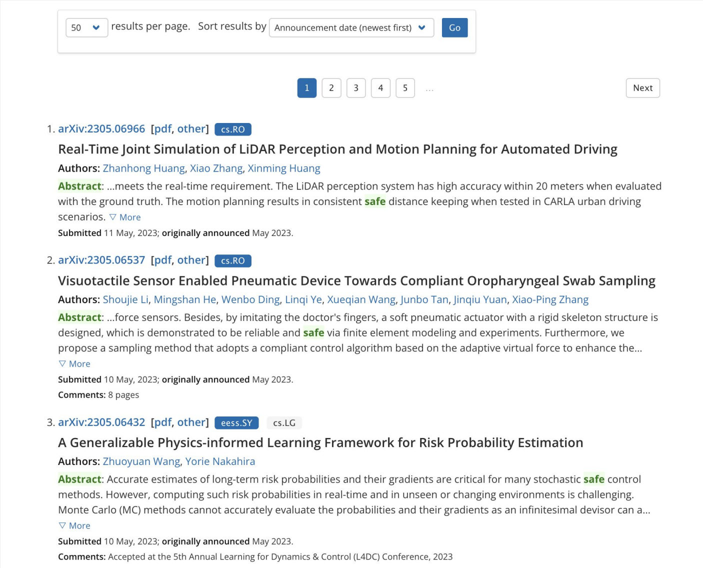
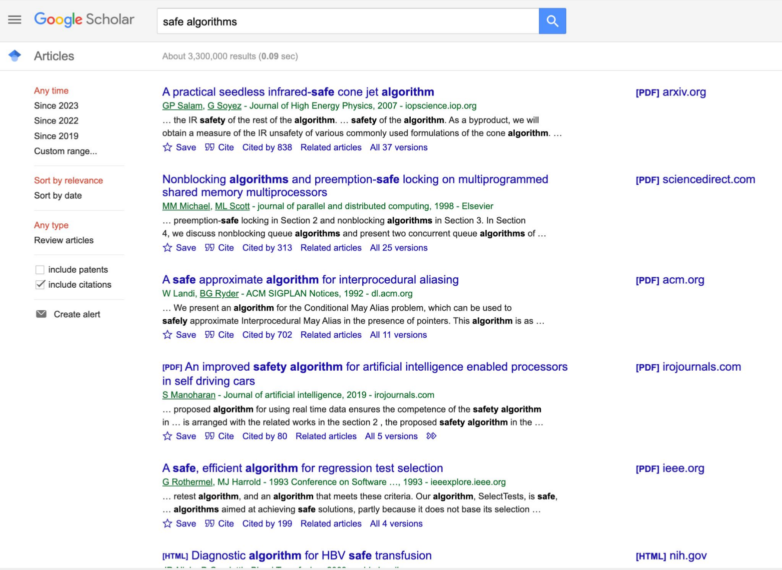
INSTANTRESEARCH.AI

