Literature Search Home Page

Home
PGSChat
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LiteratureSearch

Click Settings 👆 for Open AI credentials

Settings

Azure OpenAI Credentials

ChatGPT deployment name:
gpt-35-turbo

GPT-4 deployment name:
gpt-35-turbo-16k

Azure OpenAI Endpoint:
https://resourcenamehere.openai.a

Azure OpenAI Key:
👁

Google Scholar API

SERP API Key:
👁

Submit

Find literature evidence in PubMed, Google Scholar or Arxiv
Mention the portal you want to search in along with your search query

Alert! Alert!
You need to specify Open AI (here, Azure's) and SERP API credentials to proceed.

k on Settings on the left sidebar!

Steps to navigate this section:
- Azure OpenAI Instructions
- Create a free SERP API account to ket the private key to seach in Google Scholar
- Use prompts like "articles with APOE and ALzheimer in Pubmed"
- Type or copy paste link of an article in the prompt/user input to retrieve its abstract
- For advanced questions such as forecasting, you can use GPT-4 (if available) as the engine

You:

Your app is having trouble loading the **streamlit_chat.streamlit_chat** component.

(The app is attempting to load the component from ****, and hasn't received its **"streamlit** **"** message.)

- If this is a development build, have you started the dev server?
- If this is a release build, have you compiled the frontend?

For more troubleshooting help, please see the Streamlit Component docs or visit our forums.

Errors and Steps to rectify

Literature Search Test Case-1

Find literature evidence from PubMed, Google Scholar or Arxiv.

Mention the portal you want to search in along with your search query.

You:

Search for articles with gene APOE and Alzheimer in Pubmed

Search in PubMed for keywords 'APOE' and Alzheimer'

Hi!

* Welcome to your Literature Review Assistant.
Enter your query above, e.g. 'Search for articles with gene APOE and Alzheimer in Pubmed.'

Best Matched top results

Search for articles with gene APOE and Alzheimer in Pubmed

Here are some articles related to APOE and Alzheimer's disease:

1. [ApoE in Alzheimer's disease: pathophysiology and therapeutic strategies](https://pubmed.ncbi.nlm.nih.gov/36348357/)

2. [APOE and Alzheimer's disease: advances in genetics, pathophysiology, and therapeutic approaches](https://pubmed.ncbi.nlm.nih.gov/33340485/)

3. [ApoE Lipidation as a Therapeutic Target in Alzheimer's Disease](https://pubmed.ncbi.nlm.nih.gov/32882843/)

Literature Search Test Case-2

Search in Google Scholar for keywords 'APOE' and Alzheimer'

search for articles with APOE and Alzheimer in Google Scholar

Here are some articles related to APOE and Alzheimer's disease:

1. [APOE and Alzheimer disease: a major gene with semi-dominant inheritance](https://www.nature.com/articles/mp201152)
2. [APOE and Alzheimer's disease: advances in genetics, pathophysiology, and therapeutic approaches](https://www.thelancet.com/journals/laneur/article/PIIS1474-4422(20)30412-9/fulltext)
3. [Apolipoprotein E and Alzheimer disease.](https://www.pnas.org/doi/abs/10.1073/pnas.92.11.4725)
4. [Apolipoprotein E and Alzheimer disease: risk, mechanisms and therapy](https://www.nature.com/articles/nrneurol.2012.263)
5. [Apolipoprotein E and Alzheimer disease: pathobiology and targeting strategies](https://www.nature.com/articles/s41582-019-0228-7)

Search in Arxiv for keywords 'APOE' and Alzheimer'

search for articles with APOE and Alzheimer in Arxiv

Here are some articles related to APOE and Alzheimer's disease from Arxiv:

1. Analyzing the effect of APOE on Alzheimer's disease progression using an event-based model for stratified populations
- Authors: Vikram Venkatraghavan, Stefan Klein, Lana Fani, Leontine S. Ham, Henri Vrooman, M. Kamran Ikram, Wiro J. Niessen, Esther E. Bron
- [Link to Article](https://arxiv.org/abs/2009.07147)

2. A deep belief network-based method to identify proteomic risk markers for Alzheimer disease
- Authors: Ning An, Liuqi Jin, Huitong Ding, Jiaoyun Yang, Jing Yuan
- [Link to Article](https://arxiv.org/abs/2003.05247)

3. Accounting for iron-related off-target binding effects of 18F-AV1451 PET in the evaluation of cognition and microstructure in APOE-e4+ MCI
- Authors: Jason Langley, Daniel E. Huddleston, Ilana J. Bennett, Xiaoping P. Hu
- [Link to Article](https://arxiv.org/abs/2203.03847)

Extract the abstract when user provides the link to an article

https://pubmed.ncbi.nlm.nih.gov/33340485

The article titled 'APOE and Alzheimer's disease: advances in genetics, pathophysiology, and therapeutic approaches' provides an overview of the role of APOE in Alzheimer's disease and discusses various therapeutic approaches targeting APOE. The article is published in The Lancet Neurology journal. You can access the article [here](https://pubmed.ncbi.nlm.nih.gov/33340485/).