PHILOSOPHY, SOFTWARE

BRAVE NEW AI SCIENCE WORLD

16.11.2022

AI works well in some areas while results are very mixed or even dangerous in others [1, 2].

But what about AI in generic scientific areas?

I have recently looked at scite.ai, a service that claims to analyze a paper if the references have been supported or contrasted the findings — any references that have been retracted in the meantime or received an expression of concern? While the latter isn't really a big question, I was not very much impressed by the results as most references could not be classified.

But there are now more companies off the ground. Let's have a look at some.

One is SciScore

SciScore

Home   RTI

Enhance Rigor And Reproducibility In Scientific Research

SciScore™ is the best methods review tool for scientific articles.

Get actionable results today regarding the transparency of your research manuscripts. Using criteria from various reporting standard (e.g. the NIH, MDAR, and ARRIVE), **SciScore** generates three reports and a score for every submission. These materials assist researchers editors, and funders in improving the quality and reliability of scientifi research by automatically reporting detected criteria of interest for future review. Researchers signing up with their ORCID get ten free reports. Reports can take as little as 1 minute!

16/11/2022 screenshot https://sciscore.com/index.php#pricing

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The next one is [Prophy](), another reference finder.

Prophy   Referee Finder   Semantic Jobs   Monitoring   Reports   Search

Referee Finder

Quickly find the best referees to move science forward

Utilizing our collection of 120M+ articles, we automatically create profile for every scientist, and rank them according to their semantic similarity to a refereed manuscript or proposal.
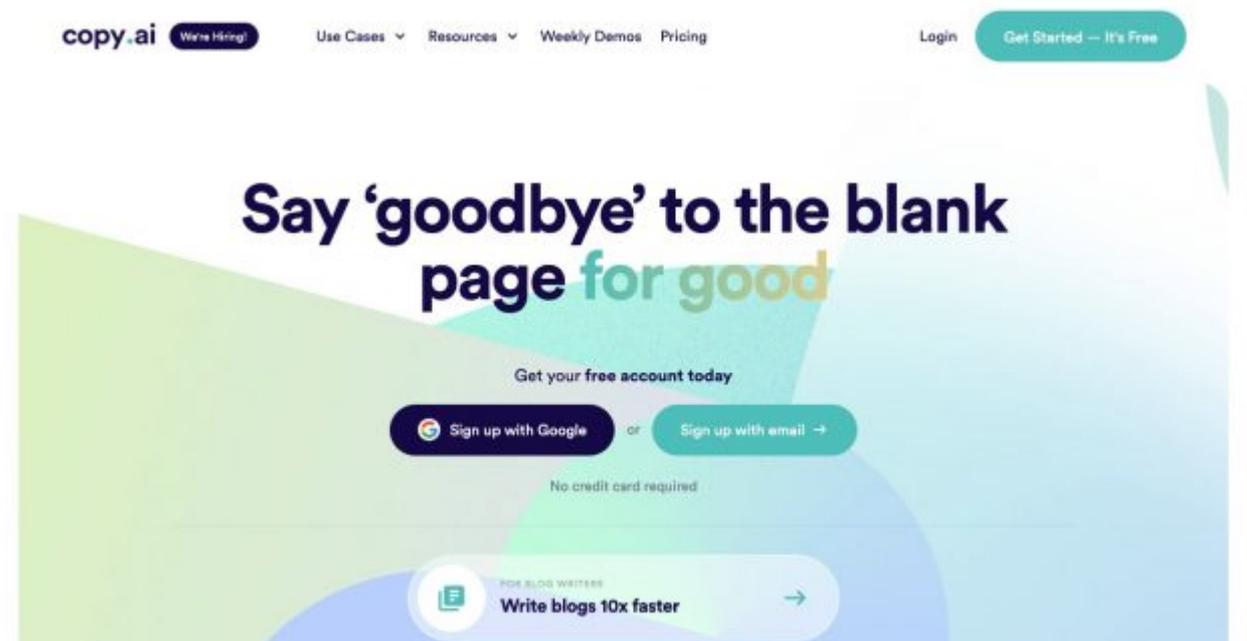
More details

16/11/2022 screenshot https://www.prophy.science/

and there is Galactica.

