DATA SWEEP

Less Time Searching, More Time Researching: AI and the Scientific Literature

Georgiana Butnaru
Project Manager & Events Lead | Data Sweep

DATA SWEEP

RAISE YOUR HAND IF...

...after a whole day searching for the right scientific articles for your research, you ended up using just two.

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...after a whole day searching for the right scientific articles for your research, you ended up using just two.

...an AI chatbot gave you a reference that doesn't exist.

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...after a whole day searching for the right scientific articles for your research, you ended up using just two.

...an AI chatbot gave you a reference that doesn't exist.

...you'd like 80% of that time back.

IT MEANS YOU HAVEN'T MET DATA SWEEP YET.



DATA SWEEP



THE SAME STORY...

EVERY RESEARCHER CARRIES THE WEIGHT OF ATLAS.

Condemned by Zeus to hold up the heavens on his shoulders. For all eternity. “No coffee breaks.”

DATA SWEEP

SAME BURDEN. DIFFERENT SKY.



Atlas

Holds the sky. Forever. No coffee breaks.

1 sky

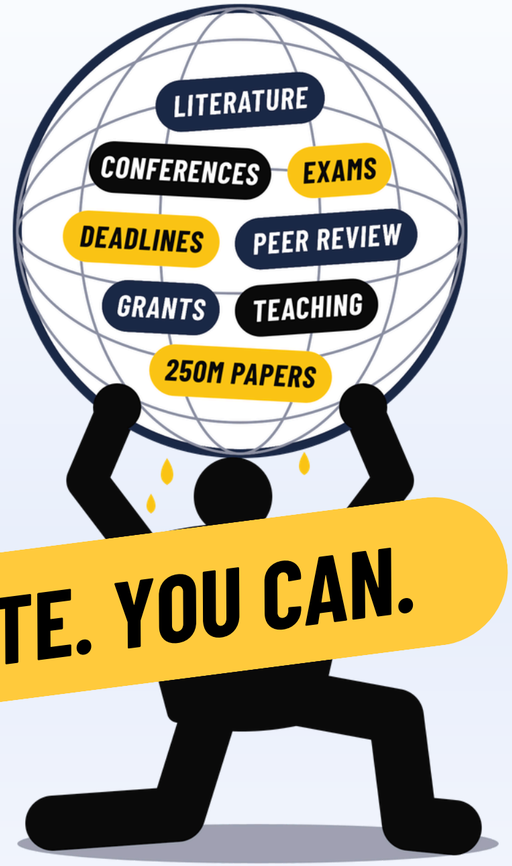
FOREVER

RESEARCHERS: 250,000,000

papers and still counting

DATA SWEEP

SAME BURDEN. DIFFERENT SKY.



ATLAS COULD NEVER DELEGATE. YOU CAN.

Atlas

Holds the sky. Forever. No coffee breaks.

1 sky

FOREVER

RESEARCHERS: 250,000,000

papers and still counting

DATA SWEEP TAKES THE SKY OFF YOUR SHOULDERS.

SCALE

250M+
scientific papers indexed

3.1M+
quantitative indicators

30+
major scientific databases

44
universities on the platform

IMPACT

Up to 80% less time

Zero fake references

Bibliometrics in 1 click

Less searching. More researching.

AI research assistant: search, literature reviews and bibliometrics - every claim linked to a real source.

