrake, EH Green](#)... - *science & technology*, 2007 - ACS Publications

... ships using two geospatial **emissions** inventories and two global ... Our results indicate that **shipping**-related PM **emissions** are ... with the expected growth in **shipping** activity, we estimate ...

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1.066 3 613 1

Wikipedia

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Conclusion

- It is a useful tool, especially for snowball-searching, to keep track on citations and progress in your field of research
- It is helpful to discuss scientific questions, find references and summarize
- You can create your own research dashboards, share it, chat with it
- It might be even more useful, if you work in a controversy field of science

Thanks



**for your
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Next Coffee Lectures, slides and screencasts:



[http://
bib.unibe.ch/scimed](http://bib.unibe.ch/scimed)

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Now there is time for...

Questions & Discussion

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