

ScholarKnowledge

AI-Powered Knowledge Base
for Scientific Journal Publishers

Transform your published research into an intelligent,
queryable knowledge asset — monetized through modern AI access models.



The Challenge Publishers Face



Locked-Away Knowledge

Millions of articles sit in PDFs and databases — accessible but not queryable. Researchers can't extract cross-article insights quickly.



Discovery Friction

Traditional keyword search misses semantic connections. Researchers waste hours sifting through irrelevant results.



Untapped Monetization

Publisher content has enormous value beyond subscriptions — but no infrastructure exists to deliver it programmatically to AI-driven workflows.



No AI-Ready Interface

Enterprise customers and AI agents need structured, metered access to scientific content — publishers can't provide it.

Introducing ScholarKnowledge

A full-stack platform that transforms your content archive into a living, intelligent knowledge graph.



Ingest & Extract

- Structural parsing of PDFs, XML, HTML
- Semantic entity extraction
- Citation graph construction
- Metadata enrichment



Knowledge Graph

- Vector embeddings per chunk/concept
- Taxonomy & ontology mapping
- Cross-article relationship linking
- Continuously updated index



Intelligent Access

- RAG-powered natural language queries
- MCP / A2A / REST API endpoints
- Token-metered consumption billing
- Cited links to source articles

How It Works: The Ingestion Pipeline

01	Content Ingestion	Publisher feeds raw content — PDFs, XML, HTML — via secure upload or continuous sync connector.
02	Structural Extraction	Parser identifies sections, figures, tables, references, equations, and metadata from each document.
03	Semantic Extraction	NLP pipeline extracts entities, concepts, claims, and relationships — building a rich semantic layer.
04	Vector Embedding	Each chunk is embedded into a high-dimensional vector space using state-of-the-art scientific language models.
05	Knowledge Base Population	Embeddings, entities, and metadata are indexed into the vector database with citation links preserved.

Intelligent Query & Response — Powered by RAG



"What are the latest findings on mRNA vaccine efficacy against novel coronavirus variants?"

AI-Generated Response

Based on 47 relevant articles in your archive, studies published in 2023–2025 show mRNA vaccines retain 78–91% efficacy against Omicron sub-variants when boosted within 6 months. Three landmark trials (Novak et al., 2024; Chen & Williams, 2025; RECOVERY Collaborative, 2024) demonstrate significant T-cell response preservation even against BA.2.86...



Source Articles:

Novak et al., Nature Medicine 2024 | Chen & Williams, Lancet 2025 | RECOVERY Collaborative, NEJM 2024 | +44 more

Always Cite the Source

Every AI-generated response includes traceable, clickable citations back to the original published articles.



DOI-Linked Citations

Every response includes properly formatted citations with direct DOI links to source articles — driving traffic to publisher platforms.



Access Control Respected

Citation links honor existing access tiers. Subscribers get full text; others see abstracts — protecting your revenue model.



Transparent Provenance

Researchers can trace exactly which articles informed each claim, supporting reproducibility and academic rigor.



Discovery Engine

Citations surface related content users didn't search for — increasing page views and re-engagement with your archive.

Why ScholarKnowledge?



10x

Faster literature discovery vs. keyword search



100%

Source attribution on every AI-generated answer



4+

Access protocols: RAG, API, MCP, A2A



∞

Scalable — grows with your archive



New

Revenue stream beyond subscriptions



AI

Ready for autonomous agent workflows

Ready to Unlock Your Archive?

ScholarKnowledge gives scientific publishers the infrastructure to power the next generation of AI-driven research workflows — while creating new, measurable revenue from your existing content.

- **Schedule a pilot program with your content**
- **Explore custom integration options**
- **Join our Publisher Partner Program**

Request a Demo →

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