HOW IT WORKS

DATA SWEEP

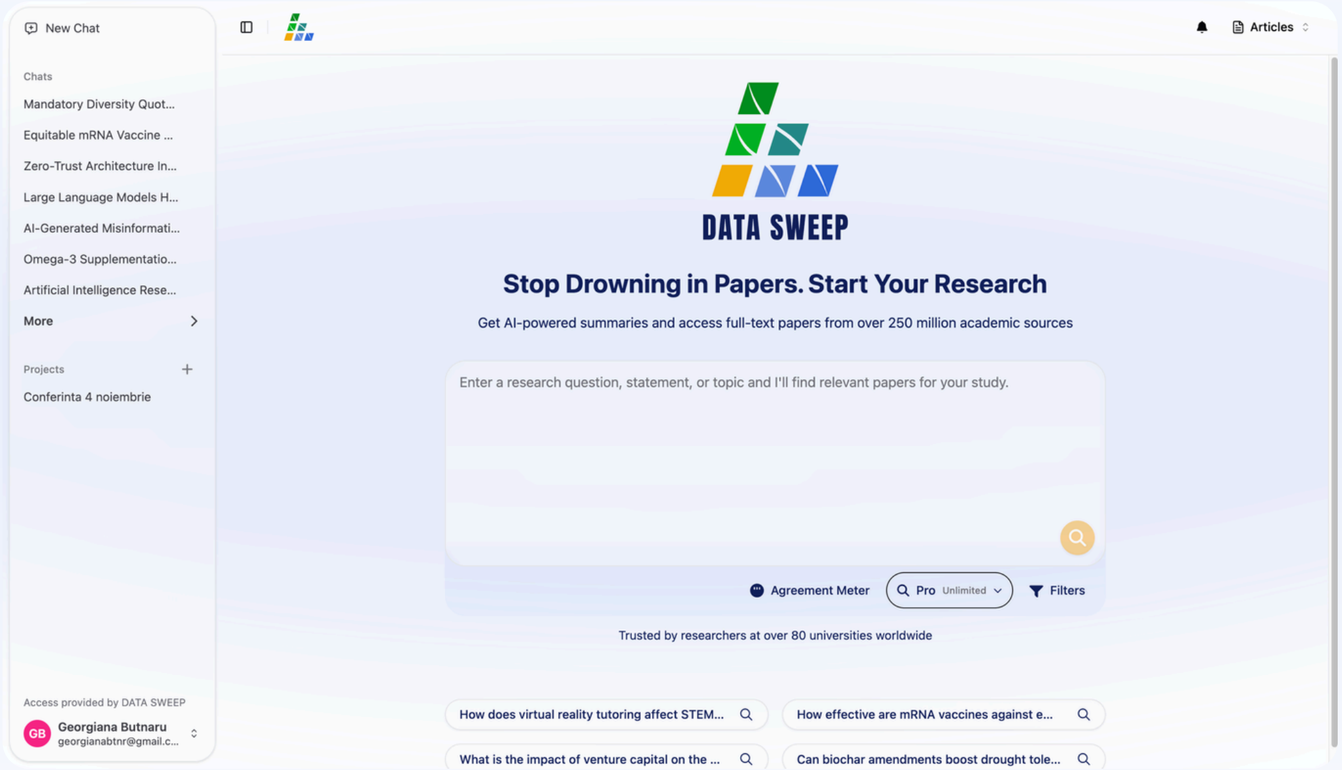
ASK. READ. VERIFY. DOWNLOAD.