16/11/2022 screenshot https://galactica.org/
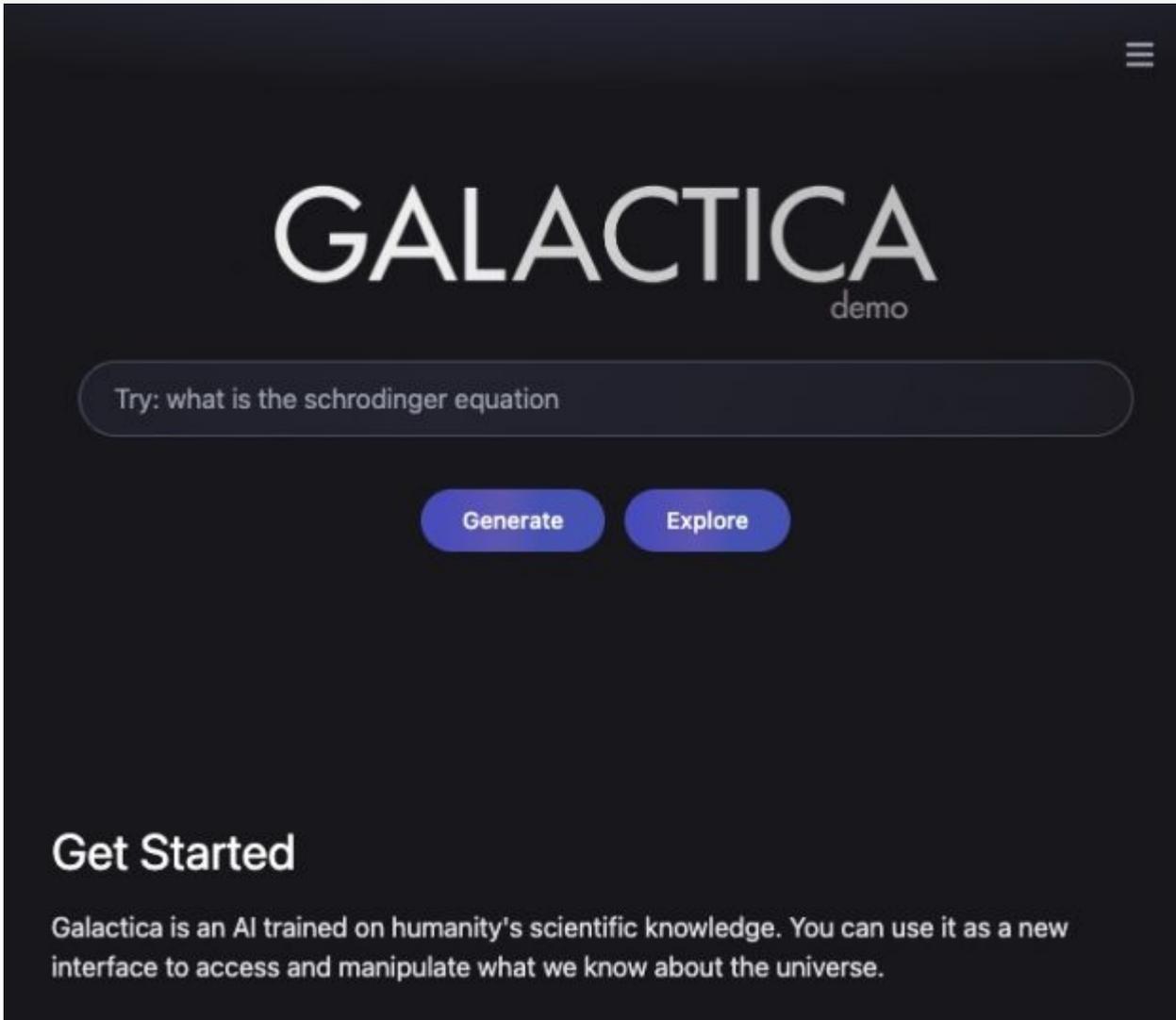
and well also copy.ai

28/12/2022 Screenshot https://copy.ai

I have no idea if we really need this kind of stuff – any AI to write my blog even faster?

Also others commented earlier this month that it is "not obviously wrong but wrong in sub-tle ways".

Matt Hodgkinson teilte

Tom Morris ✅
@tommorris

🌐 5. Dez.

Just tried ChatGPT. I asked it a series of specific Qs about areas I've studied in detail.

On all Qs, it gave answers that are plausible sounding but wrong. Not obviously wrong: wrong in subtle ways that need deep domain knowledge to grasp.

The ways humans will be practically misled by this kind of tech if trusted with, say, doling out medical, legal or business advice is horrific.

Letting this tech loose on the world will further destroy search engines that are already riddled with SEO BS.

Übersetzen

↩ 1+   ⇄   ★   🔖   ···

28/12/22 Screenshot https://mastodon.social/@tommorris/109460645976102033

Fortunately [Copyleaks released now even an AI detector](#) just to fight back…