BREAKING THE RESEARCH BUBBLE FOR YOU

Current Solution



arXiv.org



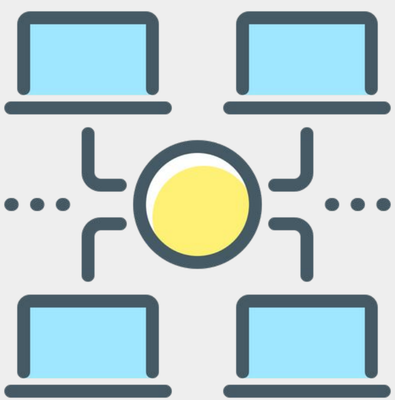
Google Scholar

Problem Space

Outdated Search Engines for Research

Waste Time Vetting Papers

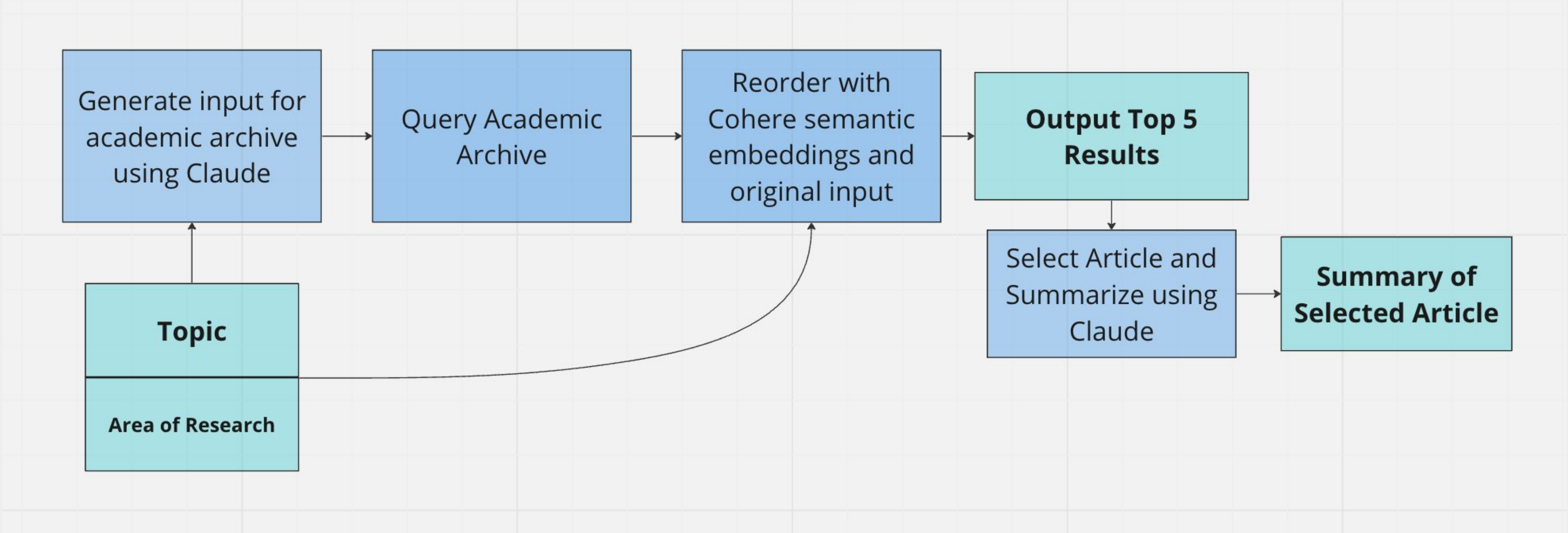
Our Solution



Use Semantic Embeddings to Re-Organize Results

Provide Quick Summary for Users to Briefly Vet Articles

System Overview



Live Demo

InstantResearch.AI

What is your area of research?

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What you want to learn?

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Summarize a pdf article! (provide url link to pdf)

http://arxiv.org/pdf/2004.10177v7

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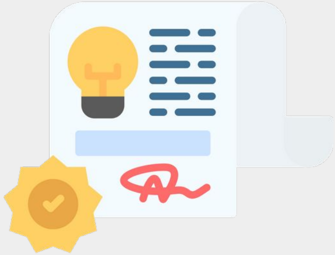
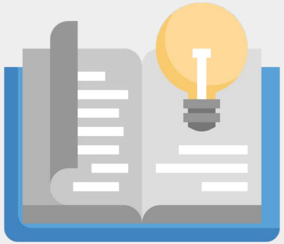
Here is the top 20% of learnings to understand 80% of the paper:

1. **mRNA Design Problem Formulation** The paper formulates the mRNA design problem as an optimization to maximize stability (measured by minimum free energy or MFE) and codon optimality (measured by codon adaptation index or CAI) of the mRNA sequence. The stability objective aims to find the mRNA sequence with the lowest MFE among all sequences that encode the target protein. The codon optimality objective aims to find the sequence with the highest CAI. The paper proposes optimizing a joint objective that balances these two factors.

Alternate Use Cases



Finding Similar
Patents when Filing



Searching Internal
Knowledge Bases

Finding Relevant
Law Cases

Thank You and Questions!

Deployed Product

Github Link