01
ASK
Type your research question, in any language.

02
READ
Get an AI literature review in seconds.

03
VERIFY
Every claim links to a real paper, with DOI.

04
DOWNLOAD
Full review as PDF, up to 5,000 results in Excel, CSV, BibTeX or RIS. Cite in APA, MLA, IEEE & more.



SEARCH DEPTH

Basic · top 10 papers

Pro · top 30 papers

Deep · top 100 papers

NO MADE-UP REFERENCES

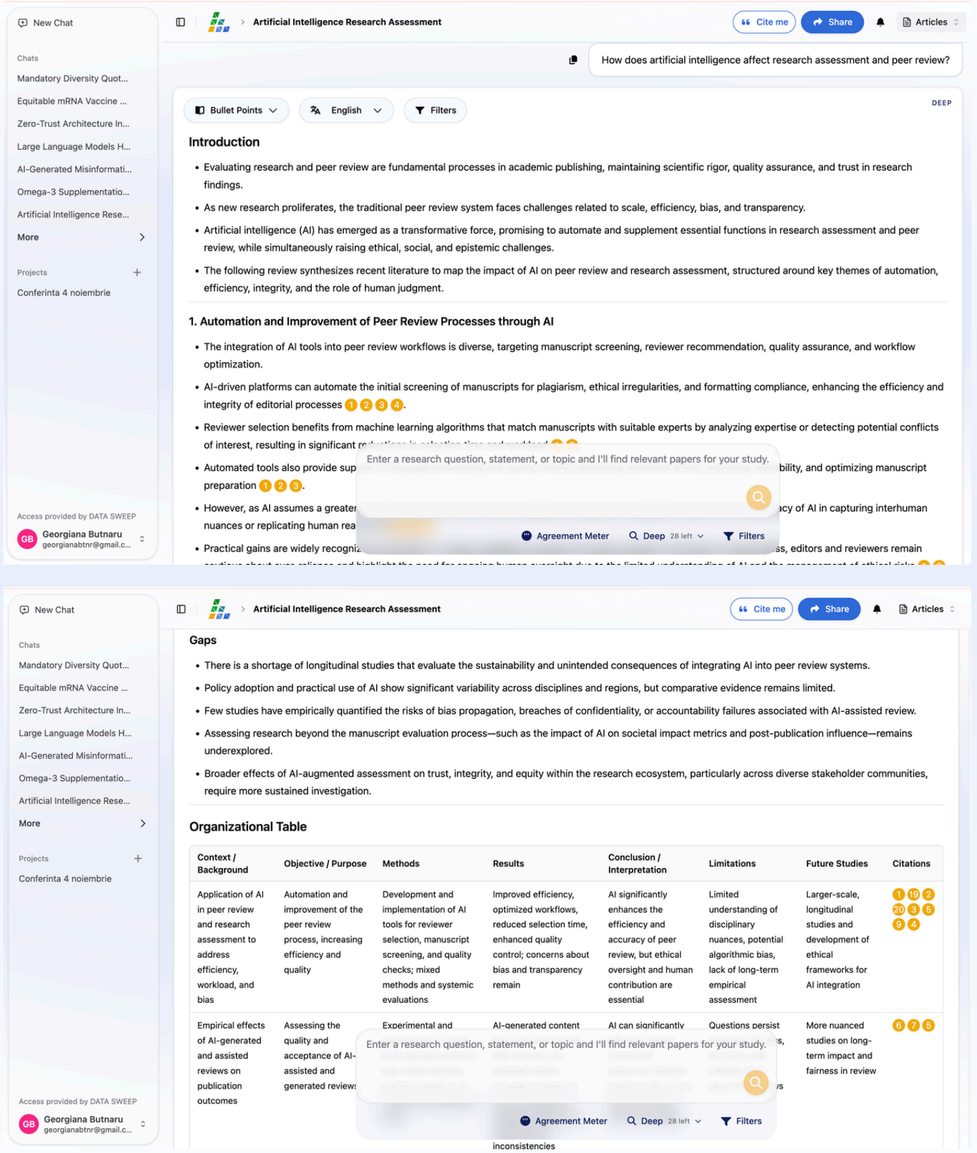
EVERY CLAIM.
A REAL SOURCE.

1. **Thematic clusters, research gaps and an organizational table**

2. **Each number is a citation to a real paper**

3. **Open any paper: abstract, DOI, citations, references**

DATA SWEEP



ARTICLE PAGE

DATA SWEEP

FOLLOW THE CITATIONS. BOTH WAYS.

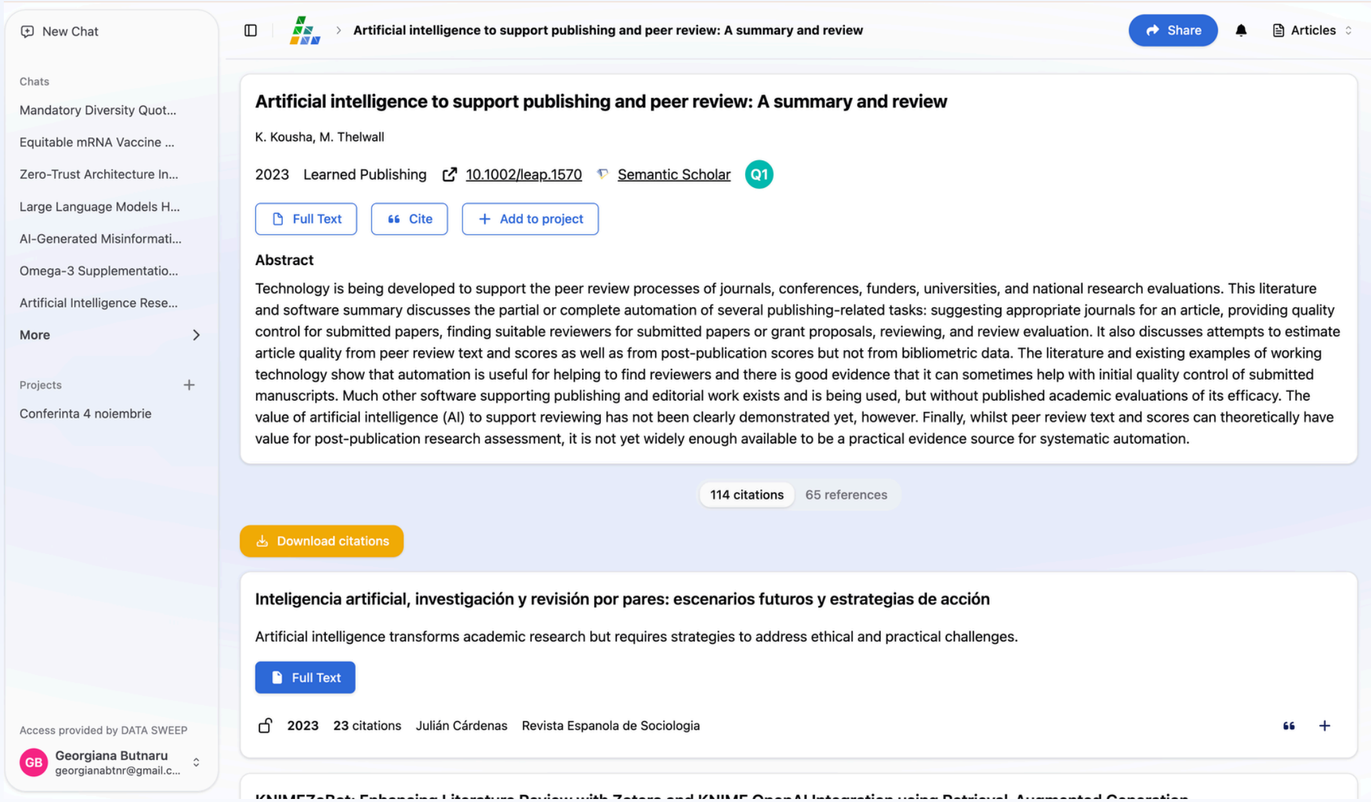
CITATIONS →

Newer papers that cite it. Bring your review up to date.

← REFERENCES

Papers it cites. Trace the foundations of your field.

Download both lists: snowballing



SEARCH TIPS

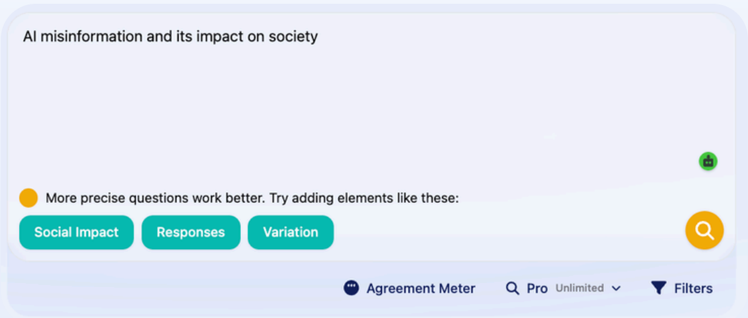
DATA SWEEP

A GOOD QUESTION. A GOOD REVIEW.

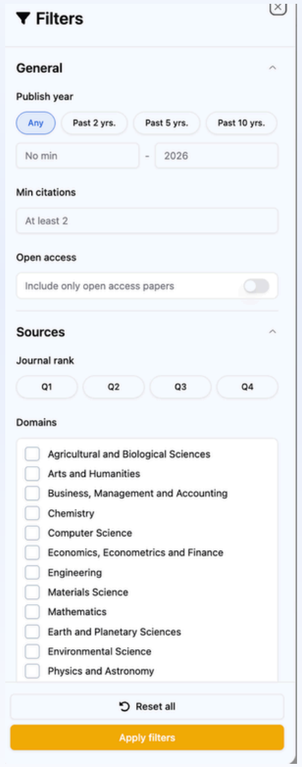
PERFECT — **“How does VR tutoring affect STEM engagement in high-school students?”**

GOOD — “AI misinformation and its impact on society” → **How does AI-generated misinformation influence public opinion and societal behavior?**

BAD — **Not a scientific question → Please ask a precise research question for best results**



The platform suggests how to sharpen your question.



FILTERS

Start broad, then narrow down.

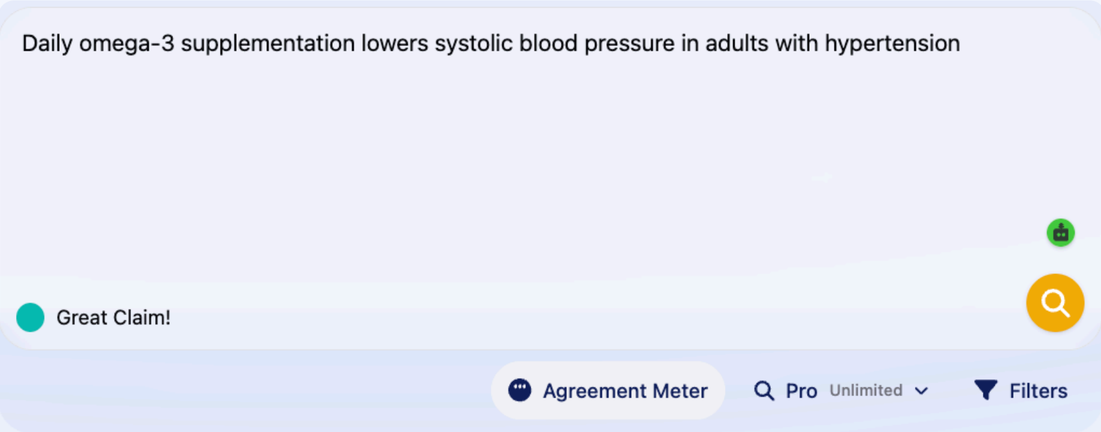
Be specific: population + method + outcome.

Any language works. English = widest coverage.

AGREEMENT METER

DATA SWEEP

TEST A CLAIM BEFORE YOU CITE IT.



TYPE A CLAIM, NOT A QUESTION.

Every paper is scored agree, neutral or disagree, with a confidence score and a short reason.

THE ANTIDOTE TO AI HALLUCINATIONS.

Alexander et al. (2014)	AGREE	90%	Meta-analysis of 70 RCTs: significant drop vs. placebo.
Tao et al. (2020)	NEUTRAL	80%	Review protocol only, no results yet.
Byrne et al. (2020)	DISAGREE	85%	No link to fewer cardiovascular events or deaths.



BIBLIOMETRICS

DATA SWEEP

ONE CLICK. ONE REPORT.

UP TO

10,000

papers in one structured PDF report

- Trends over time
- Top journals & Q1–Q4
- Authors, keywords, open access





Sample report on this conference's theme · 9,986 articles

DATA SWEEP

ATLAS HAD NO CHOICE.
YOU DO.

Verifiable citations. Automatic bibliometrics. Research you can trust in the age of AI hallucinations.

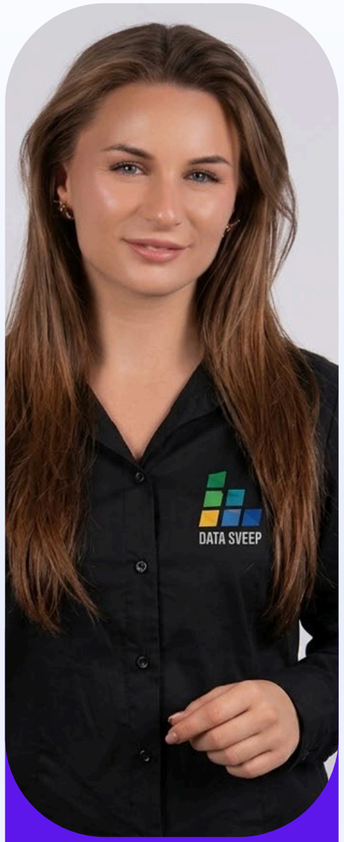
DATASWEEP.APP



COSMIN-ALIN BOTOROGA

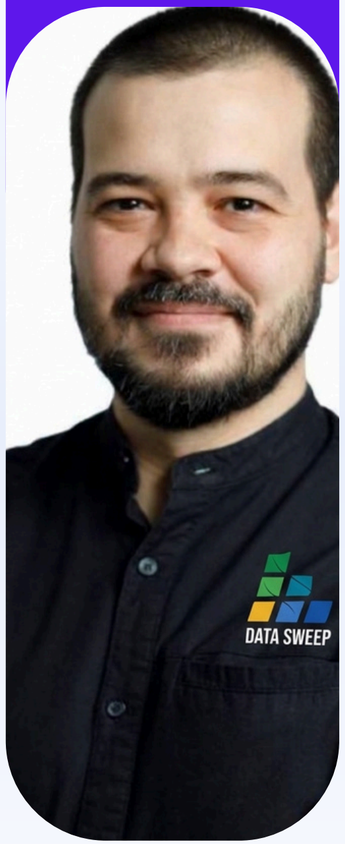
RAUL POP





GEORGIANA BUTNARU

DORU CONSTANTIN NITU



THANK YOU!

OFFICE@DATASWEEP.APP

GEORGIANA@DATASWEEP.APP

+40 747 469 838

DATASWEEP.APP

stripe

ASOCIAȚIA GENZ

ROMÂNIA
PARLAMENTUL ROMÂNIEI
CAMERA DEPUTAȚILOR
COMISIA PENTRU ÎNVĂȚĂMÂNT

DATA SWEEP

Enformation

Cercetarea românească în era AI

Scriem mai mult, dar putem scrie mai bine?

17 noiembrie 2026
10:00-14:00

Palatul Parlamentului
București, România

Transmisie online
Acces online disponibil



Live

ÎNSCRIERE PRIN FORMULAR